

DELABIE



PUBLIC & COMMERCIAL PLACES

2025/2026

DELABIE

UK RECOMMENDED PRICE EXCL. VAT
FROM 01/01/2025 TO 31/12/2025
These prices may be subject to change

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Certification
ISO 9001: 2015
quality management
systems

ACS

Certificate of Sanitary Conformity.
All DELABIE products conform to the
DWD* directive, the modified directive
of 29/05/1997, the directive of
25/06/2020 and the French Ministry
of Health circular DGS/SD7A2002
no. 571 dated 25/11/2002.

* EU Drinking Water Directive.

NEW

DELABIE's commitment!



DELABIE PRODUCTS HAVE A 30-YEAR WARRANTY!

DELABIE products are designed to last for as long as possible.

The quality of our products is such that we have no hesitation in **guaranteeing our products for 30 years***.

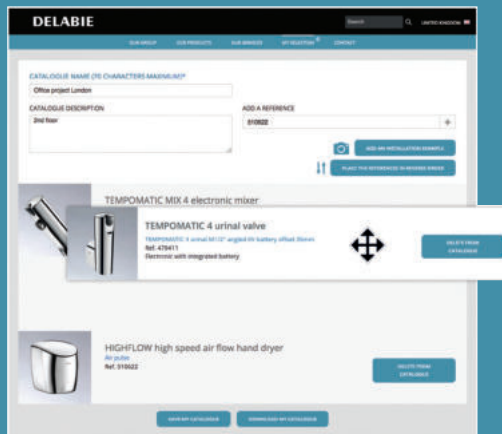


DELABIE PRODUCTS CAN BE REPAIRED FOR 50 YEARS!

We will keep spare parts for our products for 50 years* to facilitate **any necessary repairs**.

DELABIE is helping to minimise your costs and prolong product lifespans, thereby reducing your ecological footprint.

* See Terms and Conditions of Sales

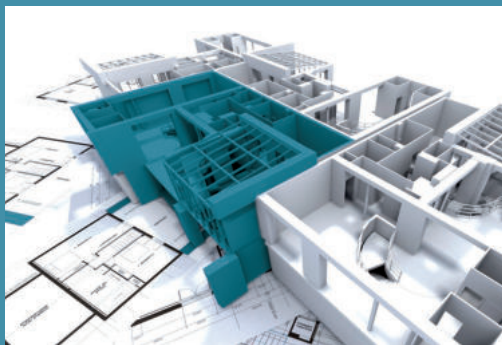


DELABIE.CO.UK AVAILABLE FEATURES

Create your own catalogue using **your own product selection**.

You can **personalise** it by giving it a project name and description, by choosing the order for the products to appear and by adding lifestyle images.

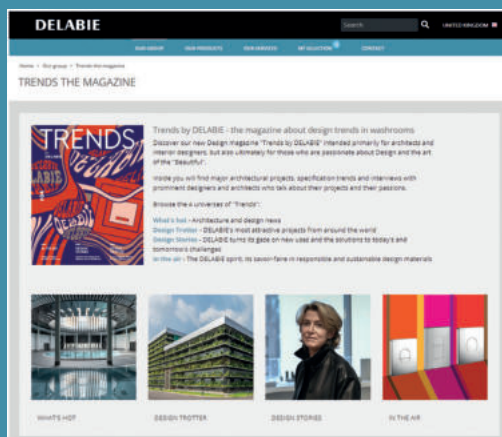
This catalogue will then be available in **Word, PDF and Excel** formats.



BIM: DELABIE'S CORE PRODUCTS ARE NOW AVAILABLE

To meet the requirements of BIM technology,
DELABIE has modelled its core products.

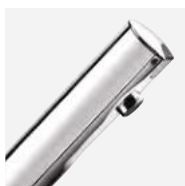
BIM files can be downloaded via the relevant product data sheet or via datashare.



TRENDS THE MAGAZINE: THE DESIGN TRENDS TAB

Browse the "Trends by DELABIE" magazine intended for those who are passionate about Design and the art of the "Beautiful".

Discover the 4 universes of "Trends" with major international projects, specification trends as well as interviews with prominent designers and architects who talk about their projects and their passions.



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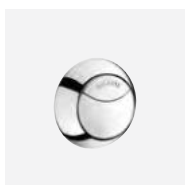
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EXCEPTIONAL WATER SAVINGS

Water, a precious resource

Water bills are increasing due to the scarcity of water and the increasing costs of treatment and redistribution. In developed countries, average **water consumption** per person has **multiplied by 10 in a century** and doubled in the last 30 years (Source: Centre for Information about Water, France).

In **public and commercial places**, the average consumption is 50% higher than for domestic use. It represents **200 litres per day, per person**. In some specific environments (hospitals, hydrotherapy centres, etc.) it can even exceed 500 litres per day, per person. In these environments the users' behaviour is different as they are not the ones who pay. Any malfunctions or leaks in public and commercial places take longer to be reported and fixed than in a domestic household.

Lowering water consumption

For better control of water consumption, the flow rates of DELABIE's water controls are among the lowest in the world: **3 lpm** for basins and **6 lpm** for showers.

Split delivery around soaping and automatic shut-off systems remove the risk of waste through user negligence. The time flow on basin controls is limited to **7 seconds**.

DELABIE's cistern-less flush system for WCs prevents leaks. A leaking toilet wastes approximately 600 litres of water each day.

(Source: Ministry of Ecology / UFC que choisir).

The WCs' intelligent **3L/6L dual flush**, the urinals' **3-second** flush or the electronic urinals' **high-frequency mode**, are all examples of ways to optimise water consumption.

All these DELABIE solutions and systems ensure **significant water and energy savings**, without compromising efficiency or user comfort.

Example of annual water savings

	Airport	Service station	Offices
Number of basins	1,500	20	125
Number of uses / day	600	250	30
Number of days open / year	365	365	230
Consumption / year (domestic 9 lpm)	1,576,800m ³	8,760m ³	4,140m ³
Consumption / year (DELABIE 3 lpm)	197,100m ³	1,095m ³	518m ³
Annual savings including VAT	£14,224,707	£79,026	£37,342

Average price per m³ of mixed water in the UK: £10.31 incl. VAT.
See water consumption comparison page 19.

ENVIRONMENTAL POLICY

Environmental Labels

DELABIE's mixers and taps are designed for public and commercial places. Their performance level fully exceeds the highest standards required by accreditation schemes such as WELL, WEPLS, EU Ecolabel, European Water Label, etc. which are mostly concerned with domestic mixers and taps.

DELABIE is committed to the main environmental labels for buildings such as **BREEAM, LEED, HQE, etc.** Solutions for optimising flow rates and automatic shut-off are examples of ways to reduce water and energy consumption.

DELABIE's mixers and taps can help project managers achieve the highest performance levels for buildings within these schemes. *For more information see page 8.*

Repairability

When you install a DELABIE product, you are installing a product that is designed to last.

The quality of our products is such that they will operate for many years without requiring repairs. DELABIE is one of the few manufacturers on the market offering **a 30-year warranty**.

In addition to their exceptional durability, our products can also be maintained over a very long period of time. We have made our **spare parts available for 50 years** meaning that our products can be repaired rather than replaced.

Thanks to interchangeable and standardised cartridges and repair kits, our products' spare parts can be quickly replaced without the need for any specialist tools.

Our team of technical support experts is available by telephone in the UK and across our subsidiaries to guide you through the repair process and provide advice and documentation whenever required.

DESIGN

Commercial environments and design

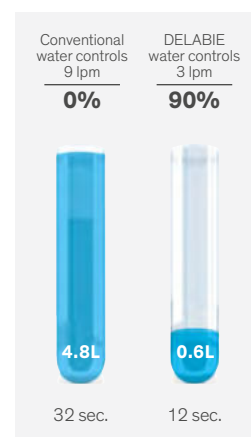
DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings. In prisons, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

Design without constraints

Aesthetic products are subject to less vandalism as they are better respected. The **smooth shape** of the mixers and taps reduces the build-up of dirt and facilitates cleaning. Easy but secure access to the control mechanisms ensures easy maintenance.



Water saving per use (electronic basin taps)

30 YEAR
WARRANTY

50 YEARS
REPAIRABILITY

50 years repairability



Discover our water savings video



Timeless design

COMFORT AND ERGONOMICS

Adapting to each individual

DELABIE's products are suitable for **all types of public and commercial places**: schools, airports, offices, service stations, restaurants, etc.

The solutions are designed for all types of user regardless of their age, culture, or level of independence: the use of DELABIE's products is intuitive.

Some models incorporate automated features.

Preserving user comfort

Washrooms in public and commercial places should provide the user with the **same level of comfort found at home**.

Thermostatic controls deliver water at a **stable temperature**. The progressive temperature lever ensures safe temperature control. **Soft-touch operation** or **electronic** systems are easy for the elderly, disabled people or children to use. Direct flush valves have a **low acoustic level** and comply with the European standard EN 12541 class II. The shower head nozzles, regulated at only 6 lpm, and flow straighteners provide a comfortable water flow.

A WIDE PRODUCT RANGE

A **diverse product range** enables DELABIE to meet the needs and requirements of public and commercial buildings.

DELABIE's products fit **basins, showers, urinals** and **WCs**.

Various **different models** of water controls are available: deck-mounted, wall-mounted, recessed or cross wall for the secure sector, for example.

Different technologies are available: electronic, time flow, mechanical and instant controls. Thermostatic mixers, anti-blocking systems, waterproof housings, soft-touch operation, etc., are amongst the examples of features adapted to specific uses.

SAFETY

Anti-scalding

The temperature of hot water found in systems is very high. All DELABIE mixers are fitted with a maximum temperature limiter.

On thermostatic models, the **anti-scalding failsafe** instantly shuts off the supply of hot water in the event of cold water supply failure.

Temperature stability

PREMIX and SECURITHERM **thermostatic mixers** regulate the temperature precisely. Even if there are pressure variations between the cold and hot water supplies, the temperature remains stable.

Reducing the risk of harm

User safety is taken into account right from the product design stage. Rounded and de-burred edges prevent any risk of injury. The streamlined and sleek design provides additional safety.

HYGIENE

Maximum user hygiene

Time flow and electronic controls offer maximum hygiene to users.

No manual contact after the valve shuts off, prevents the spread of germs by hand.

An automatic flush guarantees rinsing after each use. Good hygiene is ensured for the next user.

System hygiene

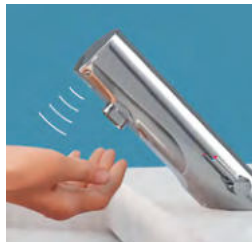
Unused mixers or taps (isolated point-of-use, washrooms closed during the holidays, etc.) leads to water stagnation in the system and can cause the development and proliferation of bacteria. All DELABIE's electronic controls are fitted with a **duty flush** programme. An automatic flush activates every 24 hours after the last use.

In WCs with cisterns, stagnant water at ambient temperatures encourages the development of bacteria. **Cistern-less direct flush** systems are one of many solutions for maximum hygiene in public and commercial places.

The variety of different concepts offered means that installations can comply with new European standards (German regulation Trinkwasser, French Directives of the 1st February 2010 and of the 30th December 2022, etc.).



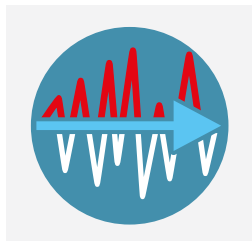
Soft-touch operation



No manual contact



Anti-scalding safety



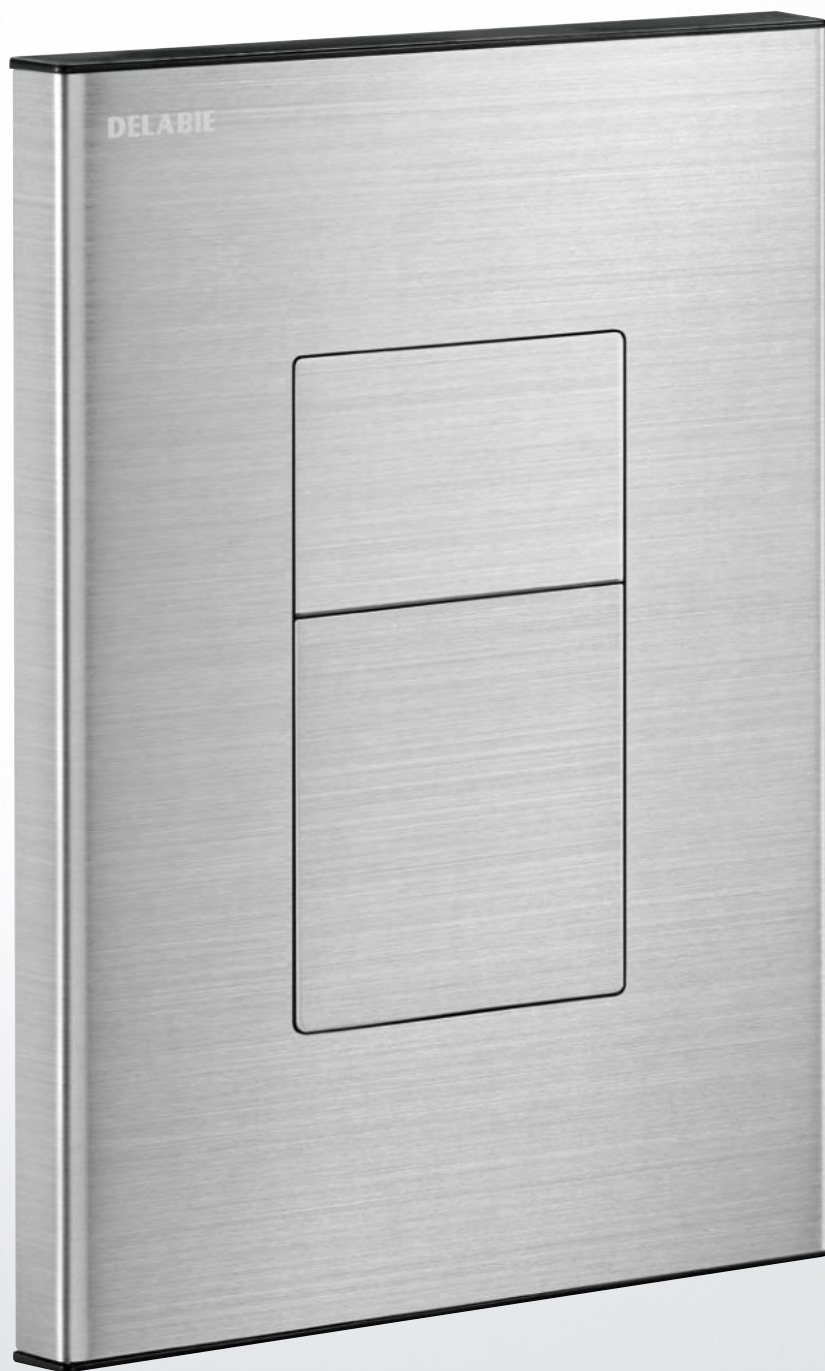
Temperature stability



Reducing the risk of harm



System hygiene





VANDAL-RESISTANT

DELABIE's controls have been specifically made from durable materials such as brass, stainless steel and reinforced fibreglass to withstand voluntary and involuntary vandalism.

DELABIE's products have a sleek design to prevent unwanted removal.

To prevent abuse and waste, certain models are fitted with an **anti-blocking system (AB)**.

In areas with high levels of vandalism, **cross wall** or **recessed** models are ideal. The mechanisms and fixings cannot be accessed by the user.

EASY TO INSTALL

To save time during installation, DELABIE's products are **quick to install** and **adjustments are kept to a minimum**.

Flow rates are pre-set at economical levels which prevent splashing and require no further adjustment, even for group installations.

Flow rates can still be adjusted to overcome excessive or insufficient pressure and/or achieve optimised levels for environmental labels.

Automatic flow rate regulation is integrated, for example, in the shower systems.

Shower panels are delivered ready to install. The majority of basin mixers are supplied with flexibles that have pre-fitted stopcocks, filters and non-return valves.

MINIMAL SERVICING

All mechanisms are made from **scale-resistant materials** and are **self-cleaning**. The timing systems are made from Hostaform® (a smooth material on which scale does not adhere).

Flow straighteners and shower head nozzles have a special system which reduces water retention and the build-up of scale.

All mixers/taps are supplied with **filters**, to protect the controls from impurities found in the system.

SIMPLE TO MAINTAIN

Mechanisms are integrated in the one-piece modules. Access is easy with no need to remove the tap or valve, whilst guaranteeing resistance to vandalism.

Components are standardised and interchangeable. Electronic systems have integrated LEDs to aid diagnostic checks.

DELABIE's technical support is available to provide any assistance necessary.

All installation guides are available online at www.delabie.co.uk.

RELIABILITY

Superior endurance

All products are subjected to endurance tests under extreme conditions in DELABIE's laboratories.

The products are designed specifically for intensive use in all types of public and commercial environments and in highly frequented places.

Resistance to intensive use

The average lifespan of the batteries extends to 350,000 cycles, i.e. **3 to 6 years**.

Time flow systems and solenoid valves are self-cleaning.

Their lifespan is a minimum of **500,000 operations**.

There is no metal-metal or metal-plastic friction, ensuring reliable and durable timing.

WARRANTY

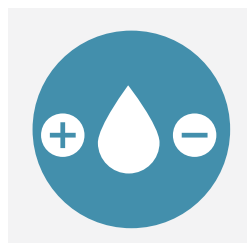
All DELABIE's time flow and electronic controls have a 30-year warranty against manufacturing defects.



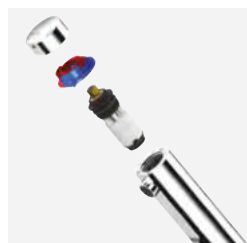
Vandal-resistant



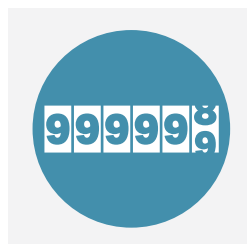
Anti-blocking system



Flow rate adjustment



Simple to maintain



Superior endurance



ENVIRONMENTAL LABELS

Saving drinking water is a growing concern: to achieve green credentials for a building or, more generally, in an ecological context. [A suitable mixer, tap or valve ensures the sanitary quality of the water and its sustainable use.](#)

Today, many project owners want an accreditation for their building as solid proof of its environmental performance. Destined for accommodation, industrial or commercial use, the certified building sees its heritage value increase with a "sustainability stamp".

In the current context of global warming and the rising cost of energy resources, sustainable use of the building is synonymous with saving energy.

Reducing water consumption is also an integral part of achieving accreditation. These savings also help to reduce the energy bill by reducing the energy required to heat the water (it takes approximately 34kW to heat 1m³ of water).

[DELABIE is committed to the environmental approach for buildings in accordance with the main environmental labels such as BREEAM, LEED, HQE, etc.](#)

DELABIE is also participating in the development of an environmental label as part of the [European Bathroom Forum](#). This label is voluntary and will come into effect when it is approved by the European Commission.



THE ADVANTAGES OF SPECIALIST WATER CONTROLS FOR PUBLIC AND COMMERCIAL PLACES

The DELABIE Group, committed to preserving the future, contributes to sustainable development by **limiting the use of natural resources**.

Exceptional water savings

DELABIE's water controls (electronic and time flow) reduce waste and prevent user neglect.

Water volumes are optimised to the necessary minimum without altering efficiency and comfort during use.

“**Choosing DELABIE products is choosing environmentally friendly products**”

Water controls which shut-off automatically reduce waste and prevent user neglect. This is achieved when hands are removed from the detection zone (for electronic controls) or after a timed flow (for time flow controls): 7 seconds for washbasins and WCs, 30 seconds for showers and 3 seconds for urinals.

For perfect optimisation of the water resource, **the flow rates** of water controls are **reduced** to 1.4 lpm for washbasins, 6 lpm for showers and 9 lpm for urinals.

“**Automatic shut-off and reduced flow rates for better control of water consumption**”

WCs with 3L/6L dual flush, **adaptable flush programmes** on the electronic controls and **the high-frequency mode** on urinals are additional ways to save water.

“**DELABIE designs ecological water controls**”

DELABIE's water controls support **an environmental and ethical approach**

GREEN time flow solutions

Time flow controls operate **independently** without electrical supply, therefore, they **do not consume any energy**.

“**Autonomous time flow controls**”

They are made from **sustainable materials that are 100% recyclable**.

They are equipped with **self-cleaning**, time flow **mechanisms**. Their lifespan exceeds 500,000 operations.

Economical electronic solutions

DELABIE's electronic water controls require **very little energy** to operate.

The battery-operated versions operate independently for **3 - 6 years** on average.

They use standard, affordable and recyclable batteries.

“**Economical electronic water controls**”

The first principle of saving water is to **prevent waste**

Effective direct flush system for WCs

Flush valves consume a significant amount of water.

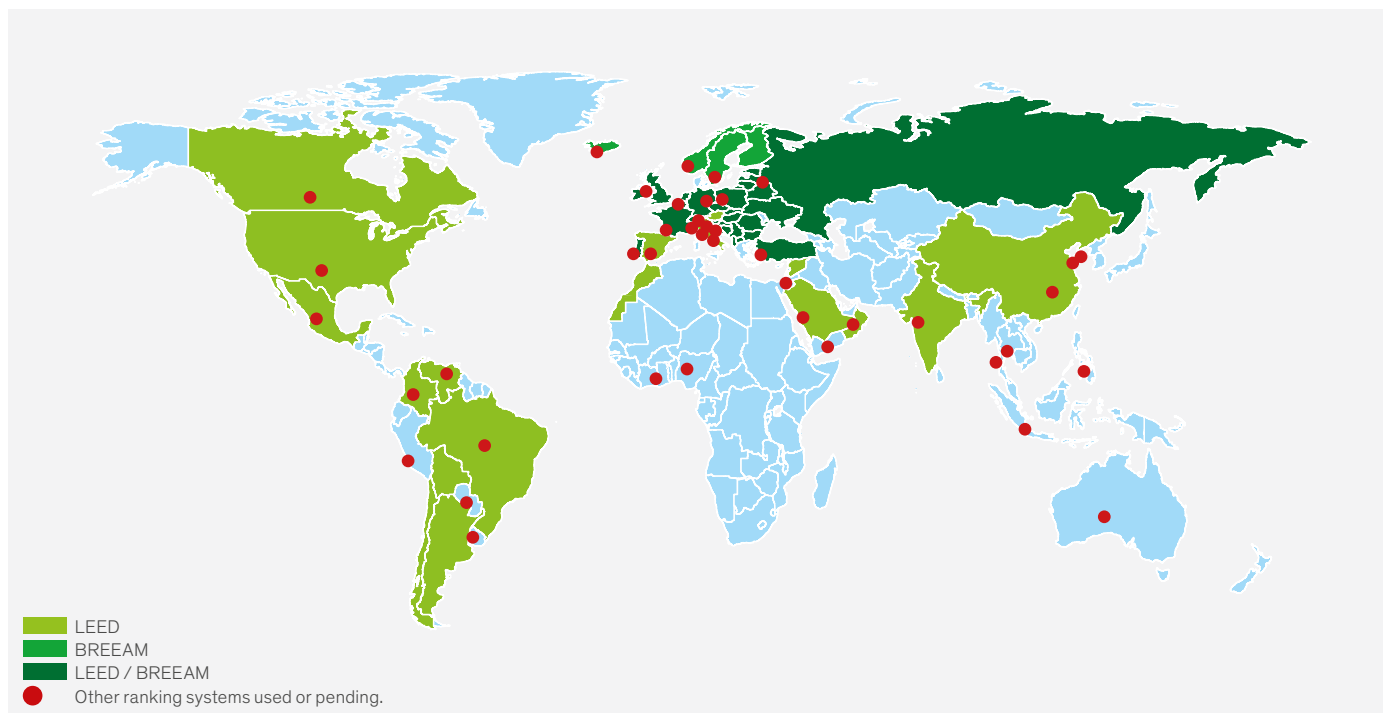
Leaks from cisterns are practically invisible and can quickly inflate the water bill.

DELABIE develops **direct flush systems** without cisterns exclusively. Connected directly to the system, the flush is more effective, with no water stagnation and a reduced risk of leaks. The flush mechanisms are reinforced for intensive use.

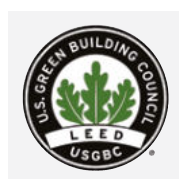
On the time flow versions, the **3L/6L dual flush, adjustable to 2L/4L**, helps to reduce the water volume. Electronic water controls offer **intelligent flushing** which adapts to the required use.

Sustainable water controls

In addition to their undeniable advantages in terms of sustainable development, they also provide guarantees of **reliability, simple maintenance** and **hygiene**.



THE PRINCIPAL ACCREDITATION SCHEMES FOR BUILDINGS



American LEED

Leadership in Energy and Environmental Design

- High environmental quality buildings
- Global evaluation for buildings
- Credit system
- 4 levels of certification



British BREEAM

BRE's Environmental Assessment Method

- Sustainable building development
- Environmental performance
- New buildings or refurbishment projects
- Credit system



French HQE

"Haute Qualité Environnementale"

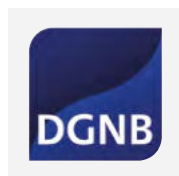
- Environmental approach
- Controlling the building's life cycle
- Points system
- 3 levels of performance



Dutch BREEAM NL

BRE's Environmental Assessment Method

- Sustainable building development
- Environmental performance
- New buildings or refurbishment projects
- Credit system



German DGNB

"Deutsche Gesellschaft für Nachhaltiges Bauen"

- Sustainable quality and building development
- Hydro-economic solutions
- New buildings
- Points systems with 3 levels of certification



German BNB

"Bewertungssystem Nachhaltiges Bauen für Bundesgebäude"

- Sustainable approach
- Controlling the building's life cycle
- Public buildings
- Points systems with 3 levels of performance



Middle Eastern ESTIDAMA

Sustainable development

- Sustainable way of life
- Methodology for building design
- Preservation of Abu Dhabi
- 3 levels of certification

ENVIRONMENTAL LABELS

The performance levels of DELABIE's water controls, in terms of water and energy savings, help to achieve the highest levels of the international environmental labels.



EUROPEAN AND GLOBAL CERTIFICATION

ACS

ACS: "Attestation de Conformité Sanitaire"
CPDW directive
Decree of 29 May 1997, amended
Ministry of Health Circular
DGS/SD7A2002 no. 571 of 25 November 2002

CE

CE certification
for electronic controls:
2014/30/UE and
2014/35/UE directives



NF EN certification
French and European standards
NF EN 816
NF EN 1111
NF EN 15091



Certification
ISO 9001: 2015
Quality Management
System



The NF mark - SANITARY FITTINGS

Certificate of product conformity
- to the certification repository approved by CSTB and AFNOR
- to the additional technical requirements demanded by the market.

The products shown here comply with the French and European standard EN 816:
taps/valves with automatic shut-off. *Decision no. 341-M1-23/1 of 9 February 2023*
pronounced after tests undertaken in the CSTB laboratory.

Taps with timed shut-off

Type of product	References	Acoustic class	Lap
L01 Basin	746000	I	7
L02 A Basin	745100	I	11

Mixers with timed shut-off

Type of product	References	Acoustic class	Lap
M01 Shower	790000	II	27
M02 Basin	795000	I	11



European Water Label (EU)



TMV3 (UK)



WRAS (UK)



BELGAQUA

BELGAQUA (BE)



WaterMark

WATERMARK (AU)



KIWA (NL)



DIN-DVGW (DE)



SINTEF (NOR)



PZH (PL)



ZNAK BUDOWLANY B (PL)



GA (HK)



WELS (HK)



WATER QUALITY: VARIOUS EUROPEAN MONITORING POLICIES

France, Germany, the United Kingdom and the majority of European countries, each has their own specific regulatory requirements for monitoring bacteria in water systems.

These regulations have a common premise (circulating loops, hot water temperatures, etc.) but they also have specific aspects that could provide inspiration for other countries.

In the majority of European countries **there is a legal obligation to safeguard the bacteriological quality of the water in the system by regular monitoring, sampling and analysis.** However, the methods, and subsequent follow-up action, differ.

In France, the search for **legionella** is obligatory.

The Directive of 1st February 2010 identifies three levels of monitoring and sampling protocols. Since 1st January 2012, monitoring has been extended to all buildings open to the public. Germany has adopted the same threshold levels as France, while the United Kingdom is stricter: it conducts additional testing at levels over 100 Colony Forming Units per litre (CFU/L) and initiates curative procedures above 1,000 CFU/L.

The French Directive of 30th December, 2022, requires certain priority buildings open to the public to conduct an assessment of the risks associated with their sanitary installations. The goal is to focus monitoring on the sensitive points identified during the risk assessment to improve the quality of water intended for human consumption. Emphasis is placed on the lead limit level (10 µg/l) and the presence of legionella.

Legionella testing must be carried out in compliance with the directive of the 1st February, 2010. The rules of this new directive have been applicable since the 1st January 2023, for new buildings and by the 1st January 2029, at the latest for existing ones.

4.3 million
healthcare acquired
infections in Europe
of which
90,000
are fatal

47%
of cases
of legionnaires
disease are in public
or commercial
places

Pseudomonas aeruginosa, considered the third largest cause of fatal nosocomial infections, is also being monitored. In France there aren't any regulations. Nevertheless, the technical guide "*Water in healthcare establishments*", drawn up in 2005 by a working group under the aegis of the Ministry of Health, mentions the monitoring levels for *Bacillus pyocaneus* (*Pseudomonas*).

This guide recommends quarterly checks of points where water is considered to be representative of the actual quality of distributed water.

The *Department of Health and Social Care* (DHSC), Ministry of Health for the United Kingdom, has addressed the issue of tap and water system contamination by this bacteria.

The *Health Technical Memorandum* (HTM 04-01), updated in 2016, provides guidance on best practice for monitoring and testing for these two pathogens, and identifying the level of contamination in water, to ensure compliance with current regulations.

For *Pseudomonas aeruginosa*, action is initiated as soon as the alert level is reached, that is to say, above 1 CFU/100mL.

In Germany, in the framework of monitoring for *Pseudomonas aeruginosa*, hospitals and healthcare establishments must test twice a year.

The satisfactory level is 0 CFU/100mL.

Remember that this bacteria which colonises the system from the interior of tap/mixer spouts, rapidly becomes entrenched. If no solution is put in place once *Pseudomonas aeruginosa* is established in a mixer or tap, it will progressively colonise the tails and pipework. At this stage it will be impossible to eradicate and will become a threat to the whole system.

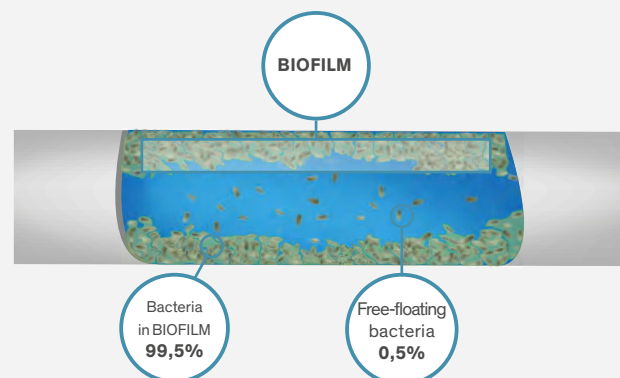


Regardless of which materials the pipework and water controls are made from, **biofilm** will form in all sanitary installations after a few weeks or months of operation.

This biofilm is the source of one third of nosocomial illnesses. According to the *National Institute for Health and Care Excellence* (NICE, 2023), it is estimated that 300,000 patients in England acquire a nosocomial infection as a result of care within the National Health Service.

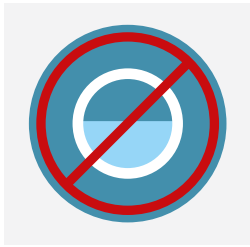
The *European Centre for Disease Prevention and Control* (ECDC) calculates that healthcare-acquired infections affect 4.3 million patients every year and are responsible for over 90,000 deaths annually.

Not forgetting that non-healthcare buildings that are open to the public are also at high risk. According to statistics by the *French Public Health Board*, 28% of Legionella cases identified in 2022 were linked to visits to hotels, tourist accommodation, campsites, swimming pools and sports stadia, compared to 11% linked to healthcare facilities (hospitals, retirement homes, etc.).

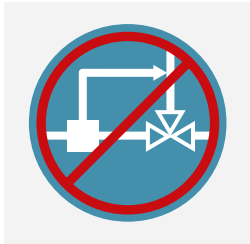


“Hotels, tourist accommodation, campsites, swimming pools, stadiums, etc. are equally high risk.”

EUROPEAN WATER QUALITY REGULATIONS



Stagnation prohibited



Bypass prohibited



Measuring pressure



Measuring the temperature



Training relevant personnel

Regular flush

According to the French, German and English regulations, water stagnation (in sanitary installations, mixers and taps) is a key factor in bacterial contamination. The [European standard EN 806-5](#) requires that those sections of the installation that are used infrequently should be flushed at regular intervals. The recommended interval is once a week. [All public and commercial buildings](#) are affected, in particular schools and council buildings during the school holidays, campsites out of season, unoccupied hospital rooms, etc.

The German Directive of April 2013, *Hygiene in Drinking Water Installations VDI/DVGW 6023*, requires purging to be carried out after 72 hours of stagnation (this also includes WC cisterns).

Note that the water in the bypass is not sufficiently renewed. They are therefore prohibited. If an installation is not used for 72 hours, rigorous protocols are put in place. DELABIE sees this as a step forward and offers technical solutions to meet this requirement (see opposite: *electronic water controls*).

“The German directive requires purging to be carried out after 72 hours of stagnation.”

Undersized pipework

The German regulation strictly prohibits oversized pipework because they promote bacterial growth by reducing the water velocity. [DELABIE, along the same lines, recommends slightly decreasing the diameter of the pipes to increase the water velocity to 2 m/sec.](#) (likewise the French regulation (DTU) recommends 1.5 m/sec.). This measure prevents the excessive development of biofilm and helps to reduce the risk of contamination without increasing noise levels.

“Oversized pipes are strictly prohibited.”

Training

Understanding the problems associated with bacterial growth in water systems helps to limit the risk of contamination. Although French legislators have not yet focused on [training those responsible for the water system, it is embedded and pursued in Germany](#) (with three training levels, depending on the level of responsibility) [and in the United Kingdom](#) (with personnel competency and training programmes monitored by the *Water Safety Group*).

“Training those responsible helps to control bacterial proliferation.”

Circulating loops

A circulating loop up to the point-of-use is not recommended. It doubles the length of the pipework and therefore doubles the water volume. The biofilm surface is increased and, as a result, also the risk of bacterial development. Moreover, it makes it difficult to maintain high temperatures at all points in the circulating loop. Finally, it also makes it difficult to keep the pipe run volume to less than the 3 litres recommended by European directives. Indeed, if the water temperature in a circulating loop is less than 50°C or 55°C (depending on the country), the water volume in the circulating loop must be included in the 3 litre maximum calculation.

“A circulating loop up to the point-of-use is not recommended.”

Building Management Systems

Contrary to popular belief, Building Management Systems are not recommended by European directives as they can be complicated, difficult to handle and extremely costly and do not take away liability if a problem occurs.

DELABIE'S SPECIFIC ADVANTAGES

DELABIE is particularly concerned with the fight against, and prevention of, bacterial development. The company is constantly developing new products with unique features.

Electronic water controls

DELABIE's models are programmed with a periodic duty flush.

An **automatic flush** takes place every 24 hours after the last use, to prevent water stagnation and, therefore, bacterial proliferation.

Similarly, DELABIE has developed a **reduced-stagnation solenoid valve (patented)**.

Unlike all other available models which have areas of permanent water stagnation, the water is completely renewed inside DELABIE's solenoid valve.

For more information see page 19.

Thanks to these characteristics, DELABIE's electronic controls are the only ones to guarantee a regular and complete renewal of the water in all the internal parts, avoiding any risk of bacterial proliferation. They are therefore the only ones which comply with the European standard EN 806-5.



Reduced-stagnation solenoid valve

Thermostatic mixing valves

To reduce the risk of bacterial development (legionella etc.), public and commercial buildings should distribute hot water at temperatures of at least 50°C (55°C in healthcare facilities). To reduce the risk of scalding, all DELABIE's thermostatic mixing valves are fitted with **special safety devices**.

They are supplied with a maximum temperature limiter pre-set at the factory.

The PREMIX range of group thermostatic mixing valves allows the facilities manager to maintain temperatures that comply with the regulations while ensuring user safety.

For more information see page 151.

Scalding can also be prevented

at the point-of-use itself thanks to the SECURITHERM range of mixers and shower panels.

PREMIX and SECURITHERM thermostatic mixers ensure that the hot water supply shuts off if the cold water supply fails.

Direct flush WC systems with no cistern

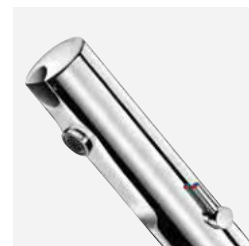
The insides of toilet cisterns are covered in biofilm. The large surface area of cisterns, plus water stagnation, make the cistern a major risk factor for the proliferation of bacteria; they can spread in sanitary installations.

By removing the need for toilet cisterns, DELABIE's direct flush systems eliminate the risk of bacterial proliferation.

For more information see page 199.

WC flush system with no cistern

- no water stagnation
- no bacterial development



TEMPOMATIC MIX 4
Automatic duty flush
Reduced-stagnation solenoid valve



PREMIX
Maintains the temperature in the system
Anti-scalding safety



TEMPOFLUX 3
Direct flush with no cistern

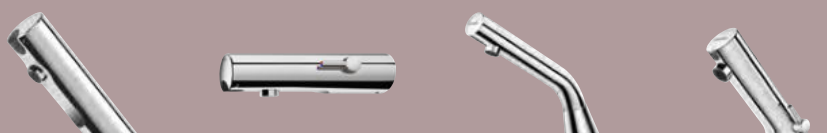
DELABIE's electronic controls are unique in being able to guarantee a **regular and complete renewal of the water** in all the internal parts.

Required by the standard EN 806-5



Basins

ELECTRONIC
CONTROLS
19



TIME FLOW
CONTROLS
47



HANDS-FREE
CONTROLS
71



FITTINGS FOR
WATER FOUNTAINS
AND HAND
WASHBASINS
72



ADDITIONAL
FITTINGS
74





HYGIENE AND INFECTION CONTROL

Opens/closes automatically, with no manual contact

Electronic mixers and taps are operated by active infrared detection.

Flow opens when the detector senses hands and shuts off automatically when hands are removed from the detection zone.

No manual contact prevents the spread of germs by hand.

Anti-bacterial duty flush programme

If a mixer or tap is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during holidays, etc.). DELABIE's electronic mixers and taps have a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use (programmable on some models).

Reduced-stagnation solenoid valve

Most solenoid valves are fitted with a rubber membrane behind which water stagnates and is not renewed.

This can lead to bacterial proliferation.

DELABIE has developed a technology without a membrane (patented system).

With this **piston-operated solenoid valve**, water is drained and renewed with every use **which reduces niches where bacteria can develop.**

The solenoid valve's self-cleaning system with a calibrated groove reduces the build-up of dirt. Furthermore, its slow closure eliminates water-hammer.

Hygienic flow straightener

Unlike conventional aerators, DELABIE's flow straighteners are specially made from **Hostaform®**, a material that is highly scale-resistant (build-up of scale is 10 times slower).

They minimise water retention and the build-up of dirt, and prevent the spread of germs.

PEX flexible hoses

These flexible hoses will withstand the thermal and chemical shocks undertaken in public and commercial buildings for preventative or curative treatments against the development of bacteria.

EXCEPTIONAL WATER AND ENERGY SAVINGS: 90%

Exceptional water savings

Compared to conventional mixers and taps, DELABIE's electronic mixers and taps can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

• Automatic shut-off and split delivery

The mixer or tap shuts off automatically when hands are removed from the detection zone.

This removes the risk of waste through negligence. The anti-blocking security activates to prevent the mixer or tap from flowing continuously.

The flow time is reduced to the necessary minimum (wetting, rinsing).

• Flow rate regulated at 3 lpm

DELABIE's electronic mixers and taps are regulated at **3 lpm**. The flow rate remains constant regardless of pressure variations in the system. The flow rate can be adjusted from 1.4 (see *environmental labels*) to 6 lpm.

Energy savings

The electronic mixers and taps do not require much energy to operate. For battery-operated models, DELABIE has chosen infrared active pulse technology, **a low-power consumption solution.**

The infrared beam is emitted intermittently, saving energy while ensuring effective detection.

Battery-operated models have an average lifespan of **350,000 cycles** (i.e. 3 to 6 years) depending on the frequency of use.

The Lithium batteries are widely available, affordable and recyclable.

The exceptional **hot water savings** provided by DELABIE's mixers and taps also result in energy savings.

Environmental labels

The water and energy saving performance of DELABIE's electronic mixers and taps means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

For more information see page 8.



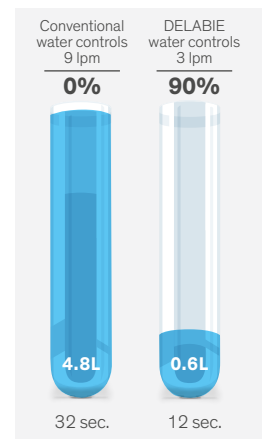
Hygiene and infection control



Reduced-stagnation solenoid valve









No manual contact



Water savings per use

COMPARISONS OF WATER CONSUMPTION

Conventional controls & DELABIE's electronic controls comparison

Flow rate	Wetting	Soaping	Rinsing	Water consumption
9L	 5 sec.	 20 sec.	 7 sec.	4.8L 32 sec.
3L	 5 sec.		 7 sec.	0.6L 12 sec.



Vandal-resistant



Reinforced fixing



Diagnostic LED



Simple to maintain



SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Resistant to intensive use and vandalism

DELABIE's electronic mixers and taps are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The mixer and tap bodies are made from chrome-plated metal, fitted with **shock-resistant** mechanisms and sensors. The **reinforced fixings** will stand up to intensive use.

Streamlined designs prevent unwanted removal. To prevent abuse and wasted water, all models are fitted with a system to prevent blocking during flow. For areas that require tamperproof installations, there are recessed and cross wall versions with mechanisms that cannot be accessed by the user.

Easy to install

DELABIE's products are **easy to install** and **adjustments are kept to a minimum** in order to save time during installation.

• Independent electronic control unit: BINOPTIC, TEMPOMATIC, TEMPOMATIC 2 and PRO models

Depending on the model, there is an option to adjust the presence detection distance, to change the operating mode (ON/OFF or automatic) and change the duty flush settings.

The battery-operated models work autonomously for 3 to 6 years.

The electronic control units are waterproof (IP65) with diagnostic LEDs to facilitate servicing.

• Electronic unit and solenoid valve integrated in the body of the mixer/tap*: BINOPTIC 2, TEMPOMATIC 4 and 5 models

Can be installed on any isolated point-of-use, for new builds as well as renovation.

- 6V Lithium batteries*:

There are no electrical connections required. Simply connect the flexibles to the supply pipes in the same way as for a conventional mixer/tap. No special adjustment is necessary, the mixer/tap is ready to operate independently for 3 to 6 years. A red LED will flash for 15 days to indicate that the battery life is low. The batteries can be changed without shutting off the water supply or removing the mixer/tap.

The batteries are directly accessed through the head of the tap (TEMPOMATIC 4), or via a battery pack attached to the flexibles (BINOPTIC 2 and TEMPOMATIC 5).

- 230/6V mains supply (plug in or recessed)*:

To operate, simply connect the flexibles to the supply pipes and connect the electrical supply to the mixer/tap via a plug and socket or recessed connection close to the basin.

This does not require any specific maintenance (no battery changes).

* Depending on model

Reliable presence detection

DELABIE has chosen the most reliable detection system: **infrared active pulse**. It cannot be adjusted or affected by variations in light levels. On models with a sensor at the end of the spout, the infrared beam **adapts automatically**, to ensure that hands are detected in any position. DELABIE has incorporated a telemetric laser cell into certain models, for optimal presence detection.

Minimal servicing and simple to maintain

The **scale-resistant** components (flow straighteners, aerators, internal mechanisms) and filters ensure that minimal servicing is required. Maintenance is easier. The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

The electronic control units are fitted with LEDs to **aid diagnostic** checks, and **access** to the components (batteries, solenoid valve) is **direct**, without having to remove the mixer/tap.

Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Electrical supply*	230V / 50 Hz class II (without earth connection)
Electronic unit*	Independent waterproof IP65
6V Lithium battery*	CR 123 standard batteries Average lifespan ~350,000 cycles or 3 to 6 years
Duty flush programme can be adjusted*	60 seconds 12 or 24 hours after last use (or OFF)
Automatic shut-off in event of negligence	Prevents blocking in the open position
Temperature limiter	Can be adjusted
HW supply	55°C max
Recommended installation height for wall-mounted mixers/taps	110 - 200mm above base of bowl
CE	Complies with European directives CEM 2014/30/UE and BT 2014/35/UE

* Depending on model

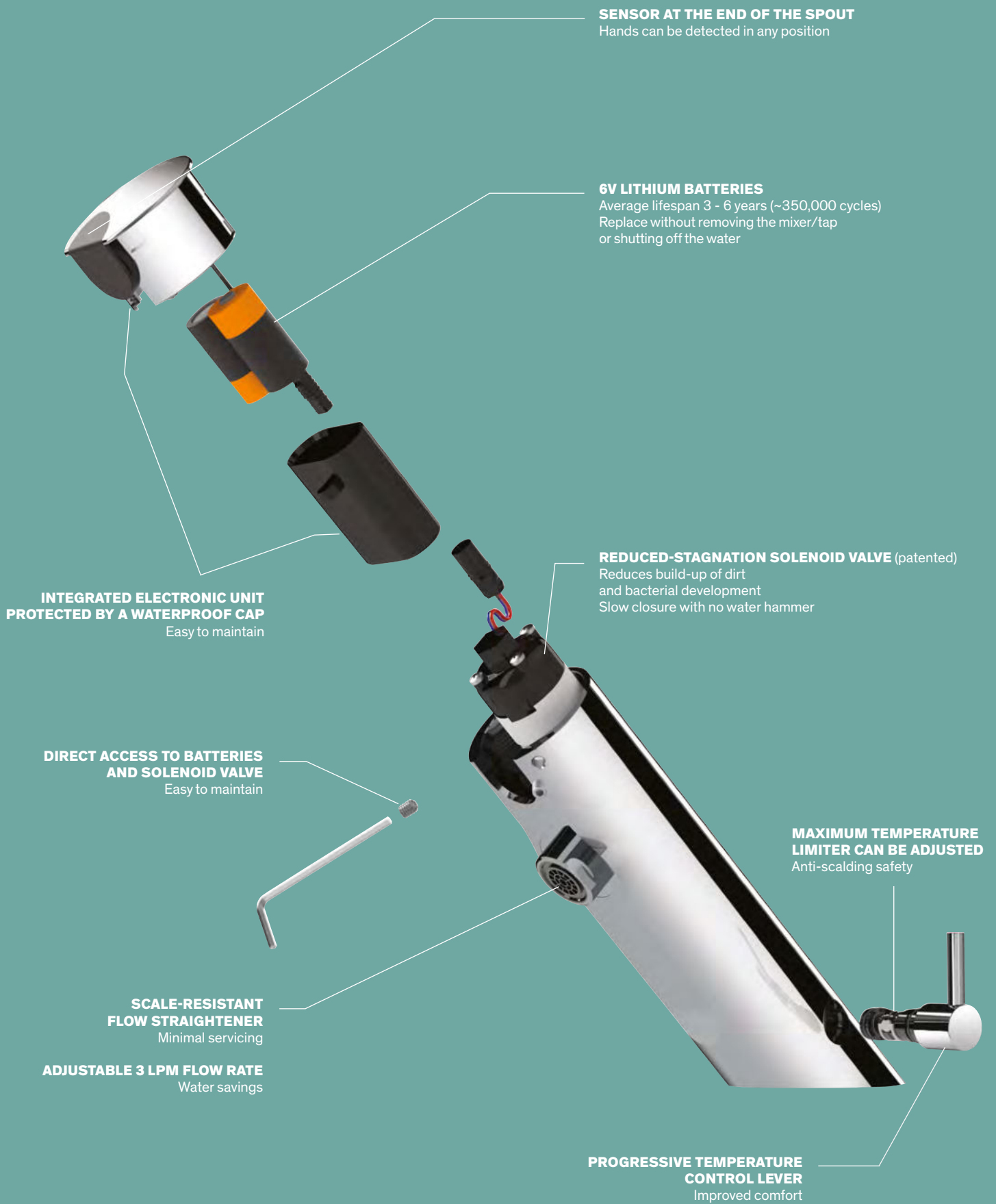
30-year warranty against any manufacturing defects.
50 years repairability.

DESIGN

DELABIE's products, known for their endurance and reliability, have a timeless design.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre it is paramount that the product design fits in with its surroundings. Aesthetic products are subject to less vandalism as they are better respected. The smooth shape of the mixers and taps reduces the build-up of dirt and facilitates cleaning. Easy but secure access to the control mechanisms provides easy maintenance.







- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** electronic system integrated into the body of the tap
- **Easy to replace the batteries:** after 3 - 6 years, without removing the tap or shutting off the water supply

TEMPOMATIC 4

Deck-mounted electronic basin tap/mixer

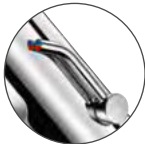
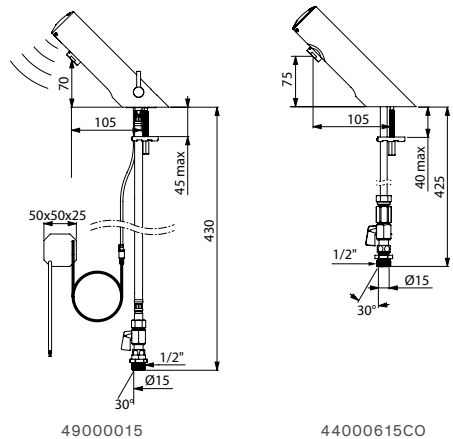
Pair it with



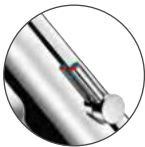
Soap dispenser
(see page 77)



- **230/6V mains supply** or **integrated CR123 6V Lithium batteries.**
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Duty flush** (~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated stainless steel body.
- Cap fixed in place by 2 concealed screws.
- PEX flexibles or copper tails, Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 30-year warranty.



Long lever



Standard lever

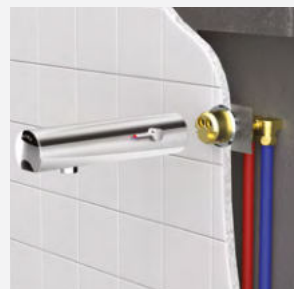
TEMPOMATIC MIX 4 mixer		
Recessed mains supply, PEX flexibles	49000015	£461.67
Plug-in mains supply, PEX flexibles	49000115	£435.12
6V Lithium battery-operated, PEX flexibles	49000615	£412.82
6V Lithium battery-operated, copper tails	49000615CO	£498.03
TEMPOMATIC 4 tap		
Recessed mains supply, PEX flexible	44000015	£385.00
6V Lithium battery-operated, PEX flexible	44000615	£350.00
6V Lithium battery-operated, copper tail	44000615CO	£400.00

We recommend installing a TMV for taps (see page 143)
Option: For long lever, please add "LH" after the reference

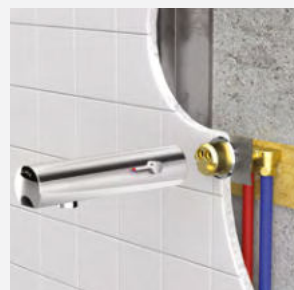


Recessed water inlets

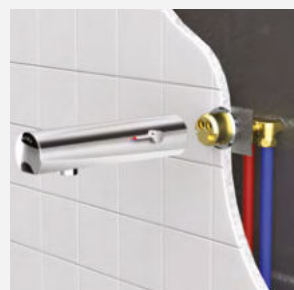
3 installation options



Recessed in concrete



Plasterboard rails



Solid walls

Cross wall

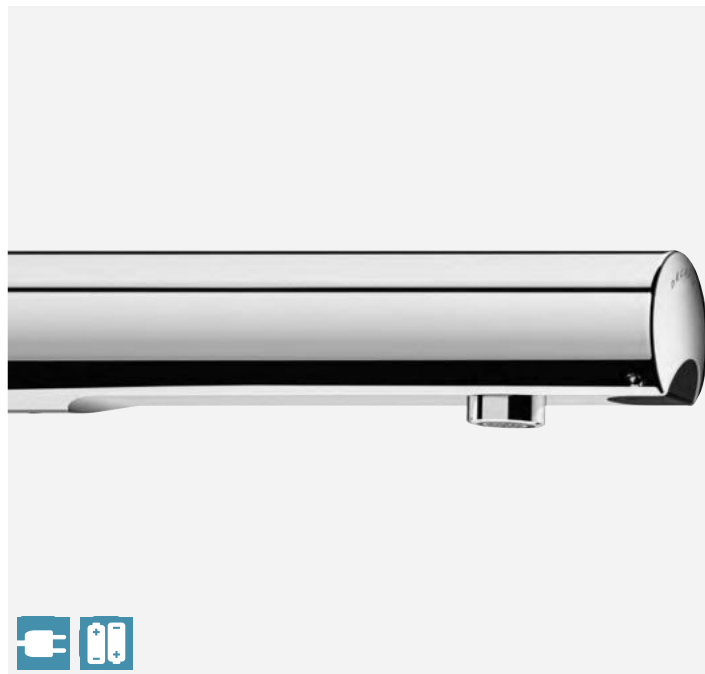




- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** electronic system integrated into the body of the mixer/tap
- **Easy to replace the batteries:** after 3 - 6 years, without removing the mixer/tap or shutting off the water supply

TEMPOMATIC 4

Wall-mounted electronic basin tap/mixer



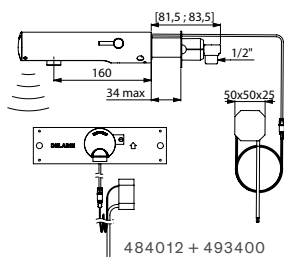
Pair it with



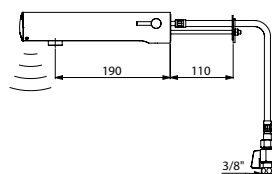
Soap dispenser
(see page 79)



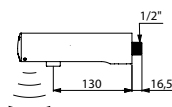
- **230/6V mains supply** or **integrated CR123 6V Lithium batteries**.
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Duty flush** (~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated stainless steel body.
- Cap fixed in place by 2 concealed screws.
- Compact nanny joint (for mixers with recessed water inlets).
- Stopcocks.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility. 30-year warranty.



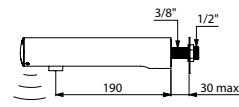
484012 + 493400



493516



443436



443506



Awards:

TEMPOMATIC MIX 4 wall-mounted mixer

Recessed mains supply

Kit 1: Nanny joint for recessed water inlet	484012	£165.45
Kit 2: Wall-mounted mixer L. 160mm	+ 493400	£473.36
Kit 1: Nanny joint for recessed water inlet	484012	£165.45
Kit 2: Wall-mounted mixer L. 220mm	+ 493500	£520.94
Cross wall L. 190mm	493510	£554.55

Battery-operated

Kit 1: Nanny joint for recessed water inlet	484612	£165.45
Kit 2: Wall-mounted mixer L. 160mm	+ 493406	£416.30
Kit 1: Nanny joint for recessed water inlet	484612	£165.45
Kit 2: Wall-mounted mixer L. 220mm	+ 493506	£463.89
Cross wall L. 190mm	493516	£500.50

TEMPOMATIC 4 wall-mounted tap

Recessed mains supply

Wall-mounted L. 130mm (recessed water inlet)	443400	£464.82
Wall-mounted L. 190mm (recessed water inlet)	443500	£509.95
Cross wall L. 130mm	443410	£464.82
Cross wall L. 190mm	443510	£509.95

Battery-operated

Wall-mounted L. 130mm (recessed water inlet)	443406	£363.97
Wall-mounted L. 190mm (recessed water inlet)	443506	£405.50
Cross wall L. 130mm	443416	£363.97
Cross wall L. 190mm	443516	£405.50
Panel-mounted ≤ 24mm or solid walls L. 130mm	443426	£368.86
Panel-mounted ≤ 24mm or solid walls L. 190mm	443526	£409.17
L. 130mm for refit	443436	£363.97
L. 190mm for refit	443536	£405.50

We recommend installing a TMV for taps (see page 143)

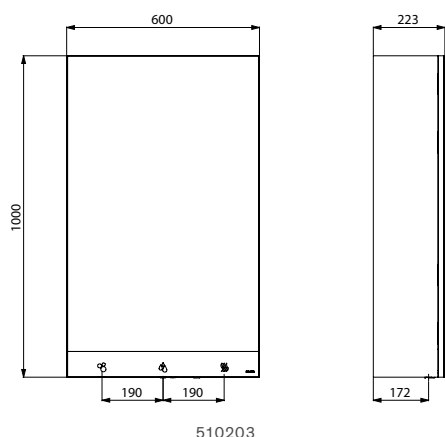


Mirror cabinet with 4 functions **510203**



- **Design:** 304 stainless steel cabinet with matte black finish
- **Hygiene:** no manual contact
- **Comfort:** 3 or 4 functions in one place

Mirror cabinet with 3 or 4 functions



510203

Awards: red dot winner 2023



Mirror cabinet with 4 functions

With hand dryer

Width 600 mm	510203	£2,117.45
Width 800 mm	510204	£2,488.29

With paper towel dispenser

Width 600 mm	510205	£1,830.32
Width 800 mm	510206	£2,195.19

Mirror cabinet with 3 functions - for deck or wall-mounted water controls

With hand dryer

Width 600 mm	510207	£1,757.91
Width 800 mm	510208	£1,964.72

With paper towel dispenser

Width 600 mm	510209	£1,468.37
Width 800 mm	510210	£1,664.85

TMV for models with taps

PREMIX NANO tmv F1/2" - Ø 15mm for compression fittings + connector	732115MEC + 808012	£112.19 £7.39
--	-----------------------	------------------

- **Mirror cabinet with 3 or 4 functions:** mirror, electronic soap dispenser, electronic tap (included in 4 function models) and hand dryer or paper towel dispenser.
- **Designer cabinet** in 304 stainless steel with matte black melamine finish.
- **Touch-free** for improved hygiene: soap dispenser, tap and hand dryer are automatically activated when hands are detected by infrared sensor.
- **Quick and easy to install:**
 - A single electrical connection for all the elements: 230V / 50-60Hz mains supply via transformer.
 - Connects to the water supply from the top or from inside the cabinet.
 - M $\frac{3}{8}$ " water connection.
 - Concealed fixings: supplied with stainless steel screws for concrete walls or reinforced wood.
 - Adjustable hinges.
- Glass mirror and black glass strip with **illuminated pictograms**.
- **Electronic soap dispenser:**
 - No-waste pump dispenser.
 - Large capacity tank: 5 litres.
 - Suitable for plant-based **liquid soap** with a maximum viscosity of 3,000 mPa.s or **specific foam soap**.
- **Electronic basin tap** (included in 4 function models):
 - Reduced stagnation solenoid valve.
 - **Flow rate pre-set at 3 lpm** at 3 bar, adjusts from 1.4 to 6 lpm.
 - Scale-resistant flow straightener.
 - Duty flush (~60 seconds every 24 hours after last use).
 - Stopcock.
- **Models with air pulse hand dryer:**
 - **High speed dryer.**
 - Pulsed air at 360 km/h. Airflow: 36 l/second.
 - Low energy consumption: 704W.
 - Noise level: 74 dBA.
 - Class I, IP23. CE marked.
 - 3-year warranty.
- **Models with paper towel dispenser:**
 - Dispenses one sheet at a time.
 - Dimensions: 120 × 275 × 360mm.
 - Capacity: 500 sheets.
- LED strip downlights for the basin.
- **Vandal-resistant model** with lock and standard DELABIE key.
- **Anti-blocking:** stops water automatically if continuous use is attempted.
- Internal storage shelf.
- **Several cabinets can be installed side-by-side** to create a mirror wall: linking screws are provided.
- CE marked.
- 30-year warranty (3-year for the hand dryers).


THE NEW BINOPTIC: A PREMIUM CONNECTED TAP

DELABIE Connect App

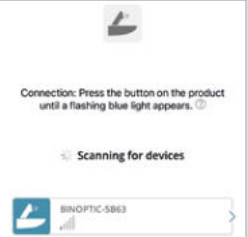
The BINOPTIC 2 can be adjusted using the app or manually directly on the tap.

With the DELABIE Connect app, configuring the BINOPTIC 2 Bluetooth® is quick and easy using a smartphone or tablet:

- Simple adjustment of the settings,
- Download usage statistics,
- Copy selected settings from one tap to another,
- Technical support.



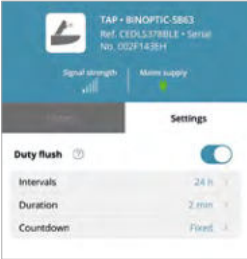
To activate Bluetooth®: press down on the button using an Allen key. When the blue LED appears, release the button. The blue LED will flash.



The app automatically recognises installed taps and suggests available settings.

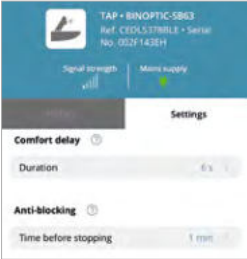
CHANGING SETTINGS

At DELABIE quick and easy installation is a priority. Configuring taps can take a significant amount of time during installation. The settings in the app are, therefore, simple and intuitive.



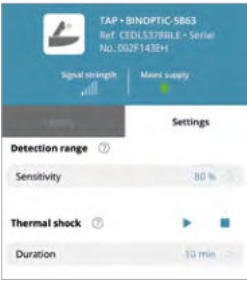
A **duty flush** is a purge of the pipes in order to prevent the development of bacteria. It is possible to choose:

- The intervals between flushes (every 12 or 24 hours) or to completely turn off the function,
- The length of rinse,
- If the flush will take place at a fixed time or at fixed intervals after the tap was last used.



The **comfort timing** (tap shut-off delay once hands or body are removed from in front the infrared sensor) can also be adjusted.


The **anti-blocking security** stops water flowing automatically when an object is left in front of the sensor. This prevents water wastage or vandalism. Its activation time can be set.



The **detection distance** can be set by adjusting the sensitivity of the sensor to the washroom surroundings (position, washbasin height, etc.).

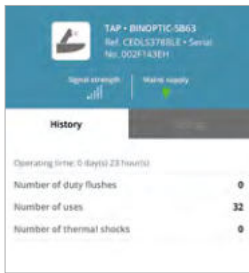
Thermal shocks (circulation of high temperature hot water in the pipework in order to eliminate bacteria) or **chemical shocks** (injection of disinfectant in the pipes) can be activated remotely. The duration of the flush can be set.

This function is secure: the tap will stop immediately if a user is detected.



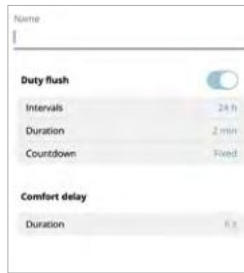
BINOPTIC MIX 2 Bluetooth® electronic mixer ref. 473110E

VIEW OPERATION HISTORY

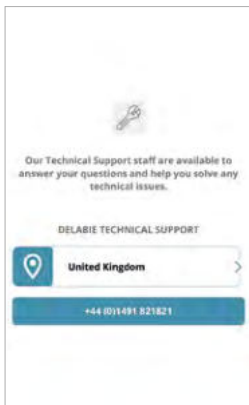


With the DELABIE Connect app, it is also possible to get **usage statistics** for the tap: such as total uses, total duty flushes carried out and their duration, or even the total number of thermal shocks carried out. This report can be sent by email.

MEMORY AND COPY SETTINGS FEATURE



The "copy-paste" feature allows selected settings to be saved in the app and copied to other taps. A sure way to save time when installing.



TECHNICAL SUPPORT

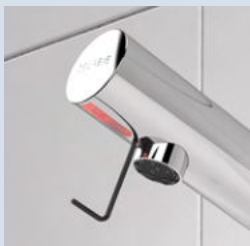
DELABIE Technical Support can be contacted by telephone if necessary. A report of usage and settings can be sent by email.



Wall-mounted BINOPTIC MIX 2 Bluetooth® electronic mixer ref. 484010E

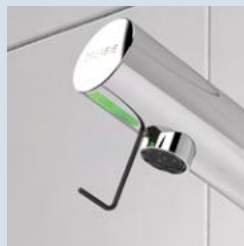
No smartphone, no problem!

Using a smartphone and the DELABIE app isn't essential for making the main adjustments. These settings can also be made directly on taps. Just insert a 1.5mm Allen key in the small hole designed for adjustments and change the settings by pressing the button.



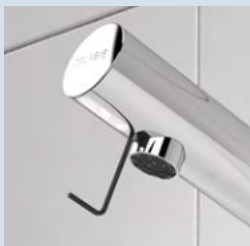
Thermal shock (red LED)

The tap begins a 10, 20 or 30 minute flush to carry out a thermal shock. This flush can be stopped by the user by pressing the button or by passing a hand in front of the sensor, to prevent any risk of scalding.



Duty flush (green LED)

The duty flush is set to activate 24 hours after the tap was last used. It can be modified to 12 hours or turned off.



Detection range (white LED)

The infrared presence detection range can be adjusted to suit any set up.



BINOPTIC 2 chrome-plated electronic basin tap **37301015** - BINOPTIC electronic soap dispenser **512021P**
HIGHFLOW hand dryer **510622**

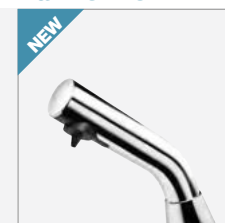


- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves
- **Simplified installation and maintenance:** LED diagnostic tool, set manually or using the Bluetooth® app

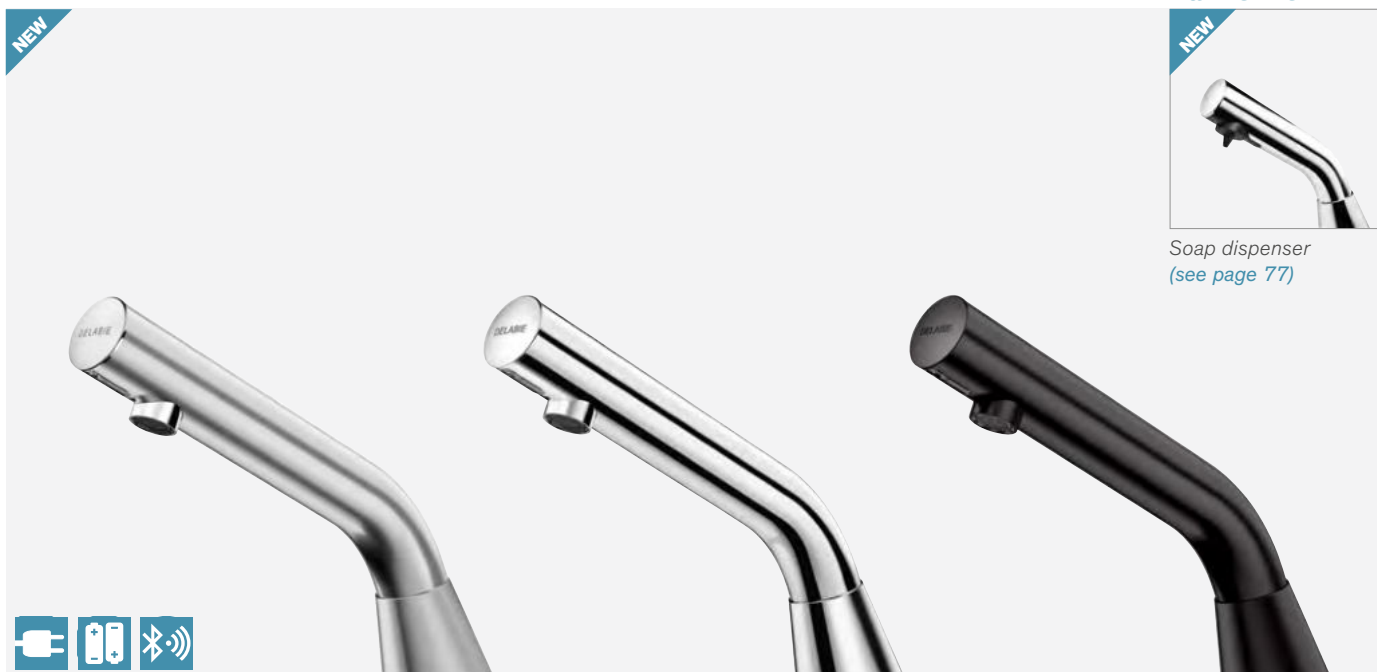
BINOPTIC 2

Deck-mounted electronic basin tap/mixer

Pair it with



Soap dispenser
(see page 77)



- **230/6V mains supply** or **CR123 6V Lithium batteries**.
- **Reduced-stagnation solenoid valve and electronic unit are integrated** into the body of the tap/mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant aerator.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- **Stainless steel tap/mixer, height 100mm for recessed washbasins.**
- Sensor at the end of the spout optimises presence detection.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set presence detection range, duty flush and launch thermal shocks (see page 29).
- **Bluetooth® version is available:** advanced settings and operational data download with the **DELABIE Connect application** (see page 28).
- Suitable for people with reduced mobility. 30-year warranty.



Standard lever

Product currently under development.

BINOPTIC 2 electronic tap/mixer height 100mm

Satin finish

Mixer - Mains supply	47300015	£529.77
Mixer - Battery-operated	47300615	£529.77
Tap - Mains supply	37300015	£458.94
Tap - Battery-operated	37300615	£458.94

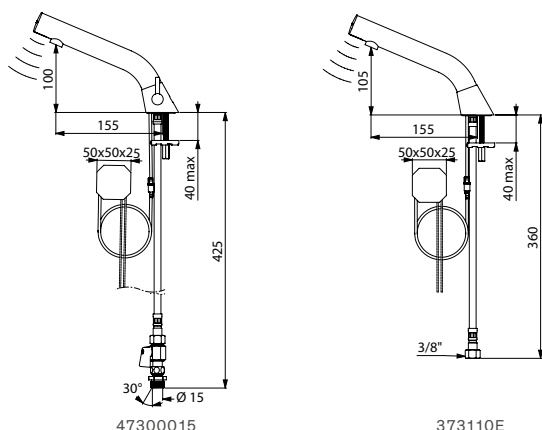
Chrome-plated finish

Mixer - Mains supply	47301015	£529.77
Mixer Bluetooth® Connect series	473110E	£601.57
Mains supply Without stopcocks		
Mixer - Battery-operated	47301615	£529.77
Tap - Mains supply	37301015	£458.94
Tap Bluetooth® Connect series	373110E	£533.21
Mains supply Without stopcocks		
Tap - Battery-operated	37301615	£458.94

Matte black chrome finish

Mixer - Mains supply	47303015	£598.11
Mixer - Battery-operated	47303615	£598.11
Tap - Mains supply	37303015	£527.78
Tap - Battery-operated	37303615	£527.78

We recommend installing a TMV for taps (see page 143)







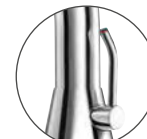
- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves
- **Simplified installation and maintenance:** LED diagnostic aids, set manually or using the Bluetooth® app

BINOPTIC 2

Deck-mounted electronic basin tap/mixer



- 230/6V mains supply or CR123 6V Lithium batteries.
- Reduced-stagnation solenoid valve and electronic unit are integrated into the body of the tap/mixer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant aerator.
- Adjustable duty flush (pre-set flush ~60 seconds every 24 hours after last use).
- Stainless steel tap/mixer, height 170mm for semi-recessed washbasins.
- Sensor at the end of the spout optimises presence detection.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Spout with smooth interior and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set presence detection range, duty flush and launch thermal shocks (see page 29).
- Bluetooth® version is available: advanced settings and operational data download with the DELABIE Connect application (see page 28).
- Suitable for people with reduced mobility. 30-year warranty.



Long lever

Product currently under development.

BINOPTIC 2 tap/mixer height 170mm

Satin finish

Mixer - Mains supply	47400015	£557.09
Mixer - Battery-operated	47400615	£557.09
Tap - Mains supply	37400015	£482.33
Tap - Battery-operated	37400615	£482.33

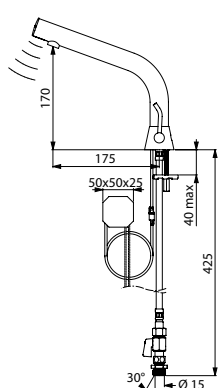
Chrome-plated finish

Mixer - Mains supply	47401015	£557.09
Mixer Bluetooth® Connect series	474110E	£628.90
Mains supply Without stopcocks		
Mixer - Battery-operated	47401615	£557.09
Tap - Mains supply	37401015	£482.33
Tap Bluetooth® Connect series	374110E	£560.54
Mains supply Without stopcocks		
Tap - Battery-operated	37401615	£482.33

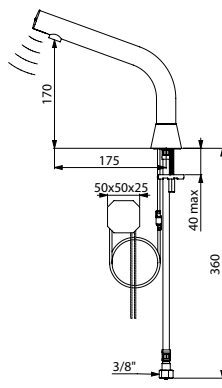
Matte black chrome finish

Mixer - Mains supply	47403015	£625.46
Mixer - Battery-operated	47403615	£625.46
Tap - Mains supply	37403015	£550.71
Tap - Battery-operated	37403615	£550.71

We recommend installing a TMV for taps (see page 143)



47400015



374110E





- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves
- **Simplified installation and maintenance:** LED diagnostic aids, set manually or using application via Bluetooth®

BINOPTIC 2

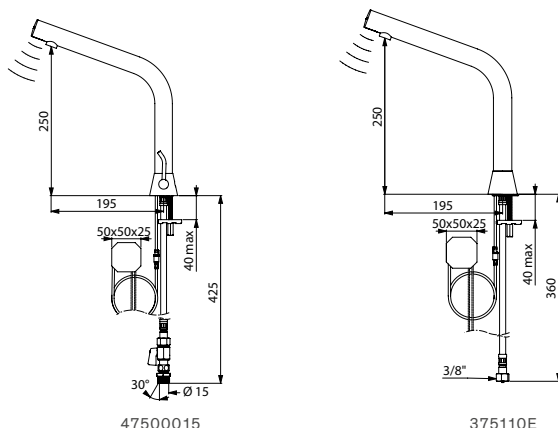
Deck-mounted electronic basin tap/mixer



- 230/6V mains supply or CR123 6V Lithium batteries.
- Reduced-stagnation solenoid valve and electronic unit are integrated into the body of the tap/mixer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant aerator.
- Adjustable duty flush (pre-set flush ~60 seconds every 24 hours after last use).
- Stainless steel tap/mixer, height 250mm for countertop washbasins.
- Sensor at the end of the spout optimises presence detection.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Spout with smooth interior and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set presence detection range, duty flush and launch thermal shocks (see page 29).
- Bluetooth® version is available: advanced settings and operational data download with the **DELABIE Connect application** (see page 28).
- Suitable for people with reduced mobility. 30-year warranty.



Long lever



Product currently under development.

BINOPTIC 2 tap/mixer height 250mm

Satin finish

Mixer - Mains supply	47500015	£584.44
Mixer - Battery-operated	47500615	£584.44
Tap - Mains supply	37500015	£509.70
Tap - Battery-operated	37500615	£509.70

Chrome-plated finish

Mixer - Mains supply	47501015	£584.44
Mixer Bluetooth® Connect series	475110E	£656.25
Mains supply		
Without stopcocks		
Mixer - Battery-operated	47501615	£584.44
Tap - Mains supply	37501015	£509.70
Tap Bluetooth® Connect series	375110E	£587.89
Mains supply		
Without stopcocks		
Tap - Battery-operated	37501615	£509.70

Matte black chrome finish

Mixer - Mains supply	47503015	£652.78
Mixer - Battery-operated	47503615	£652.78
Tap - Mains supply	37503015	£578.04
Tap - Battery-operated	37503615	£578.04

We recommend installing a TMV for taps (see page 143)

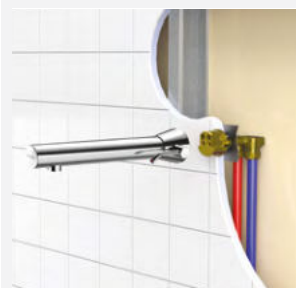


Recessed water inlets

3 installation options



Recessed in concrete



Plasterboard rails



Solid walls

Cross wall





- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves
- **Simplified installation and maintenance:** LED diagnostic aids, set manually or using application via Bluetooth®

BINOPTIC 2

Wall-mounted electronic tap/mixer

NEW



Pair it with



Soap dispenser
(see page 79)

- 230/6V mains supply.
- **Reduced-stagnation solenoid valve and electronic unit are integrated** into the body of the tap/mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant aerator.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- **Wall-mounted stainless steel tap/mixer.**
- Sensor at the end of the spout optimises presence detection.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set presence detection range, duty flush and launch thermal shocks (see page 29).
- **Bluetooth® version is available:** advanced settings and operational data download with the **DELABIE Connect application** (see page 28).
- Suitable for people with reduced mobility.
- 30-year warranty.



Long lever

Product currently under development.

BINOPTIC 2 wall-mounted tap/mixer

Satin finish

Kit 1: Nanny joint for recessed water inlet	484012	£165.45
Kit 2: Mixer L. 240mm with stopcocks	+ 484000	£463.45
Tap L. 220mm - Recessed	384100	£437.50
Tap L. 140mm for thin panels	383000	£410.15

Chrome-plated finish

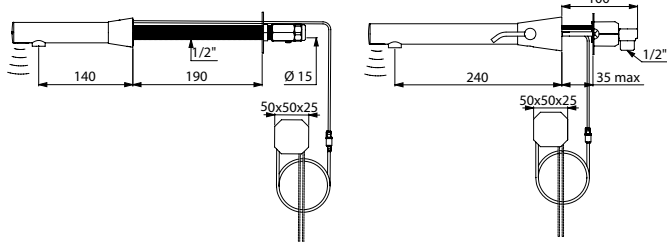
Kit 1: Nanny joint for recessed water inlet	484012	£165.45
Kit 2: Mixer L. 240mm with stopcocks	+ 484010	£463.45
Kit 1: Nanny joint for recessed water inlet	484012	£165.45
Kit 2: Mixer Bluetooth® Connect series L. 240mm with stopcocks.	+ 484010E	£545.50
Mixer L. 220mm for cross wall installation	48201015	£529.77
Tap L. 220mm - Recessed	384110	£437.50
Tap Bluetooth® Connect series L. 220mm - Recessed	384110E	£519.54
Tap L. 140mm for thin panels	383010	£410.15
Tap L. 140mm for cross wall installation	38101015	£441.31
Tap L. 220mm for cross wall installation	38201015	£455.00

Matte black chrome finish

Mixer L. 220mm for cross wall installation	48203015	£598.11
Tap L. 220mm - Recessed	384130	£505.84

We recommend installing a TMV for taps (see page 143)

For cross wall taps and mixers without stopcocks, please visit our website delabie.co.uk



38101015

484012 + 484000





- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** modular and adjustable waterproof housing (for walls and panels)
- **Vandal-resistant:** recessed installation, concealed fixings

BINOPTIC 2

Recessed electronic basin tap

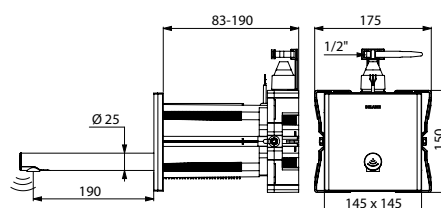


- **Battery-operated with CR123 6V Lithium batteries** or **230/6V mains supply** (cable and transformer supplied).
- **Stainless steel wall plate 145 × 145mm with integrated electronics.**
- **Recessed waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Modular installation (rails, solid walls, panels).
 - Compatible with wall finishes from 10 to 120mm (while maintaining the minimum recessing depth of 83mm).
 - Suitable for standard or pipe-in-pipe supply.
 - Stopcock and flow rate adjustment, filter and solenoid valve are all integrated and accessible from the front.
 - BINOPTIC 2 F½" valve.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after last use.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted.
- **Scale-resistant flow straightener.**
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Suitable for people with reduced mobility.
- 30-year warranty.

Product currently under development.

BINOPTIC 2 tap recessed in waterproof housing		
Satin finish - mains supply 230V Spout L. 190mm	370SBOX + 370100	£186.64 £513.89
Chrome-plated finish - mains supply 230V Spout L. 190mm	370SBOX + 370110	£186.64 £530.79
Satin finish - 6V batteries Spout L. 190mm	370PBOX + 370106	£167.14 £446.57
Chrome-plated finish - 6V batteries Spout L. 190mm	370PBOX + 370116	£167.14 £463.59

We recommend installing a TMV (see page 143)



370SBOX + 370110



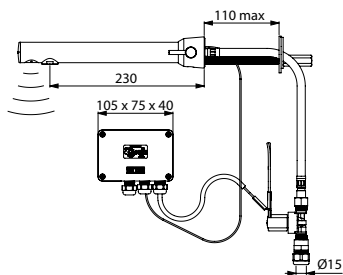
- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume
- **Maintenance:** LED diagnostic aids

BINOPTIC MIX

Cross wall electronic basin mixer



- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated models: filters and solenoid valves Ø 15mm for compression fittings.
Black models: filters and solenoid valves M $\frac{3}{8}$ ".
- Chrome-plated brass body.
- Chrome-plated spout for cross wall installation ≤ 110mm.
- Cable for sensor, flexibles and mounting all pass through the same hole.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 30-year warranty.



379MCH15

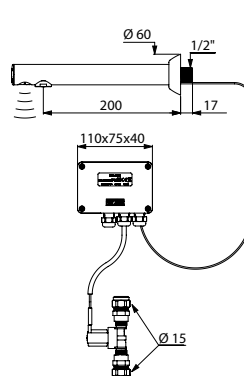
Cross wall BINOPTIC MIX mixer		
Chrome-plated finish	379MCH15	£604.51
Matte black chrome finish	379MCHB	£643.04

BINOPTIC

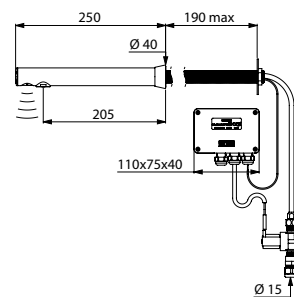
Wall-mounted electronic basin tap



- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- M $\frac{3}{8}$ " solenoid valve and filters.
- Chrome-plated brass body.
- Chrome-plated spout for cross wall or recessed installation ≤ 190mm.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Suitable for people with reduced mobility.
- 30-year warranty.



379ENC15



379DER15

BINOPTIC wall-mounted tap - Chrome-plated finish

Recessed, spout L. 200mm	379ENC15	£463.11
For walls ≤ 190mm, spout L. 205mm	379DER15	£451.39
For walls ≤ 190mm, spout L. 135mm	379D1315	£452.12

BLACK BINOPTIC wall-mounted tap - Matte black chrome finish

Recessed, spout L. 200mm	379ENC15	£515.83
For walls ≤ 190 mm, spout L.205mm	379DERB	£502.85

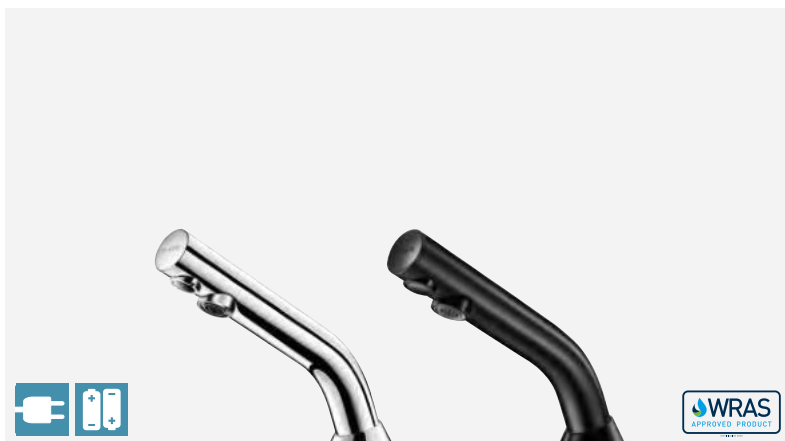
We recommend installing a TMV (see page 143)



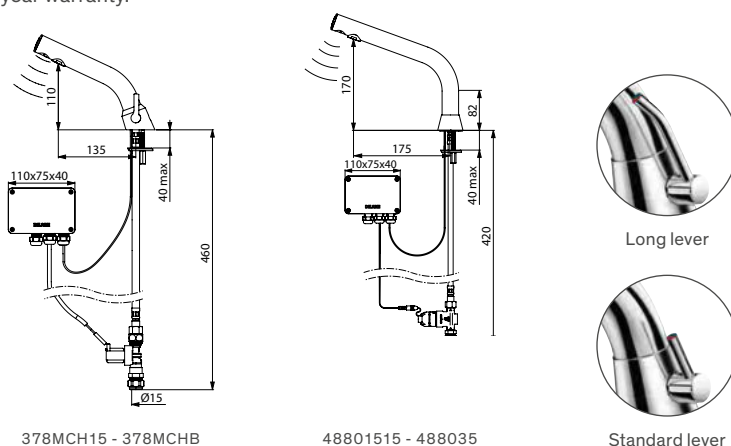
- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves on the battery-operated versions
- **Maintenance:** LED diagnostic aids

BINOPTIC

Deck-mounted electronic basin tap



- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer or CR123 6V Lithium batteries.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated brass body.
- PEX flexibles with filters and solenoid valves M $\frac{3}{8}$ ".
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 30-year warranty.



Height 170mm



Height 250mm

Awards: red dot winner 2021 m award GERMAN DESIGN AWARD WINNER 2019

BINOPTIC MIX mixer - Chrome-plated finish		
Mains supply H. 170mm	388MCHLH15	£613.59
Mains supply H. 250mm	398MCHLH15	£657.31
Battery-operated H. 170mm	488MCHLH15	£745.78
Battery-operated H. 250mm	498MCHLH15	£769.52
BINOPTIC tap - Chrome-plated finish		
Mains supply H. 170mm	38801515	£469.29
Mains supply H. 250mm	39801515	£513.01
Battery-operated H. 170mm	48801515	£573.68
Battery-operated H. 250mm	49801515	£607.77
BLACK BINOPTIC MIX mixer - Matte black chrome finish		
Mains supply H. 170mm	388MCHB	£653.51
Mains supply H. 250mm	398MCHB	£697.89
Battery-operated H. 170mm	488MCHB	£767.42
Battery-operated H. 250mm	498MCHB	£811.81
BLACK BINOPTIC tap - Matte black chrome finish		
Mains supply H. 170mm	388035	£523.36
Mains supply H. 250mm	398035	£567.73
Battery-operated H. 170mm	488035	£619.51
Battery-operated H. 250mm	498035	£663.86

BINOPTIC MIX mixer - Chrome-plated finish		
Mains supply	378MCH15	£585.69
Battery-operated	478MCH15	£696.63
BINOPTIC tap - Chrome-plated finish		
Mains supply	37801515	£452.66
Battery-operated	47801515	£534.88
BLACK BINOPTIC MIX mixer - Matte black chrome finish		
Mains supply	378MCHB	£623.98
Battery-operated	478MCHB	£737.84
BLACK BINOPTIC tap - Matte black chrome finish		
Mains supply	378035	£493.57
Battery-operated	478035	£589.91

We recommend installing a TMV for taps (see page 143)





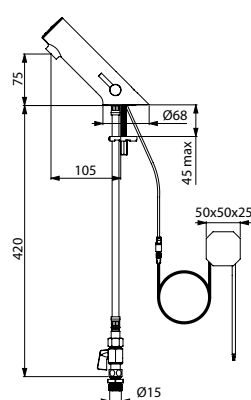
- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valves, anti-bacterial duty flush
- **Easy to install:** solenoid valve and electronics integrated into the body of the tap
- **Specifically designed for public and commercial places:** batteries last 3 - 6 years, metal body, 30-year warranty

TEMPOMATIC 5

Deck-mounted electronic basin tap/mixer



- 230/6V mains supply or integrated CR123 6V Lithium batteries.
- Reduced-stagnation solenoid valve and electronic unit integrated into the body of the mixer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant flow straightener.
- Duty flush.
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated metal body.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 30-year warranty.



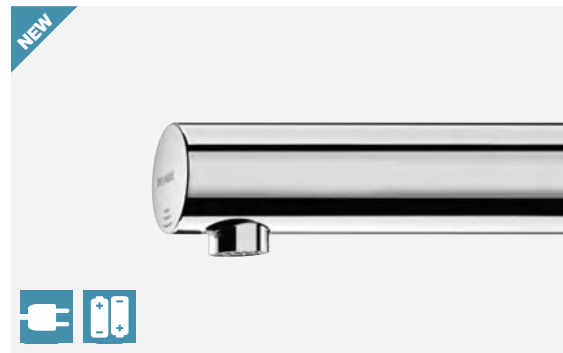
49900015



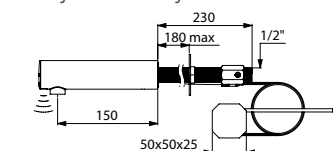
Standard lever

TEMPOMATIC 5

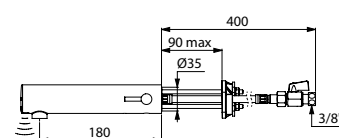
Wall-mounted electronic basin tap/mixer



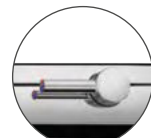
- 230/6V mains supply or integrated CR123 6V Lithium batteries.
- Reduced-stagnation solenoid valve and electronic unit integrated into the body of the mixer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant flow straightener.
- Duty flush.
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated metal body.
- Stopcocks.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 30-year warranty.



449410



499416



Standard lever

Product currently under development.

TEMPOMATIC MIX 5 wall-mounted mixer L. 180mm for cross wall installation

Mains supply	499410	£364.15
Battery-operated	499416	£364.15
M ³ / ₈ " connection Ø 15mm for compression fittings (2 pieces)	803815.2P	£10.00

TEMPOMATIC 5 wall-mounted tap L. 150mm for cross wall installation

Mains supply	449410	£319.44
Battery-operated	449416	£319.44

TEMPOMATIC 5 wall-mounted tap L. 150mm for recessed water inlet

Battery-operated, without stopcock	449406	£271.82
Reinforced exposed union Ø 50mm	841215	£50.60

We recommend installing a TMV for taps (see page 143)

TEMPOMATIC MIX 5 mixer		
Mains supply - recessed unit	49900015	£315.00
Mains supply - plug-in	49900115	£315.00
Battery-operated	49900615	£315.00
TEMPOMATIC 5 tap		
Mains supply - recessed unit	44900015	£250.00
Mains supply - plug-in	44900115	£250.00
Battery-operated	44900615	£250.00

We recommend installing a TMV for taps (see page 143)





- **Exceptional water savings:** 90%
- **Hygiene:** no manual contact and anti-bacterial duty flush
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Maintenance:** LED diagnostic aids

TEMPOMATIC

Wall-mounted electronic basin tap



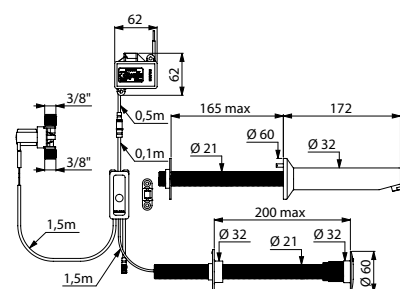
- Independent IP44 electronic control unit.
- 230/12V mains supply with transformer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 to 6 lpm.
- Scale-resistant flow straightener.
- Adjustable duty flush (~60 seconds every 24 hours after last use).
- Chrome-plated fixed spout L. 170mm with anti-rotating pin and back-nut.
- Escutcheon flush to the wall.
- Shock-resistant infrared presence detection sensor.
- Anti-blocking security.
- For walls ≤ 165mm or panels ≤ 30mm.
- M³/₈" solenoid valve with integrated filter.
- Threaded rods can be cut to size.
- Suitable for people with reduced mobility.
- 30-year warranty.

Product currently under development.

TEMPOMATIC cross wall tap		
For panels ≤ 30mm	441100	£413.63
For walls ≤ 165mm	441200	£425.44
FM ³ / ₈ " connection Ø 15mm for compression fittings	813815	£7.00

We recommend installing a TMV (see page 143)

Alternative spout and cross wall lengths available on request



441200



HYGIENE AND INFECTION CONTROL

Automatic timed shut-off, with no manual contact

DELABIE's time flow mixers and taps shut off automatically once the push-button has been pressed and the valve has opened.

No manual contact after washing prevents the spread of germs by hand.

Hygienic flow straightener

Unlike conventional aerators, DELABIE's flow straighteners are specially made from **Hostaform®**, a material that is highly scale-resistant (build-up of scale is 10 times slower).

They minimise water retention and the build-up of dirt, and prevent the spread of germs.

PEX flexible hoses

These flexible hoses will withstand the thermal and chemical shocks undertaken in public and commercial buildings for preventative or curative treatments against the development of bacteria.

DESIGN

Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre it is paramount that the product design fits in with its surroundings.

In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

Design without constraints

Aesthetic products are subject to less vandalism as they are better respected.

The **smooth shape** of the mixers and taps reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

EXCEPTIONAL WATER AND ENERGY SAVINGS: 85%

Exceptional water savings

Compared to conventional mixers and taps, DELABIE's time flow mixers and taps offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

• Automatic shut-off and split delivery

The mixer or tap shuts off automatically after approximately 7 seconds of flow.

DELABIE's time flow mixers and taps remove the risk of waste through negligence.

The AB anti-blocking system available on certain models, prevents the valve from being blocked in the open position.

The flow time is reduced to the necessary minimum (wetting, rinsing).

• Flow rate regulated at 3 lpm

DELABIE's time flow mixers and taps are regulated at **3 lpm**. The flow rate remains constant regardless of pressure variations in the system.

The flow rate is pre-set at 3 lpm at 3 bar. However, it can be adjusted from 1.4 (see *environmental labels*) to 6 lpm.

Energy savings

DELABIE's time flow mixers and taps operate completely autonomously with no need for an electrical supply. They do **not consume any power at all**.

The significant **hot water savings** provided by DELABIE's mixers and taps also result in energy savings.

Ecological

DELABIE's time flow mixers and taps are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

Environmental labels

The water and energy saving performance of DELABIE's time flow mixers and taps means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

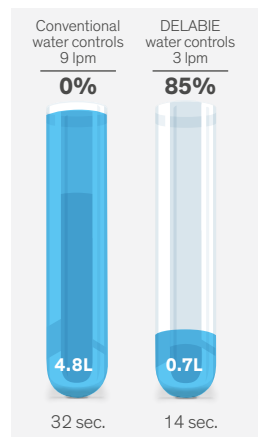
For more information see page 8.



Hygiene and infection control









Optimised time flow



Water savings per use

COMPARISONS OF WATER CONSUMPTION

Conventional controls and DELABIE time flow controls comparison

Flow rate	Wetting	Soaping	Rinsing	Water consumption
9L	 5 sec.	 20 sec.	 7 sec.	4.8L 32 sec.
3L	 7 sec.		 7 sec.	0.7L 14 sec.



Soft technology:
soft-touch operation



AB anti-blocking system



Vandal-resistant



TECHNICAL SOLUTIONS FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user. DELABIE has developed specific products to respond to a variety of challenges (improving comfort, avoiding waste, user safety, etc.).

Soft technology: soft-touch operation

DELABIE has developed time flow mixers and taps with **soft-touch operation**. Soft technology allows all users (children, the elderly or people with reduced mobility) to use the mixers and taps with no effort required.

TEMPOSOFT 2, **TEMPOMIX** and **TEMPOMIX 3** models require half the effort to operate compared to conventional taps/mixers.

AB anti-blocking system: waste prevention

To avoid abuse and waste, TEMPOSTOP (models 1 to 4), TEMPOMIX 2 and TEMPOMIX 3 models can be fitted with an **AB anti-blocking system**.

This prevents the valve from being blocked in the open position. Water will not flow unless the push-button is released.

Temperature selection

Mixer versions (MIX) of DELABIE's time flow taps are available. They offer the user additional comfort by allowing them to choose the water temperature. Temperature adjustment is done via the single control (TEMPOMIX and TEMPOMIX 3) or using the side lever (TEMPOMIX 2 and TEMPOSOFT MIX 2 and TEMPOSTOP MIX 4).

Anti-scalding safety

DELABIE's time flow mixers are supplied with a **pre-set maximum temperature limiter** that can be adjusted during installation. The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential HW / CW	$\Delta P < 1$ bar
Temperature limiter*	Adjustable
HW supply	55°C max
Adjustable flow rate	1.4 lpm - 6 lpm
Time flow	7 seconds
Soft-touch technology	TEMPOSOFT 2, TEMPOMIX, TEMPOMIX 3
Anti-blocking system	TEMPSTOP, TEMPOSTOP 2, TEMPOSTOP 3, TEMPOSTOP 4, TEMPOMIX 2, TEMPOMIX 3
Recommended installation height for wall-mounted taps / mixers	110-200mm above washbasin

* Depending on model

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Resistant to intensive use and vandalism

DELABIE's time flow mixers and taps are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The mixer and tap bodies are made from brass, fitted with **shock-resistant** mechanisms.

The **reinforced fixings** will stand up to intensive use.

Streamlined designs prevent unwanted removal.

For areas that require tamperproof installations, there are recessed and cross wall versions which have mechanisms that cannot be accessed by the user.

Superior endurance

The time flow mechanisms in DELABIE mixers and taps are hard-wearing. The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**.

There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**.

DELABIE's mixers and taps perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

Easy to install

For a quick activation and comfort with no splashing all DELABIE's time flow mixers and taps are **pre-set at 3 lpm at 3 bar**. They can, however, be adjusted from 1.4 (see *environmental labels*) to 6 lpm.

They are supplied with a **pre-set maximum temperature limiter** to save time during installation, and can be adjusted by the installer.

Minimal servicing

Flow straighteners and mechanisms are made from **scale-resistant materials** (Hostaform®).

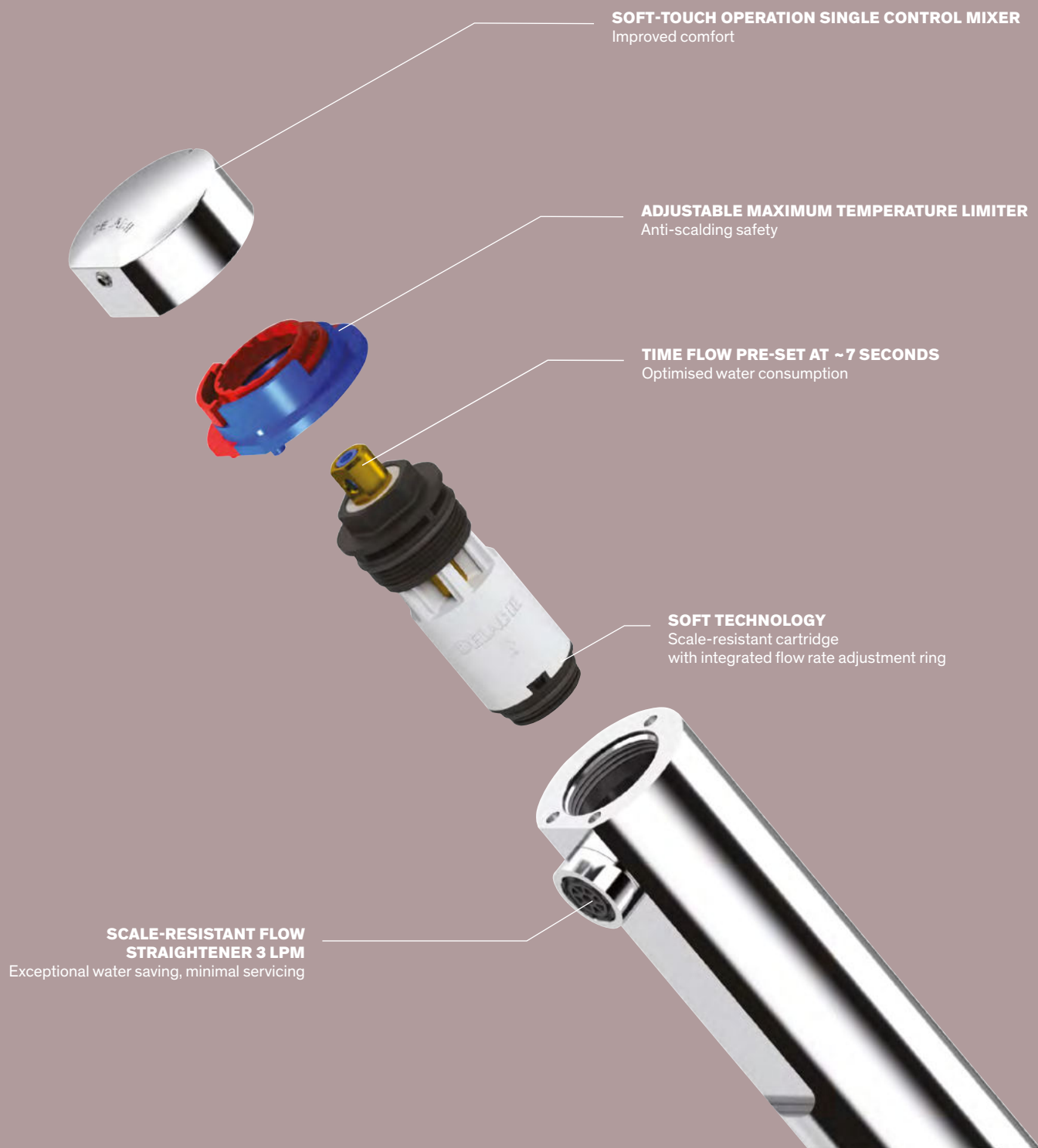
The self-cleaning mechanisms are protected by filters.

Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

The whole of the system is integrated within **an interchangeable cartridge without removing the tap**. For the mixer versions, non-return valves are integrated into the flexibles.

30-year warranty against any manufacturing defects.
50 years repairability.







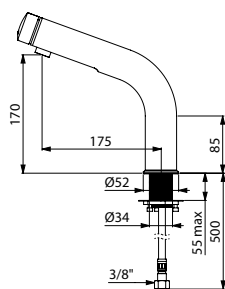
- **Exceptional water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft touch operation
- **Vandal-resistant:** chrome-plated stainless steel body, reinforced concealed fixings

TEMPOMIX 3

Time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated stainless steel body.
- PEX flexibles F $\frac{3}{8}$ " with filters and non-return valves.
- Fixing reinforced by back-nut.
- Adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 30-year warranty.



794110

Product currently under development.

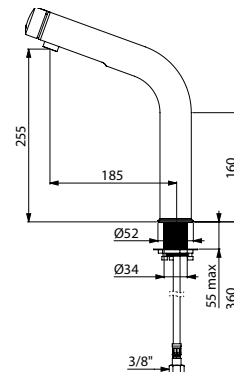
TEMPOMIX 3 deck-mounted mixer		
TEMPOMIX 3 mixer height 170mm	794110	£287.48
M $\frac{3}{8}$ " connection Ø 15mm for compression fittings (2 pieces)	803815.2P	£10.00

TEMPOMIX 3

Time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated stainless steel body.
- PEX flexibles F $\frac{3}{8}$ " with filters and non-return valves.
- Fixing reinforced by back-nut.
- Adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 30-year warranty.



794120



Awards:

Product currently under development.

TEMPOMIX 3 deck-mounted mixer		
TEMPOMIX 3 mixer height 250mm	794120	£325.83
M $\frac{3}{8}$ " connection Ø 15mm for compression fittings (2 pieces)	803815.2P	£10.00



TEMPOMIX 3 deck-mounted time flow basin mixer **79400015** - Rectangular glass mirror **3454** - Wall-mounted stainless steel bin **510461P**
TEMPOMIX 3 wall-mounted time flow basin mixer **794350** - HEMI round basin for recessed installation **120490** - Wall shelf **553**



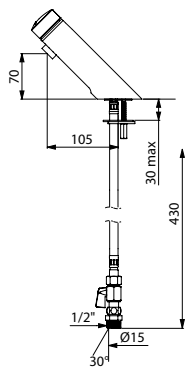
- **Exceptional water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** streamlined design

TEMPOMIX 3

Time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated metal body.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Adjustable maximum temperature limiter.
- **Available with AB anti-blocking system:** water will flow only when the push-button is released.
- Suitable for people with reduced mobility.
- 30-year warranty.



79400015

**Product currently under development.*

TEMPOMIX 3 deck-mounted mixer

With stopcocks	79400015	£278.78
With stopcocks and AB system	79400015AB*	£292.43

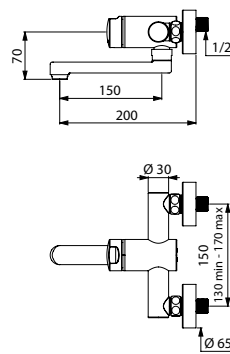
Option: comfort aerator (see page 74)

TEMPOMIX 3

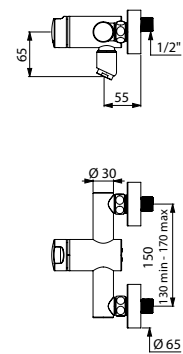
Time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- Chrome-plated metal body M1/2".
- **Swivelling or fixed spout.**
- Filters and non-return valves.
- Adjustable maximum temperature limiter.
- Offset connectors M1/2" for centres 130 - 170mm.
- Suitable for people with reduced mobility.
- 30-year warranty.



794350



794370

TEMPOMIX 3 wall-mounted mixer

With swivelling spout L. 150mm	794350	£369.82
With fixed spout L. 150mm	794360	£369.82
With fixed spout	794370	£340.24

Option: STOP/CHECK connectors (see page 74)





- **Exceptional water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** streamlined design

TEMPOMIX 3

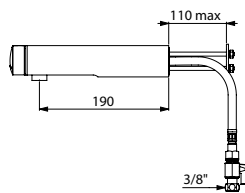
Wall-mounted time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated metal body.
- Filters and non-return valves.
- Adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 30-year warranty.



794012 + 794050



794165



Awards:

TEMPOMIX 3 wall-mounted mixer

Wall-mounted (recessed water inlets) - 1/2"

Kit 1: Nanny joint for recessed water inlet	794012	£118.17
Kit 2: Mixer L. 110mm without stopcocks	+ 794050	£350.38
Kit 1: Nanny joint for recessed water inlet	794012	£118.17
Kit 2: Mixer L. 190mm without stopcocks	+ 794055	£399.97

Cross wall - PEX flexibles 3/8"

L. 110mm with stopcocks	794160	£276.91
L. 190mm with stopcocks	794165	£324.99
M3/8" connection Ø 15mm for compression fittings (2 pieces)	803815.2P	£10.00

Option: comfort aerator (see page 74)

Recessed water inlets

3 installation options



Recessed in concrete



Plasterboard rails



Solid walls

Cross wall







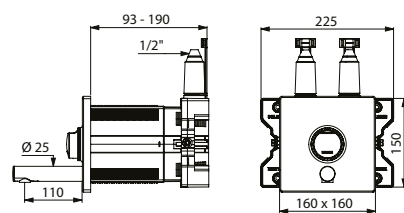
- **Exceptional water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** recessed installation, concealed fixings
- **Easy to install:** modular and adjustable waterproof housing (for walls and panels)

TEMPOMIX 3

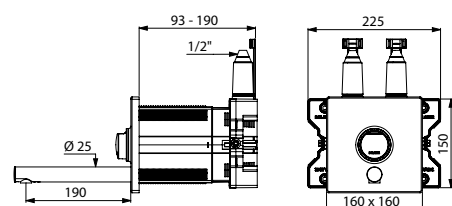
Recessed time flow basin mixer with soft-touch operation



- **Tamperproof chrome-plated metal control plate 160 × 160mm.**
- **Waterproof recessing housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installations (rails, solid walls, panels).
 - Compatible with wall finishes from 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcocks and flow rate adjustment, filters, non-return valves and cartridge are all integrated and accessible from the front.
 - TEMPOMIX 3 single control mixer F1/2".
 - Supplied in 2 kits: secure system flush without sensitive elements.
- **Temperature control and operation via the push-button.**
- Maximum temperature limiter (can be adjusted by installer).
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- 30-year warranty.



794BOX3 + 794200



794BOX3 + 794250

TEMPOMIX 3 mixer recessed in waterproof housing		
Spout L. 110mm	794BOX3 + 794200	£325.43 £317.50
Spout L. 190mm	794BOX3 + 794250	£325.43 £331.96

Options: comfort aerator or BIOSAFE outlet (see page 74)





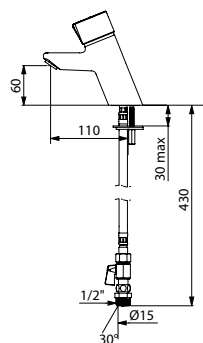
- **Exceptional water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, deck-mounted with reinforced fixing or cross wall models
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation

TEMPOMIX

Deck-mounted time flow basin mixer



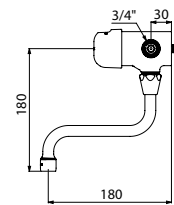
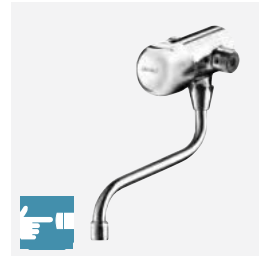
- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- Chrome-plated brass body.
- **Ergonomic chrome-plated metal push-button.**
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 30-year warranty.



79500015

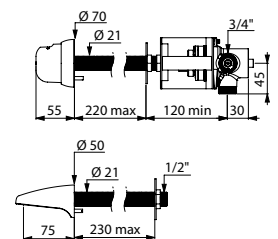
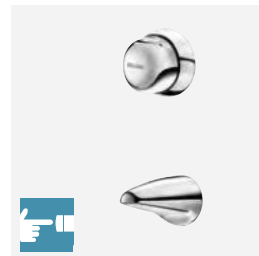
TEMPOMIX

Wall-mounted or cross wall time flow basin mixer



798152

Wall-mounted time flow mixer with fixed or swivelling spout.



795209

Cross wall time flow mixer:

- Tamperproof cross wall control ≤ 220mm and tamperproof fixed cross wall spout ≤ 230mm.
- System for fixing to the wall via anti-rotating pin, back-nut and connection clamp.
- Cut-to-size threaded rods.

TEMPOMIX wall-mounted mixer

With fixed spout	796000	£291.82
For panels from 8 to 16mm, time flow ~ 30 seconds	790975	£284.25
With swivelling spout	798152	£304.80
Elbow union M1/2" - F3/4"	838020	£40.15
STOP union M1/2" - F3/4"	836020	£49.96
Reinforced wall plate Ø 80mm	824800	£33.21

TEMPOMIX cross wall mixer

TEMPOMIX cross wall	795209	£480.53
Back nut F1/2" with 3 screws (reinforcing clamp behind the wall)	826315	£10.78

Alternative spout and cross wall lengths on request

TEMPOMIX deck-mounted mixer	79500015	£281.64
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Option: comfort aerator (see page 74)





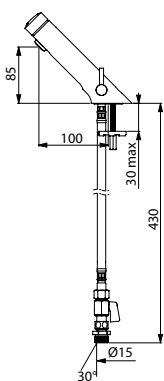
- **Exceptional water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, reinforced fixings, streamlined design
- **Comfort:** temperature selection via side temperature lever on mixers, soft-touch operation

TEMPOSOFT MIX 2

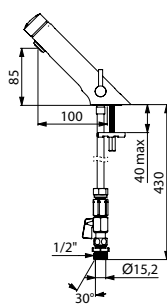
Deck-mounted time flow basin mixer with soft-touch operation



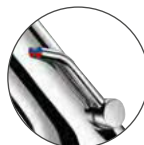
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated brass body.
- PEX flexibles or copper tails Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Side temperature control lever with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 30-year warranty.



74250015



74250015CO



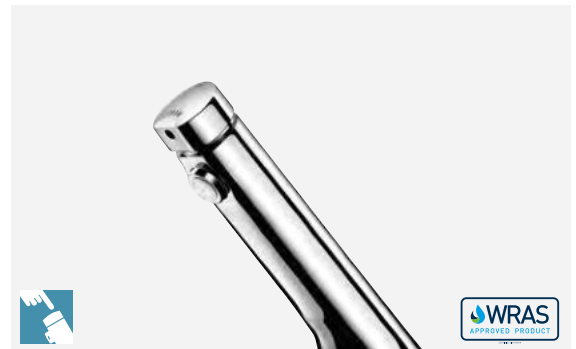
Long lever



Standard lever

TEMPOSOFT 2

Time flow basin tap with soft-touch

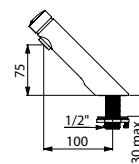


TEMPOSOFT 2

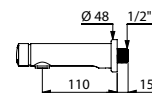
Wall-mounted time flow tap with soft-touch



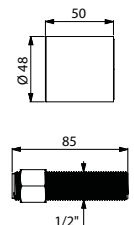
- Chrome-plated brass body M $\frac{1}{2}$ ".
- Supplied with blue and red markers.



740300



741500



822741

TEMPOSOFT MIX 2 deck-mounted mixer		
With PEX flexibles	74250015	£213.07
With copper tails	74250015CO	£301.20

For long lever, please add "LH" after the reference

TEMPOSOFT 2 deck-mounted tap		
Fixing reinforced by back-nut with 3 stainless steel screws	740300	£101.74
Fixing with back-nut	740500	£90.79
TEMPOSOFT 2 wall-mounted tap		
L. 110mm	741500	£89.15
L. 150mm	741550	£107.41
L. 150mm with back nut	741555	£143.60
50mm chrome-plated brass extension	822741	£72.32

We recommend installing a TMV (see page 143)



TEMPOSTOP MIX 4 time flow basin mixer **704900** - LAVANDO hand washbasin **121370**



- **Exceptional water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, reinforced fixings, anti-blocking (AB) system
- **Comfort:** side temperature control lever on mixer models

TEMPOSTOP MIX 4 / TEMPOSTOP 4

Deck-mounted time flow basin controls



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm at 3 bar**, can be adjusted from 1.4 - 6 lpm.
- Tamperproof, scale-resistant flow straightener.
- Chrome-plated brass body.
- PEX flexibles with filters and non-return valves (mixers).
- Fixing reinforced by 2 stainless steel rods (mixers).
- Side temperature control lever with adjustable maximum temperature limiter (mixers).
- **Available with anti-blocking (AB) system:** water will only flow when push-button is released.
- 30-year warranty.

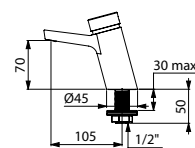


Standard lever

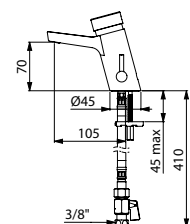
Product currently under development.

TEMPOSTOP MIX 4 mixer		
With stopcocks		
Side temperature control lever	704900	£266.33
Side temperature control lever and AB anti-blocking system	704900AB	£275.78
Without stopcocks		
Side temperature control lever	704910	£254.52
Side temperature control lever and AB anti-blocking system	704910AB	£263.97
M ³ / ₈ " connection Ø 15mm for compression fittings (2 pieces)	803815.2P	£10.00
TEMPOSTOP 4 tap		
Fixing with back-nut	704100	£178.38
Fixing reinforced by 3 stainless steel screws and AB anti-blocking system	704100AB	£187.83

We recommend installing a TMV for taps (see page 143)



704100



704900





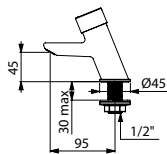
- **Exceptional water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, reinforced fixings, anti-blocking (AB) system

TEMPOSTOP 3

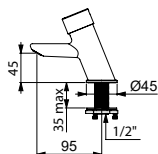
Time flow basin tap



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Tamperproof scale-resistant flow straightener.
- Chrome-plated brass body M $\frac{1}{2}$ ".
- **Available with AB anti-blocking system:** water will only run when push-button is released.
- 30-year warranty.



703000



703001

TEMPOSTOP 3

Wall-mounted tap length 50mm



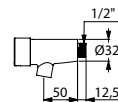
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Chrome-plated brass body M $\frac{3}{8}$ " or M $\frac{1}{2}$ ".
- **Available with AB anti-blocking system.**

TEMPOSTOP 3

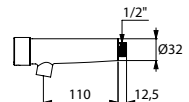
Wall-mounted tap length 110mm



- Chrome-plated brass body M $\frac{1}{2}$ ".



703200



703300

Product currently under development.

TEMPOSTOP 3 tap		
Fixing reinforced by back-nut	703000	£99.82
Fixing reinforced by back-nut and AB anti-blocking system	703000AB	£112.92
Fixing reinforced by back-nut and stud nut	703002	£112.52
Fixing reinforced by 3 stainless steel screws	703001	£118.22
Fixing reinforced by back-nut with 3 stainless steel screws and AB anti-blocking system	703001AB	£127.83

We recommend installing a TMV (see page 143)

Product currently under development.

TEMPOSTOP 3 wall-mounted tap length 50mm		
M $\frac{3}{8}$ "	703201	£72.93
M $\frac{1}{2}$ "	703200	£72.93
M $\frac{1}{2}$ " and AB anti-blocking system	703200AB	£90.14
TEMPOSTOP 3 wall-mounted tap length 110mm		
M $\frac{1}{2}$ "	703300	£96.56
M $\frac{1}{2}$ " and AB anti-blocking system	703300AB	£113.77

We recommend installing a TMV (see page 143)





- **Exceptional water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, reinforced fixing, anti-blocking (AB) system
- **Comfort:** soft-touch operation on lever-operated models

TEMPOMIX 2 / TEMPOSTOP 2

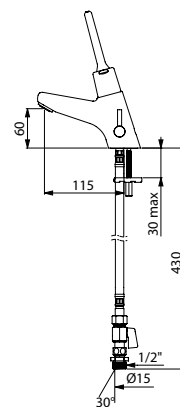
Deck-mounted time flow basin tap/mixer



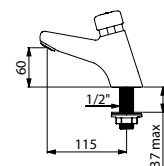
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated brass body.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves (mixer).
- Fixing reinforced by 2 stainless steel rods (mixer).
- Side temperature control lever with adjustable maximum temperature limiter (mixer).
- **Available with anti-blocking (AB) system:** water only flows when push-button is released.
- **Push-button or lever-operated control** (soft-touch operation suitable for people with reduced mobility).
- 30-year warranty.



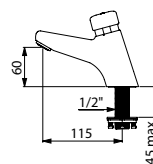
Standard lever



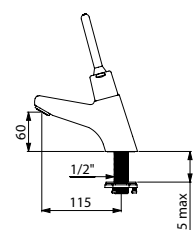
70040015



702000



702301



702400

TEMPOMIX 2 lever-operated mixer	70040015	£309.33
TEMPOSTOP 2 tap		
Fixing with back-nut	702000	£178.38
Fixing reinforced by 3 stainless steel screws and AB anti-blocking system	702301	£203.81
TEMPOSTOP 2 lever-operated tap	702400	£206.58



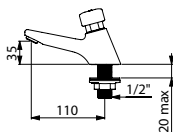
- **Exceptional water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, reinforced fixing, anti-blocking (AB) system

TEMPOSTOP

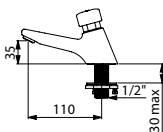
Time flow basin tap



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated solid brass body M1½".
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- 30-year warranty.



745100



745301

TEMPOSTOP tap		
Fixing with back-nut	745100	£85.00
Fixing with back-nut and AB anti-blocking system	745101	£92.72
Fixing reinforced with 3 stainless steel screws	745300	£92.38
Fixing reinforced with back-nut with 3 stainless steel screws and AB anti-blocking system	745301	£97.06

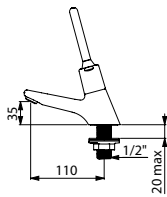
We recommend installing a TMV (see page 151)

TEMPOSTOP

Time flow lever-operated basin tap



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated solid brass body M1½".
- Chrome-plated metal lever.
- Fixing with back-nut.
- **Lever-operated** (soft-touch operation).
- Suitable for people with reduced mobility.
- 30-year warranty.



745440

TEMPOSTOP lever-operated tap	745440	£108.67
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We recommend installing a TMV (see page 151)



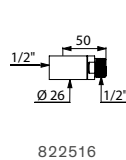
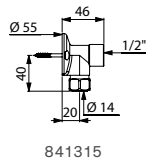
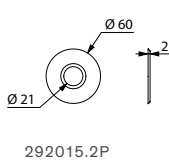
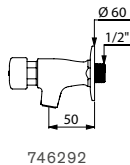
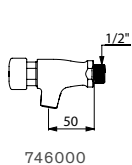
- **Exceptional water savings:** 85%
- **Vandal-resistant:** anti-blocking (AB) system

TEMPOSTOP

Wall-mounted time flow basin tap

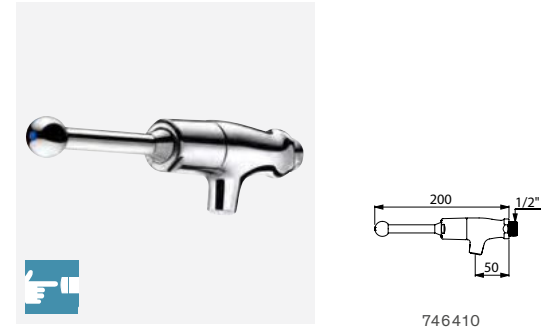


- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated solid brass body M1/2".
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- **Push-button or lever-operated control.**
- 30-year warranty.

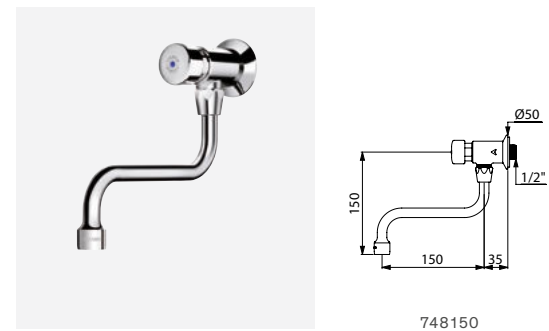


TEMPOSTOP

Wall-mounted or cross wall time flow basin tap

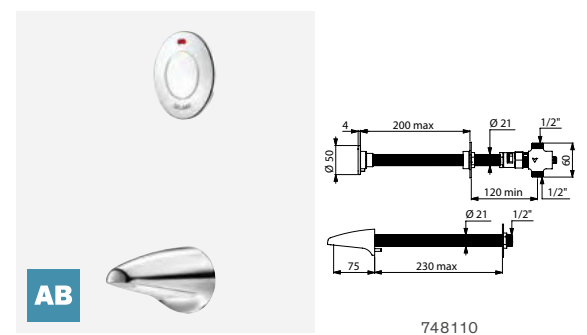


Wall-mounted lever-operated time flow tap



Wall-mounted time flow tap with swivelling spout:

- Time flow ~15 seconds. Suitable for wash tubs.



Cross wall time flow tap:

- Control ≤ 200mm and spout ≤ 230mm, cut-to-size.
- Anti-rotating pin and back-nut. AB anti-blocking system.
- Chrome-plated metal control.

TEMPOSTOP wall-mounted tap		
M1/2"	746000	£59.89
M1/2" with wall plate	746292	£62.64
M1/2" with AB anti-blocking system	746001	£68.92
Accessories		
Wall plates Ø 60mm (2 per pack)	292015.2P	£10.80
Backplate elbow MF1/2"	841315	£40.19
Extension MF1/2" L. 50mm Ø 26mm	822516	£20.65
Extension MF1/2" L. 100mm Ø 24mm	822115	£27.53

We recommend installing a TMV (see page 143)

TEMPOSTOP tap		
Wall-mounted lever-operated tap	746410	£109.14
Wall-mounted with swivelling spout	748150	£105.28
Cross wall with AB anti-blocking system	748110	£223.69
Back-nut F1/2" with 3 stainless steel screws	826315	£10.78

We recommend installing a TMV (see page 143)

Alternative cross wall lengths (up to 400mm) available on request





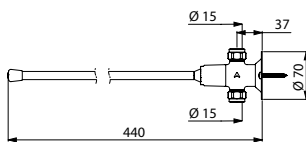
- **Hygiene:** no manual contact, automatic timed or instant shut-off
- **Comfort:** automatic shut-off

TEMPOGENOU

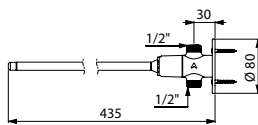
Knee-operated time flow basin valve



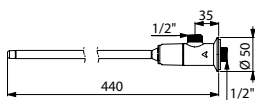
- Time flow ~7 seconds.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Reinforced control lever.
- Solid brass wall plate with reinforced fixing via 4 stainless steel screws on the in-line model.
- Cold or mixed water supply.
- **Chrome-plated brass body.**
- 30-year warranty.



73544715



735400



734100

TEMPOGENOU valve			
Straight for in-line inlet, Ø 15mm for compression fittings	73544715	£161.46	
Straight for in-line inlet, stud nut	735000	£138.03	
Straight for in-line inlet, M 1/2"	735400	£127.14	
Angled for recessed inlet, M 1/2"	734100	£127.00	

We recommend installing a TMV (see page 143)

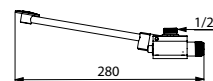
Option: spouts (see page 73)

MIXFOOT / MONOFOOT

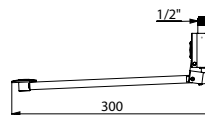
Foot-operated basin mixer/valve with instant shut-off



- Instant automatic shut-off.
- Pedal can be raised for cleaning the floor.
- Adjustable pedal height.
- Fixed by 4 screws.
- Filters.
- Pre-set mixing can be adjusted on the MIXFOOT mixer version: half open for cold water and fully open for mixed water (pedal touching the floor).
- Available for floor or wall-mounting.
- 30-year warranty.



739100



736102

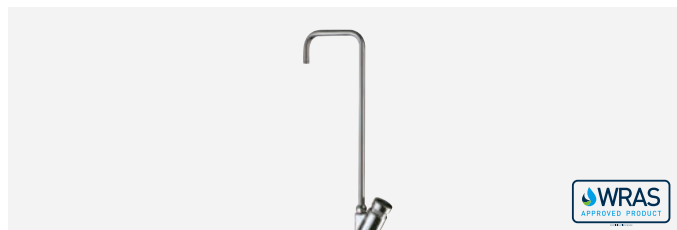
MIXFOOT mixer		
Floor-mounted M 1/2"	739100	£210.40
Wall-mounted M 1/2"	739102	£220.83
MONOFOOT valve		
Floor-mounted, stud nut Ø 14mm	736001	£188.35
Floor-mounted M 1/2"	736101	£180.78
Wall-mounted M 1/2"	736102	£206.96

We recommend installing a TMV (see page 143) with the MONOFOOT valve

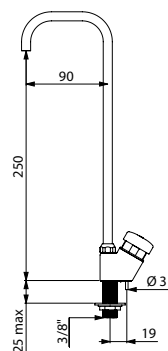
Option: spouts (see page 73)

Swan neck tap

For water fountains



- Instant shut-off.
- Adjustable flow rate.
- Chrome-plated brass body and stainless steel spout.
- 30-year warranty.

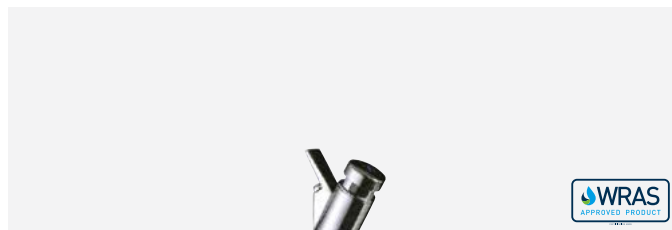


311QU1

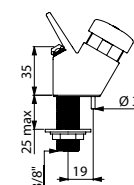
Swan neck tap		
For Rilsan tube 4 × 6	311TR1	£123.03
M $\frac{3}{8}$ "	311QU1	£124.41

Bubbler

For water fountains



- Instant shut-off.
- Adjustable flow rate.
- Chrome-plated brass.
- M $\frac{3}{8}$ ".
- 30-year warranty.



312QU1

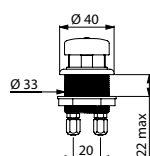
Bubbler	312QU1	£91.06
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Push-button control

For swan neck taps and bubblers



- Instant shut-off.
- For swan neck spouts and bubblers.
- Chrome-plated brass.
- Connector for Rilsan tube 4 × 6.
- 30-year warranty.



319T61

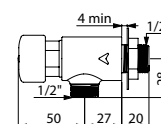
Push-button control	319T61	£95.29
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TEMPOSTOP

Tap for hand washbasins



- Time flow ~7 seconds.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Rough cast brass body.
- Inlet M $\frac{1}{2}$ ".
- To be placed behind hand washbasin wall plate.
- 30-year warranty.



748626

TEMPOSTOP tap		
With push-button	748626	£75.18
Without push-button	748126	£72.05

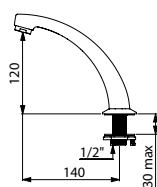
We recommend installing a TMV (see page 143)

Fixed, cast spout

Deck-mounted



- Spout L. 140mm, H. 120mm, M $\frac{1}{2}$ ".
- Reinforced fixing by 3 stainless steel screws.
- Chrome-plated solid brass.
- Scale-resistant flow straightener regulated at 3 lpm.
- 30-year warranty.



981142

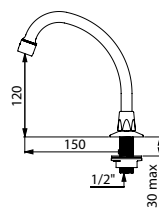
Fixed, cast spout	981142	£104.30
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Swivelling swan neck spout

Deck-mounted



- Swan neck spout M $\frac{1}{2}$ ".
- Fixing by back-nut.
- Chrome-plated brass.
- Scale-resistant flow straightener regulated at 3 lpm.
- 30-year warranty.



967152

Swivelling swan neck spout

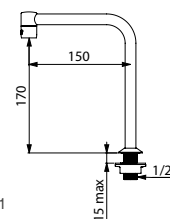
L. 150mm H. 120mm	967152	£50.90
L. 200mm H. 200mm	967202	£53.65

Tubular spout

Deck-mounted



- Tubular spout on base M $\frac{1}{2}$ ".
- Chrome-plated brass.
- Spout with smooth interior (reduces bacterial development).
- Scale-resistant flow straightener.
- 30-year warranty.



204001

Swivelling tubular spout Ø 22mm

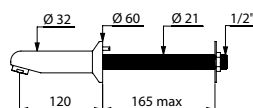
L. 150mm H. 140mm, 3 lpm	1306T1	£111.21
L. 200mm H. 260mm, 3 lpm	1306T2	£128.77
L. 300mm H. 260mm	1306T3	£140.04
Fixed tubular spout Ø 16mm	204001	£79.77

Fixed spout

Wall-mounted / Cross wall



- Spout Ø 32mm, M $\frac{1}{2}$ ".
- Chrome-plated brass.
- Scale-resistant flow straightener regulated at 3 lpm.
- 30-year warranty.



947151

Cross wall spout with wall plate

L. 120mm	947151	£126.79
L. 170mm	947157	£152.66

Wall-mounted spout no wall plate (recessed inlet)

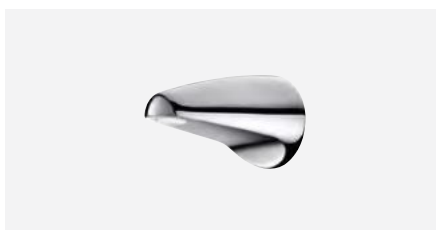
L. 110mm	947120	£78.50
L. 160mm	947170	£100.98

Wall-mounted spout with wall plate (recessed inlet)

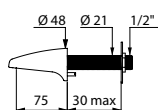
L. 120mm	947135	£92.37
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Fixed spout

For slim panels



- Spout L. 75mm, M $\frac{1}{2}$ ".
- For slim panels.
- Threaded rod can be cut to size.
- Streamlined, ligature-resistant design.
- Chrome-plated brass.
- Star-shaped scale-resistant flow straightener.
- 30-year warranty.



942040

Cross wall fixed spout

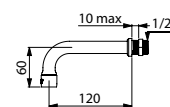
For panels ≤ 30mm	942040	£73.97
Back-nut with 3 screws	826315	£10.78

Fixed L-shaped spout

Wall-mounted



- Tubular spout Ø 18mm, M $\frac{1}{2}$ ".
- L. 120mm.
- Chrome-plated brass.
- Flow straightener.
- 30-year warranty.



941922

Wall-mounted L-shaped universal spout

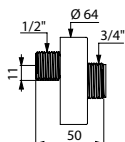
Star-shaped flow straightener	941120	£47.48
Flow straightener regulated at 3 lpm for panels ≤ 10mm	941922	£57.43

Offset connector

Standard



- Offset standard connector 11mm.
- M $\frac{1}{2}$ " - M $\frac{3}{4}$ ".
- Escutcheon Ø 64mm.
- L. 50mm.
- Chrome-plated brass.
- Supplied in packs of 2.
- 30-year warranty.

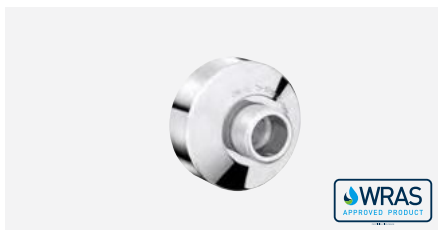


856794.2P

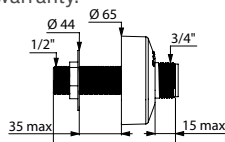
Offset standard connector	856794.2P	£33.37
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In-line connector

With STOP/CHECK



- Chrome-plated brass connector.
- M $\frac{1}{2}$ " - M $\frac{3}{4}$ ".
- Escutcheon Ø 65mm.
- In-line for cross wall installation.
- STOP function: integrated stopcock.
- CHECK function: checks if non-return valves are watertight where fitted to mixers (DELABIE patented).
- Supplied in packs of 2.
- 30-year warranty.



855755UK.2P

STOP/CHECK union	855755UK.2P	£72.28
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ECO flow straightener

Pre-set at 3 lpm

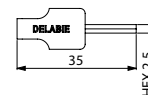


- Flow straightener pre-set at 3 lpm (DELABIE patented).
- Flow rate can be adjusted from 1.4 - 6 lpm at 3 bar (depending on the mixer/tap model) from the outside with a 2.5mm Allen key.
- Flow straightener with no grid: reduces bacterial development (no water retention or scale deposits).
- Supplied in packs of 2.

The water savings generated by the ECO flow straightener surpass the requirements of class 'Z' of the European standard EN 246.



922024.2P



C282025

Scale-resistant ECO flow straightener		
M24x100	922024.2P	£12.18
F22x100	922022.2P	£11.36
2.5mm Allen key	C282025	£12.57

ECO aerator

1.4 lpm



- Rain effect aerator.
- 1.4 lpm.
- Ref. 925716.2P to screw in.
- Ref. 925724.2P to insert in an aerator carrier.
- Complies with environmental label requirements.
- Supplied in packs of 2.



925716.2P



925724.2P

ECO aerator		
M16,5x100	925716.2P	£19.46
M24x100	925724.2P	£13.72

Comfort aerator

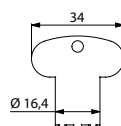
M16.5x100



- Aerator with comfortable spray.
- M16.5 x 100.
- Supplied in packs of 2.



925616.2P



222429

Aerator 16.5Mx100		
Aerator	925616.2P	£16.10
Service key	222429	£4.61

BIOSAFE outlet

M16.5x100



- BIOSAFE free flow hygienic outlet.
- M16.5x100.
- With no grid or partitions in contact with the water.
- Water cannot stagnate in the internal part reducing bacterial development.
- Made from Hostaform® reducing the build-up of scale.
- For TEMPOMIX 3 recessed and TEMPOMATIC 4 wall-mounted.
- Supplied in packs of 2.



923016.2P

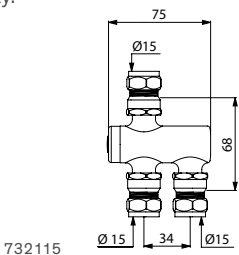
BIOSAFE outlet M16.5x100		
BIOSAFE outlet	923016.2P	£9.30
Service key	222429	£4.61

PREMIX NANO

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 34 - 60°C.
- To be placed upstream of the tap.
- Anti-scalding failsafe.
- Filters and non-return valves.
- Thermal shocks are possible.
- For 1 or 2 basin taps.
- 30-year warranty.



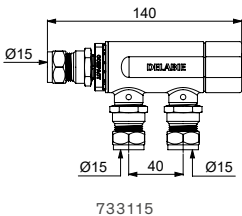
PREMIX NANO		
Nickel, M1½" Ø 15mm	732115	£92.09
Nickel, F½" Ø 15mm	732115MEC	£112.19
Polished, M1½" Ø 15mm	732116	£108.39

PREMIX COMPACT

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 30 - 60°C.
- To be placed upstream of the tap.
- Anti-scalding safety.
- Filters and non-return valves.
- Thermal shocks are possible.
- For 2 to 11 basin taps.
- 30-year warranty.

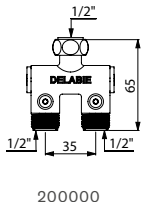


PREMIX COMPACT		
M1½" Ø 15mm	733115	£117.97
M¾" Ø 15mm	733116	£117.97

Pre-mixer Compact



- For installation beneath the basin.
- Nickel-plated body MF½".
- Non-return valves and filters can be checked.
- 30-year warranty.



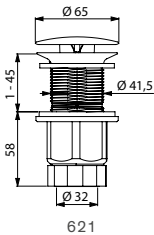
Pre-mixer Compact	200000	£88.15
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Hygienic waste

Without water level



- Hygienic washbasin waste M1¼".
- No water level: dome with a cup with a membrane which can be removed from above.
- Evacuation flow rate complies with European standard EN 274: 36 lpm.
- Waste can be cut to size.
- Requires minimal space (54mm), no water retention.
- 30-year warranty.



**Provisional availability 1st half 2025.
Please contact the sales office to check availability.*

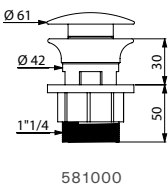
Hygienic waste		
White	621W	£47.27
Chrome*	621	£56.80

ON/OFF waste

With stainless steel valve



- Washbasin waste M1¼" with stainless steel valve with free flow.
- Recommended for all washbasins equipped with electronic or time flow mixers/taps and washbasins with an overflow.
- Open/close by pressing the top of the waste.
- 30-year warranty.



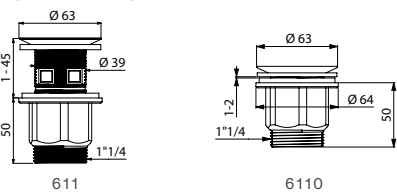
ON/OFF waste	581000	£38.15
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HYGIÉNA waste

With concave grid



- Hygienic washbasin waste, M1¼".
- Concave grid (no water retention).
- Free flow, with no central screw.
- Brass grid, ABS body.
- Pre-scored waste: snap off sections can be removed for models with overflow (except models for stainless steel basins).
- 30-year warranty.



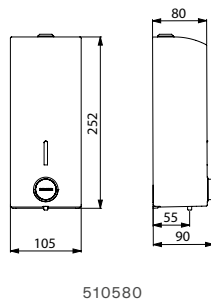
HYGIÉNA waste		
Chrome - For ceramic basins	611	£32.60
Chrome - For stainless steel basins	6110	£32.60
Matte black - For stainless steel basins	6110BK	£55.63

Wall-mounted liquid soap dispenser

With soft-touch operation



- Vandal-resistant model with lock and standard DELABIE key.
- One-piece, hinged cover for easy maintenance and better hygiene.
- Push-button with soft-touch operation.
- Anti-blocking: single dose per press, even when the button is pressed for long periods.
- No waste, non-drip pump-action dispenser.
- Tank with large opening: eases transfer of soap from large containers.
- For vegetable-based liquid soap with a maximum viscosity of: 3,000 mPa.s.
- Compatible with hydroalcoholic gel. 30-year warranty.



Soft-touch operation liquid soap dispenser - 1 Litre

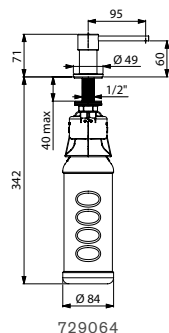
304 stainless steel bright polished finish	510580	£123.80
304 stainless steel polished satin finish	510582	£115.91
304 stainless steel white powder-coated	510581	£109.50

Liquid soap dispenser

Deck-mounted



- Deck-mounted model.
- Vandal-resistant.
- Body and push-button in polished 304 stainless steel.
- Non-drip system (waterproof).
- Discreet locking mechanism: unlocks without specialist tools and re-locks automatically.
- Models with tank: compatible with hydroalcoholic gel, fill from the top (by removing the push-button) or from the bottom (by unclipping the tank).
- 30-year warranty.



Deck-mounted liquid soap dispenser

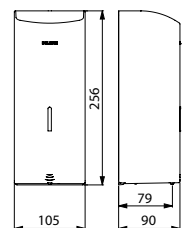
With 1 litre tank	729064	£82.73
With 0.5 litre tank	729564	£82.73
With 1.20 m flexible tube for remote tank (tank not-supplied)	729164	£82.73

Wall-mounted liquid soap dispenser

Electronic



- Vandal-resistant model with lock and standard DELABIE key.
- No manual contact: hands are automatically detected by infrared cell.
- One-piece, hinged cover for easy maintenance and better hygiene.
- No waste pump dispenser: dispenses 0.8ml (can be adjusted up to 7 doses per activation).
- Power supply: 6 AA – 1.5V (DC9V) batteries supplied integrated in the soap dispenser body.
- For vegetable-based liquid soap with a maximum viscosity of: 3,000 mPa.s.
- Compatible with hydroalcoholic gel. 30-year warranty.



Electronic liquid soap dispenser – 1 Litre

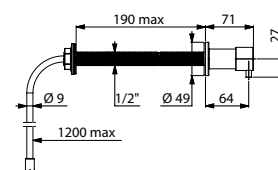
304 stainless steel bright polished finish	512066P	£208.80
304 stainless steel polished satin finish	512066S	£208.80
304 stainless steel white powder-coated	512066W	£208.80
304 stainless steel matte black powder-coated	512066BK	£240.13

Cross wall liquid soap dispenser

Wall-mounted for cross wall installation



- Cross wall model for up to 190mm wall depth.
- Body and push-button in polished 304 stainless steel.
- Non-drip system (waterproof).
- With 1.20m flexible tube for remote tanks (tank not supplied).
- 30-year warranty.



729170

Cross wall liquid soap dispenser	729170	£93.07
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BINOPTIC electronic soap dispenser

Deck-mounted, mains supply



- No manual contact: infrared cell detects hands automatically.
- No-waste pump dispenser.
- Independent electronic housing and removable tank enable installation beneath the washbasin.
- Mains supply 100 - 240 V/ 50-60 Hz.
- For vegetable-based liquid soap with maximum viscosity of 3,000 mPa.s or specific foam soap.
- Models with tank: compatible with hydroalcoholic gel.
- Spout: L. 105mm in 304 stainless steel.
- CE marked. 30-year warranty.

Deck-mounted BINOPTIC electronic soap dispenser**Chrome finish**

With 1 litre tank	512021P	£354.58
With 0.5 litre tank	512521P	£354.58
With 1.20m flexible tube for remote tank	512121P	£354.58

Matte black finish

With 1 litre tank	512021BK	£407.77
With 0.5 litre tank	512521BK	£407.77
With 1.20m flexible tube for remote tank	512121BK	£407.77

For polished satin finish, replace "P" or "BK" by "S"

BINOPTIC electronic liquid or foam soap dispenser

Wall-mounted or cross wall, mains supply



- Wall-mounted or vandal-resistant cross wall (TC) models up to 110mm.
- No manual contact: infrared cell detects hands automatically.
- Mains supply 100 - 240 V/ 50-60 Hz.
- For vegetable-based liquid soap or specific foam soap.
- Models with tanks: compatible with hydroalcoholic gel.
- CE marked. 30-year warranty.

Wall-mounted BINOPTIC electronic soap dispenser**Chrome-plated 304 stainless steel**

Wall-mounted, with 1 litre tank	512051P	£312.94
Wall-mounted, with 1.20m flexi. tube for remote tanks	512151P	£312.94
Cross wall, with 1.20m flexible tube for remote tanks	512111P	£340.78

Matte black 304 stainless steel

Wall-mounted, with 1 litre tank	512051BK	£354.56
Wall-mounted, with 1.20m flexi. tube for remote tanks	512151BK	£354.56
Cross wall, with 1.20m flexible tube for remote tanks	512111BK	£386.08

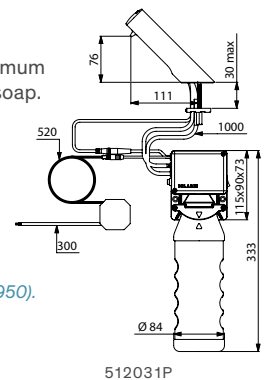
For polished satin finish, replace "P" or "BK" by "S"

TEMPOMATIC 4 electronic soap dispenser

Deck-mounted, mains supply



- No manual contact: infrared cell detects hands automatically.
- No-waste pump dispenser.
- Independent electronic housing and removable tank enable installation beneath the washbasin.
- Mains supply 100 - 240 V/ 50-60 Hz.
- For vegetable-based liquid soap with maximum viscosity of 3,000 mPa.s or specific foam soap.
- Models with tank: compatible with hydroalcoholic gel.
- Spout: L. 111mm in 304 stainless steel.
- CE marked.
- 30-year warranty.



For battery-operated models, see "Accessibility - Accessories" catalogue (DOC950).

Deck-mounted TEMPOMATIC 4 electronic

With 1 litre tank	512031P	£354.58
With 0.5 litre tank	512531P	£354.58
With 1.20m flexible tube for remote tank	512131P	£354.58

TEMPOMATIC 4 electronic soap dispenser

Wall-mounted or cross wall



- Wall-mounted or cross wall vandal-resistant models for up to 110mm wall depth.
- Spout length: 112mm.
- CE marked.
- 30-year warranty.

TEMPOMATIC 4 wall-mounted soap dispenser - Mains supply

With 1 litre tank	512041P	£327.80
With 1.20m flexible tube for remote tank	512141P	£327.80
Cross wall, 1.20m flexible tube for remote tank	512171P	£327.80

TEMPOMATIC 4 wall-mounted soap dispenser - Battery-operated

With 1 litre tank	512046P	£351.58
With 1.20m flexible tube for remote tank	512146P	£351.58



Showers

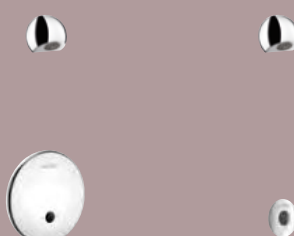
ELECTRONIC SHOWER PANELS 81



TIME FLOW SHOWER PANELS 95



ELECTRONIC SHOWER CONTROLS 113



TIME FLOW SHOWER CONTROLS 117



ADDITIONAL FITTINGS 136



POINT-OF-USE FILTERS 139





HYGIENE AND INFECTION CONTROL

Opens/closes automatically, with no manual contact

Electronic shower panels are operated by active infrared detection. Flow opens/shuts off when the detector senses hands.

No manual contact prevents the spread of germs.

Anti-bacterial duty flush programme

If a shower is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during holidays, etc.).

DELABIE's electronic shower panels have a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use.

Reduced-stagnation solenoid valve

Most solenoid valves are fitted with a rubber membrane behind which water stagnates and is not renewed.

This can lead to bacterial proliferation.

DELABIE has developed a technology without a membrane (patented system).

With this **piston-operated solenoid valve**, water is drained and renewed with every use which **reduces niches where bacteria can develop**.

The solenoid valve's self-cleaning system with a calibrated groove reduces the build-up of dirt. Furthermore, its slow closure eliminates water-hammer.

Thermal shocks

With **SECURITHERM** technology, it is possible to undertake thermal shocks without removing the panel. Simply press the red button with a pointed tool to override the maximum temperature limiter.

DESIGN

DELABIE's products, known for their endurance and reliability, have a timeless design.

Aesthetic products are subject to less vandalism as they are better respected. The smooth shape of the showers reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

EXCEPTIONAL WATER AND ENERGY SAVINGS: 80%

Exceptional water savings

Compared to conventional showers, electronic shower panels can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

• Automatic shut-off and split delivery

The shower can be interrupted at any moment by the user. If the user forgets, a **security shut-off** stops the flow after 60 seconds.

This removes the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

• Flow rate 6 lpm

DELABIE's electronic shower panels are regulated at **6 lpm**. The **flow rate remains constant** regardless of pressure variations in the system.

Energy savings

Electronic shower panels do not require much energy to operate.

DELABIE has chosen infrared active pulse technology, a **low-power consumption solution**.

The infrared beam is emitted intermittently, saving energy while ensuring effective detection.

Battery-operated models have an average lifespan of **350,000 cycles** (i.e. 3 to 6 years) depending on the frequency of use.

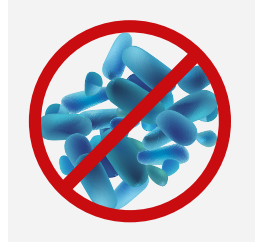
The Lithium batteries used are widely available, affordable and recyclable.

The significant **hot water savings** provided by DELABIE's shower panels also result in energy savings.

Environmental labels

The water and energy saving performance of DELABIE's shower panels means that buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

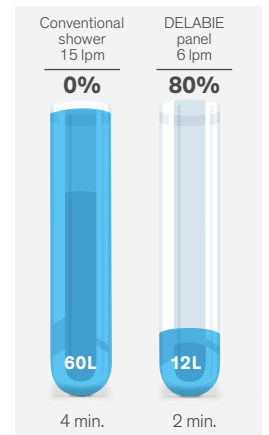
For more information see page 8.



Hygiene and infection control









Reduced-stagnation solenoid valve



Water savings per use

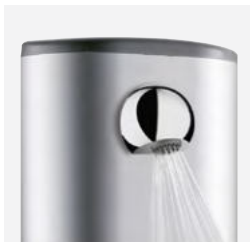
COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional shower and a DELABIE electronic panel

Flow rate	Wetting	Soaping	Rinsing	Water consumption
15L	 1 min.	 2 min.	 1 min.	60L 4 min.
6L	 1 min.		 1 min.	12L 2 min.



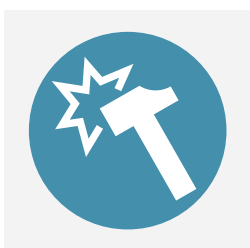
Anti-scalding safety



Comfortable spray



Choose length and finish



Vandal-resistant



Our shower panel solutions

TECHNICAL SOLUTIONS FOR ALL CONSTRAINTS

ON/OFF mode: activation with no manual contact

Electronic detection allows all users (children, the elderly or people with reduced mobility) to use the shower with no effort required.

Voluntary activation and closure with no manual contact provide perfect hygiene.

Comfort

• Comfortable rain-effect spray

DELABIE's shower systems are equipped with rain-effect shower heads that provide supreme comfort with minimal water consumption: it's now possible to have an ideal shower experience without wasting water!

• Temperature selection

Users choose the temperature themselves using the **SECURITHERM control**.

• Temperature stability

SECURITHERM thermostatic panels provide additional comfort by perfectly regulating water temperature, even in the event of pressure variations.

• Cold shower prevention

SECURITHERM thermostatic technology ensures **automatic shut-off if the hot water fails**.

Anti-scalding safety

• Maximum temperature limiter

DELABIE's mixers are delivered with a **pre-set maximum temperature limiter** which can be adjusted during installation. The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

• Anti-scalding failsafe

SECURITHERM thermostatic technology ensures that **the hot water shuts off immediately if the cold water fails**.

Types of supply

The electronic shower panels are available with **top inlet** or **concealed inlet**.

Sizes and finishes

DELABIE's shower panels are available in two different finishes: **aluminium** H. 1.0m, W. 21cm and **stainless steel** H. 1.20m, W. 25cm.

The large models are ideal for hiding the traces of previous recessed installations.

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

DELABIE's shower panels do not need to be recessed and respond to the need for vandal-resistant products in public environments whilst preserving user comfort.

Easy to install

The shower panels are delivered ready to mount and are quick to install.

Resistant to intensive use and vandalism

Shower panels are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The panels are made from **durable** and **resistant materials** whilst the controls and shower heads are made from chrome-plated solid brass.

The mechanisms and sensors are **shock-resistant**.

The panel **fixings** are **reinforced** and **concealed**.

The ends are concealed to make the back of the panel inaccessible. **Streamlined designs** prevent unwanted removal. To prevent abuse and waste, the **security shut-off** system prevents the valve from being blocked in continuous flow.

Superior endurance

DELABIE's electronic shower panel systems are hard-wearing. The piston-operated solenoid valve is self-cleaning, which **extends its lifespan** to over **500,000 operations**.

DELABIE's controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff. Access to the battery and mixer cartridge is from the **front, without having to remove the panel**.

Reliable presence detection

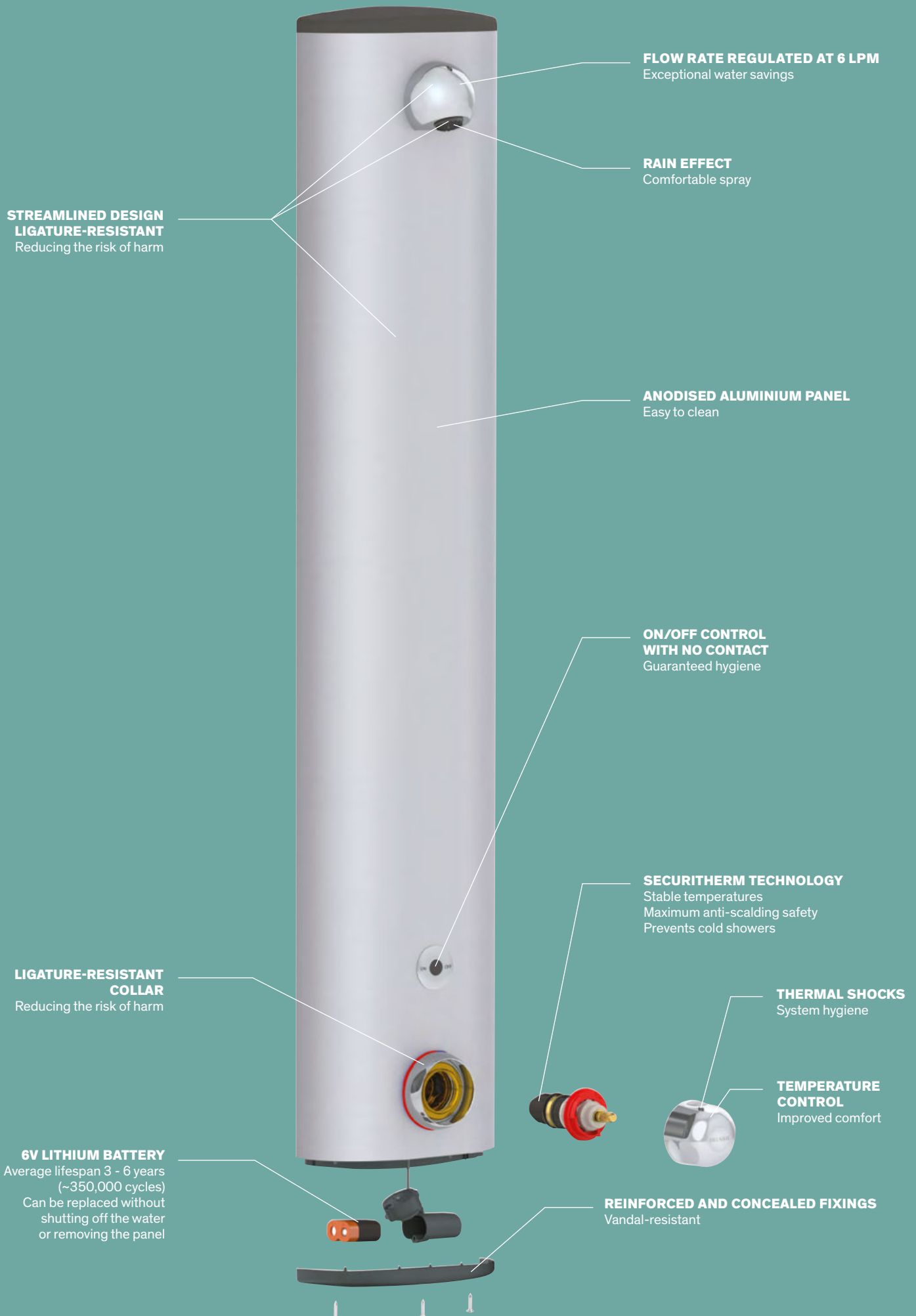
DELABIE has chosen the most reliable detection system: **infrared active pulse**. It cannot be adjusted or affected by variations in light levels.

30-year warranty against any manufacturing defects. **50 years reparability**.

Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Electrical supply*	230V / 50Hz class II (without earth connection)
6V Lithium battery*	223 CR-P2 standard battery Average lifespan ~350,000 cycles or 3 to 6 years
Duty flush programme	24 hours after the last use
Automatic shut-off in event of negligence	Prevents blocking in the open position
Temperature limiter	Can be adjusted
HW supply	55°C
CE	Complies with European directives CEM 2014/30/UE and BT 2014/35/UE

* Depending on model







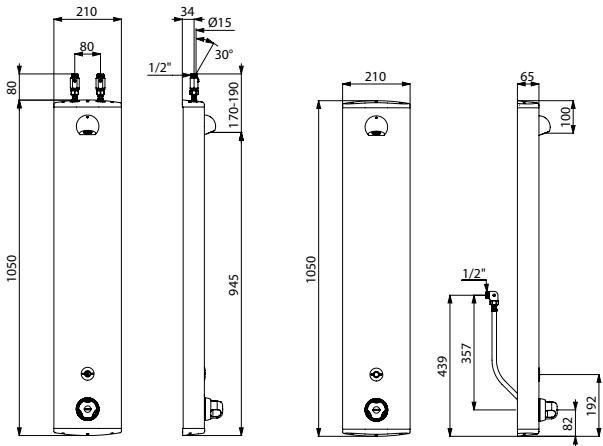
- **Exceptional water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush
- **Comfort:** temperature selection directly on the mixer, thermostatic control, voluntary or automatic shut-off, rain-effect spray
- **Anti-scalding failsafe:** automatic shut-off if cold water fails

SECURITHERM aluminium

Thermostatic electronic shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 41°C, with maximum temperature limiter.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **Battery-operated with 223 CR-P2 6V Lithium battery.**
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head.**
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 30-year warranty.



79240015

792410UK

SECURITHERM aluminium electronic shower panel		
Top inlet via in-line stopcocks Ø 15mm for compression fittings	79240015	£1,123.62
Concealed inlet via flexibles M 1/2"	792410UK	£1,123.62

We recommend installing a floor trap (see page 131)
Option: extensions for shower panels (see page 136)





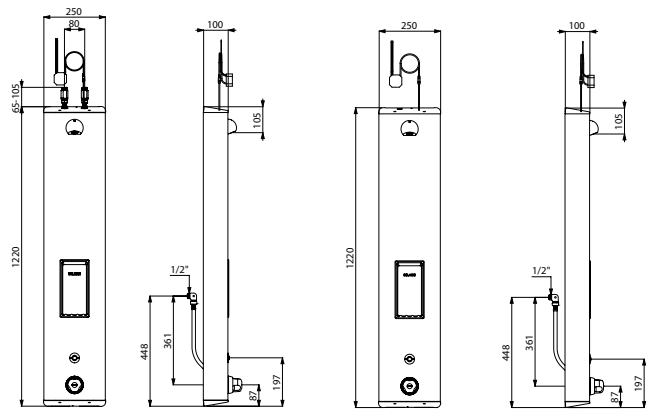
- **Exceptional water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush
- **Comfort:** temperature selection directly on the mixer, thermostatic control, voluntary or automatic shut-off, rain-effect
- **Anti-scalding failsafe:** automatic shut-off if cold water fails

SECURITHERM satin stainless steel

Thermostatic electronic shower panel



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C with 1st limiter set at 38°C and 2nd limiter set at 41°C.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **230/6V mains supply.**
- **Operation:** shower starts when electronic push-button is pressed.
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head.**
- M1/2" connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 30-year warranty.



792504

792514

SECURITHERM mains supply electronic shower panel		
Top inlet via in-line stopcocks	792504	£1,378.71
Concealed inlet via flexibles	792514	£1,378.71

We recommend installing a floor trap (see page 131)
Option: extensions for shower panels (see page 136)





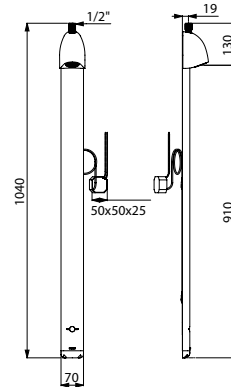
- **Exceptional water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush
- **Vandal-resistant:** aluminium panel, streamlined design, concealed fixings, ligature-resistant shower head
- **Maintenance:** made easy thanks to accessible stopcock and filter

SPORTING 2

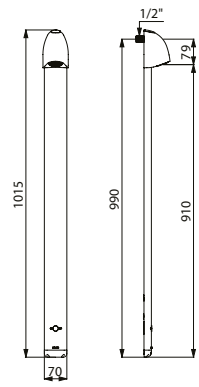
Electronic shower panel



- Anodised aluminium and chrome-plated satin finish.
- **Adjustable connector for top or back inlets.**
- Slimline structure with concealed fixings.
- **230/6V mains supply** or **CR123 6V Lithium batteries.**
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Tamperproof, fixed shower head with automatic flow rate regulation.
- Accessible filter.
- **Integrated stopcock.**
- M $\frac{1}{2}$ " connection for mixed water supply.
- Suitable for people with reduced mobility.
- 30-year warranty.



714800



714806

SPORTING 2 electronic shower panel

Mains supply	714800	£389.66
Battery-operated	714806	£389.66

We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Options: soap dish and BIOFIL filter (see pages 137 and 141)

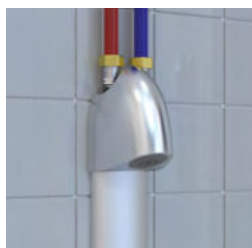


Hygiene and infection control

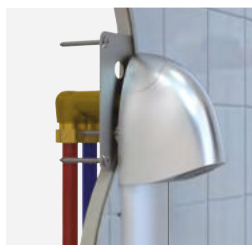


Anti-scalding safety

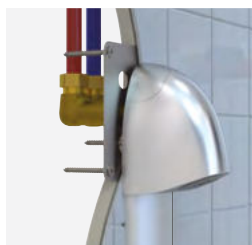
Multiple installation options



Exposed water inlets



Recessed water inlets
from below



Recessed water inlets
from above

SPORTING 2 ELECTRONIC SECURITHERM SHOWER PANEL: THE ANTI-LEGIONELLA SOLUTION

Preventative anti-legionella solution

The Health and Safety Executive's guidance HSG 274 Part 2 (2014) recommends **maintaining the hot water temperature permanently above 50°C** at all points in the system in order to prevent any risk of Legionella bacteria proliferation.

Water must be **mixed as close as possible to points-of-use**. The SPORTING 2 SECURITHERM is the solution to preventing the risk of bacterial proliferation.

Hygiene

The **thermostatic mixer is integrated in the head** of the SPORTING 2 SECURITHERM panel. Circulating hot water from the system is mixed with cold water directly at the point-of-use. There is therefore **no mixed water between the circulating loop and the point-of-use**, which significantly reduces the risk of bacterial development.

The electronic SPORTING 2 has an **anti-bacterial duty flush programme**.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use, therefore avoiding water stagnation in the pipework.

The SPORTING 2 SECURITHERM ensures a shower without bacteria.

Anti-scalding failsafe

SECURITHERM thermostatic technology ensures automatic shut-off if the cold water fails. **As such, the SPORTING 2 SECURITHERM has no risk of scalding.**

Comfort

• Temperature stability

The SPORTING 2 panel **delivers water at a stable temperature**, even in the event of pressure variations.

• Cold shower prevention

SECURITHERM thermostatic technology ensures **automatic shut-off if the hot water fails**.

Multiple installation options

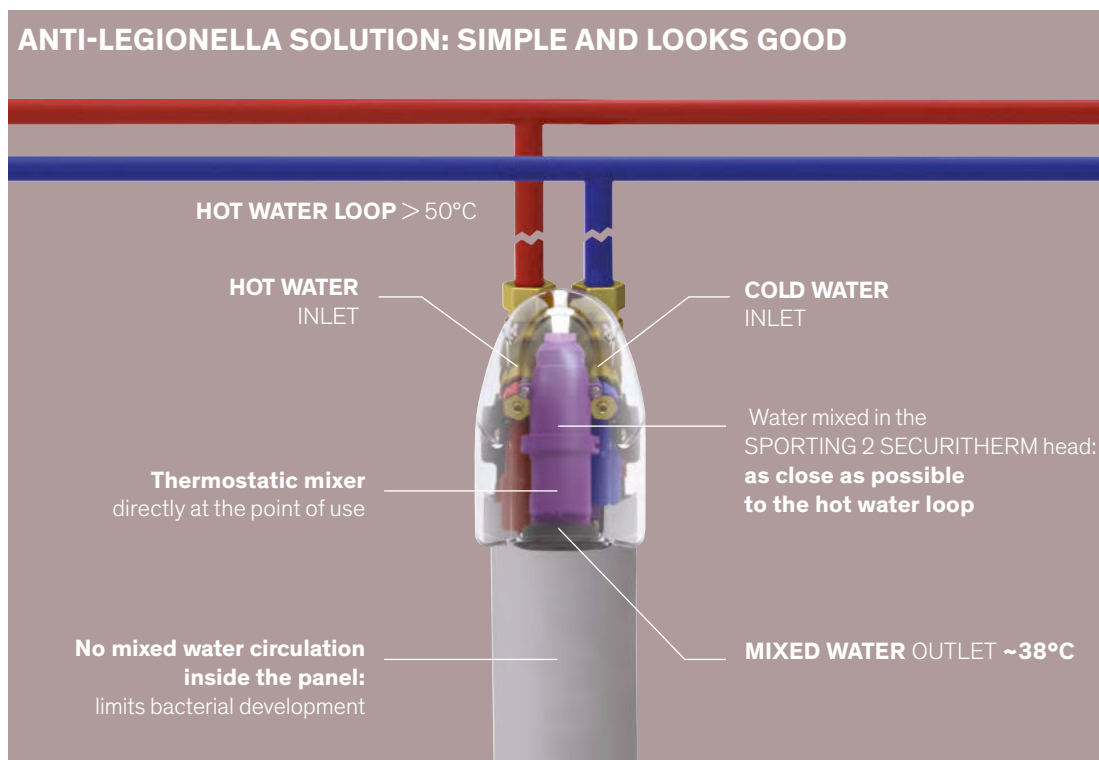
The panel exists in 2 versions:

- exposed water inlets, for connection in front of the wall, from above,
- recessed water inlets for connection from behind the wall from above or below.

30-year warranty against any manufacturing defects.

50 years repairability.

ANTI-LEGIONELLA SOLUTION: SIMPLE AND LOOKS GOOD





- **Exceptional water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** aluminium panel, streamlined design, concealed fixings, ligature-resistant shower head

SPORTING 2 SECURITHERM

Thermostatic and electronic shower panel

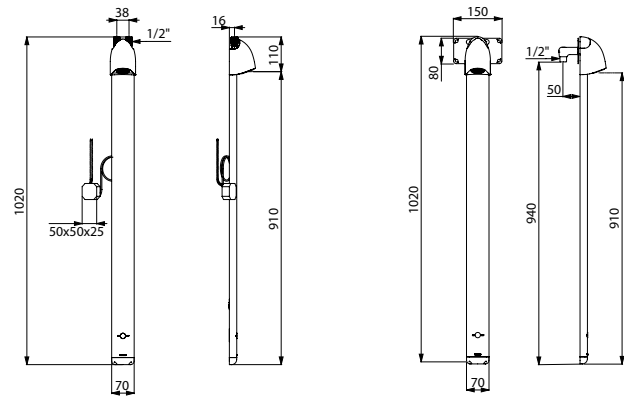
NEW



- Anodised aluminium and chrome-plated satin finish.
- Slimline structure with concealed fixings.
- **230/6V mains supply** or **CR123 6V Lithium batteries**.
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Tamperproof, fixed shower head with automatic flow rate regulation.
- Accessible filters and non-return valves.
- **Integrated stopcocks.**
- M $\frac{1}{2}$ " connections (compact nanny joint for recessed models).
- Suitable for people with reduced mobility.
- 30-year warranty.

SECURITHERM technology:

- **Thermostatic mixer** directly integrated in the head of the shower panel.
- Temperature pre-set by the installer.
- **Stable temperature preset at 38°.**
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.



714900

714612 + 714916

Awards:



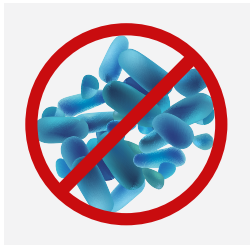
SPORTING 2 SECURITHERM electronic shower panel

Mains supply - Top inlet	714900	£516.31
Battery-operated - Top inlet	714906	£516.31
* Kit 1: Nanny joint for recessed water inlet	714012	£91.78
* Kit 2: Shower panel - Mains supply	+ 714910	£458.94
* Kit 1: Nanny joint for recessed water inlet	714612	£91.78
* Kit 2: Shower panel - Battery-operated	+ 714916	£458.94

We recommend installing a floor trap (see page 131)

Option: soap dish (see page 137)





Hygiene and infection control

HYGIENE AND INFECTION CONTROL

Opens/closes automatically, with no manual contact

The SPORTING 2 is operated by infrared detection. Flow opens/shuts off when the detector senses hands. **No manual contact prevents the spread of germs by hand.**

Anti-bacterial duty flush programme

If a shower is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during the holidays, etc.).

The **electronic** SPORTING 2 has a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use.



Reduced-stagnation solenoid valve

Reduced-stagnation solenoid valve

Most solenoid valves are fitted with a rubber membrane behind which water stagnates and is not renewed. This can lead to bacterial proliferation.

DELABIE has developed a patented system without a membrane. With this **piston-operated solenoid valve**, water is drained and renewed with every use **which reduces niches where bacteria can develop.**

The solenoid valve's self-cleaning system with a calibrated groove reduces the build-up of dirt. Furthermore, its slow closure eliminates water-hammer.

EXCEPTIONAL WATER AND ENERGY SAVINGS: 80%

Exceptional water savings

• Automatic shut-off and split delivery

The shower can be interrupted at any moment by the user. If the user forgets, **shut-off is automatic** after 60 seconds. This removes the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

• Flow rate 6 lpm

The electronic SPORTING 2 has a pre-set flow rate of **6 lpm**.

Energy savings

The SPORTING 2 uses infrared technology which has a **low energy consumption**. The ray, emitted intermittently, saves energy while guaranteeing effective detection.

Lithium batteries have a **lifespan of 3 to 6 years** depending on the frequency of use.

These batteries are widely available, affordable and recyclable.

Environmental labels

The water and energy saving performance of the SPORTING 2 means that buildings achieve the highest performance standards for international rating schemes such as HQE, BREEAM or LEED.

For more information see page 8.

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Adaptability

The SPORTING 2 panel offers **two types of supply connection**: from the top, or from the back for recessed water inlets.

Comfort

DELABIE's shower systems are equipped with rain-effect shower heads that provide supreme comfort with minimal water consumption: it's now possible to have an ideal shower experience without wasting water! Moreover, the shower panels are suitable for all users (children, the elderly or people with reduced mobility).

Temperature stability and anti-scalding failsafe

On **SECURITHERM** versions, a **thermostatic** mixer is integrated in the panel head. This technology ensures **immediate shut-off** of the hot water if the cold water fails (and vice versa) and delivers a **stable water temperature**, without variations.

Resistant to intensive use and vandalism

The SPORTING 2 has been specifically designed to withstand intensive use and vandalism.

The panel is made from **aluminium**, a durable and resistant material. The panel fixings are reinforced and **concealed**. The **streamlined design** and **slimline structure** prevent unwanted removal.

The **ligature-resistant shower head** withstands any attempts at unwanted removal or self-harm.

Superior endurance

The SPORTING 2 system is hard-wearing.

The piston-operated solenoid valve is self-cleaning, which extends its lifespan to over **500,000 operations**.

Minimal servicing

Shower head nozzles and mechanisms are made from **scale-resistant materials** (Hostaform®). The panel can be serviced without having to remove it. Simply remove the cap, with the tool supplied, to clean the filter protecting the mechanism.

To facilitate the replacement of the solenoid valve or for frost protection, the **stopcocks** are **integrated** directly on the panel.

Simple to maintain

The spare parts are standardised to ensure quick and easy replacement by maintenance staff.

Battery changes can be carried out **without removing the panel**.

Easy to install

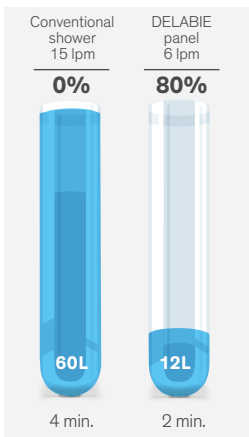
The shower panels are delivered ready to fit and are quick to install.

30-year warranty against any manufacturing defects. **50 years repairability.**

DESIGN

DELABIE's products, known for their endurance and reliability, have a timeless design. The diversity of the product range fits in perfectly with any commercial installation. In an office block or shopping centre, it is key that the product fits the space's design.

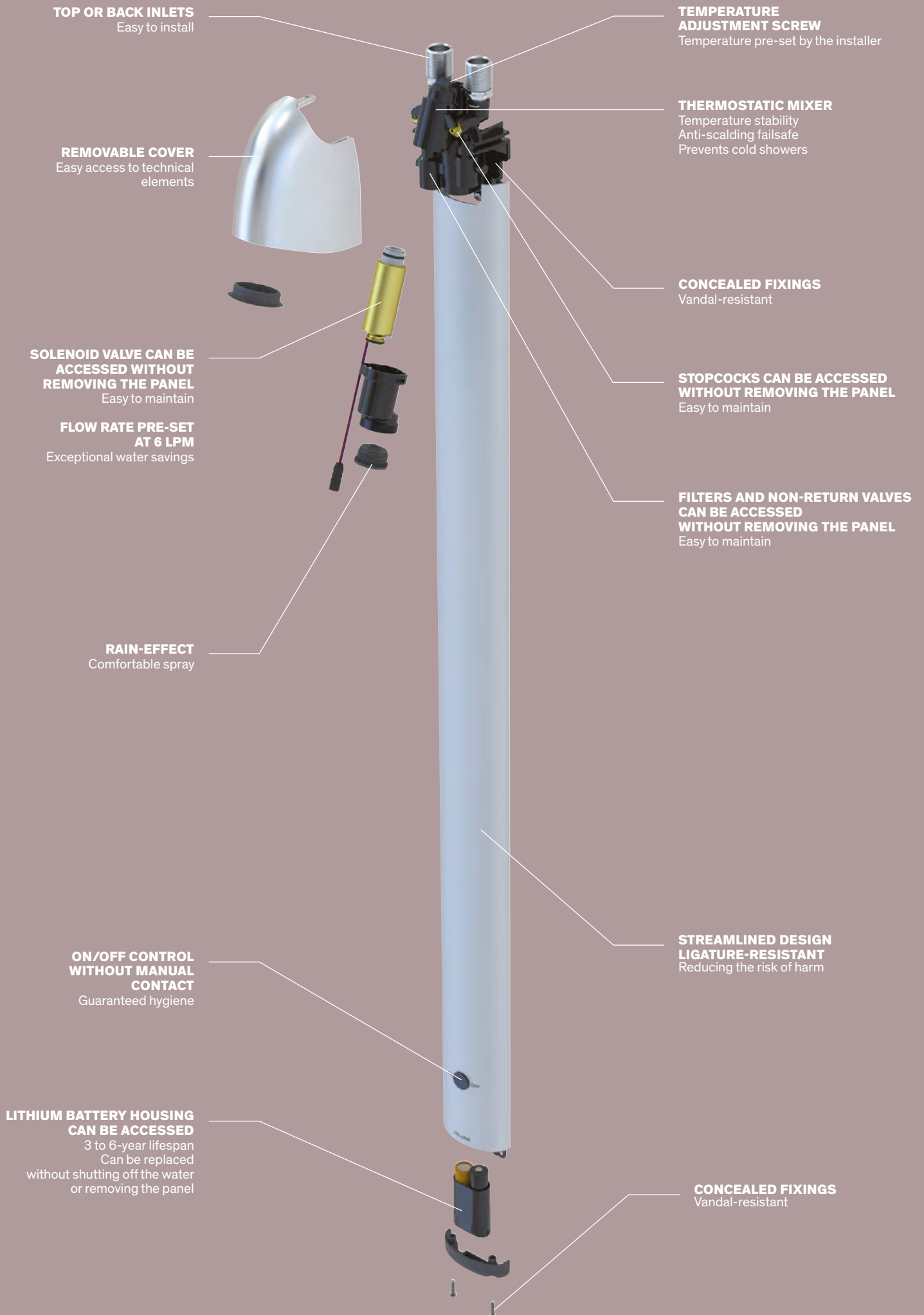
Aesthetic products are subject to less vandalism as they are better respected. The smooth shape of the showers reduces the build-up of dirt and facilitates cleaning. Easy but secure access to the control mechanisms provides easy maintenance.



Water savings per use



Vandal-resistant





HYGIENE AND INFECTION CONTROL

Automatic timed shut-off, with no manual contact

Time flow shower panels shut off automatically once the push-button has been pressed and the valve has opened.

No manual contact after washing prevents the spread of germs by hand.

Thermal shocks

With **SECURITHERM** technology, it is possible to undertake thermal shocks without removing the panel. Simply press the red button with a pointed tool to override the maximum temperature limiter.

DESIGN

Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation. In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings. In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

Design without constraints

Aesthetic products are subject to less vandalism as they are better respected.

The **smooth shape** of the showers reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

EXCEPTIONAL WATER AND ENERGY SAVINGS: 80%

Exceptional water savings

Compared to conventional showers, time flow shower panels can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

• Automatic shut-off and split delivery

The time flow is automatic and shuts off after approximately 30 seconds of flow.

Time flow panels remove the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

• Flow rate 6 lpm

The time flow shower panels are regulated at **6 lpm**. The flow rate remains constant regardless of pressure variations in the system.

Energy savings

DELABIE's time flow shower panels operate completely autonomously with no need for an electrical supply. They **do not consume any power at all**.

The significant **hot water savings** provided by the shower panels also result in energy savings.

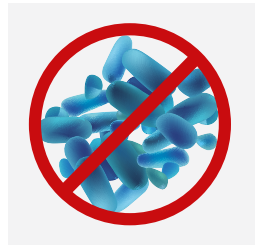
Ecological

DELABIE's shower panels are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

Environmental labels

The water and energy saving performance of the shower panels means that buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

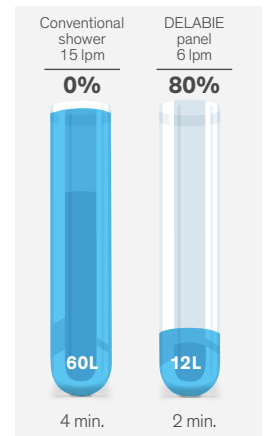
For more information see page 8.



Hygiene and infection control









Optimised time flow



Water savings per use

COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional shower and a DELABIE time flow panel

Flow rate	Wetting	Soaping	Rinsing	Water consumption
15L	 1 min.	 2 min.	 1 min.	60L 4 min.
6L	 2 x 30 sec.		 2 x 30 sec.	12L 2 min.



Soft technology:
soft-touch operation



Anti-scalding safety



Comfortable spray



Choice of sizes and finishes



Our panel solutions

TECHNICAL SOLUTIONS FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user. DELABIE has developed specific products to respond to a variety of challenges (improving comfort, avoiding waste, user safety, etc.).

Soft technology: soft-touch operation

DELABIE has developed time flow controls with **soft-touch operation**. Soft technology allows all users (children, the elderly or people with reduced mobility) to use the showers with no effort required. **TEMPOSOF** panels are fitted with a priming system that requires half the effort to operate, compared to conventional showers.

Comfort

• Temperature selection

Users choose the temperature themselves using the **TEMPOMIX** or **SECURITHERM** control.

• Temperature stability

SECURITHERM thermostatic panels provide additional comfort by perfectly regulating water temperature, even in the event of pressure variations.

• Cold shower prevention

SECURITHERM thermostatic technology ensures **automatic shut-off if the hot water fails**.

• Comfortable rain-effect spray

The shower head's bespoke design offers a **comfortable** spray with a **satisfying** enveloping effect at a low acoustic level.

Anti-scalding safety

• Maximum temperature limiter

DELABIE's mixers are delivered with a **pre-set maximum temperature limiter** which can be adjusted during installation.

The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

• Anti-scalding failsafe

SECURITHERM thermostatic technology ensures that **the hot water shuts off immediately if the cold water fails**.

Types of supply

The electronic shower panels are available with **top inlet** or **concealed inlet**.

Sizes and finishes

DELABIE's shower panels are available in two different finishes: **aluminium** H. 1.0m, W.21cm and **satin stainless steel** H. 1.20m, W. 25cm. The large models are ideal for hiding the traces of previous recessed installations.

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

DELABIE's shower panels do not need to be recessed, and respond to the need for vandal-resistant products in public environments, whilst maintaining user comfort.

Resistant to intensive use and vandalism

DELABIE's shower panels are specifically designed to withstand intensive use, as well as voluntary and involuntary vandalism.

The panels are made from **durable** and **resistant materials** whilst the controls and shower heads are made from chrome-plated solid brass.

The mechanisms are **shock-resistant**. The panel **fixings** are **reinforced** and **concealed**. The ends are concealed to make the back of the panel inaccessible. **Streamlined designs** prevent unwanted removal.

Superior endurance

The mechanisms in DELABIE's time flow panels are hard-wearing.

The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**. There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**.

DELABIE's controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff. The whole of the system is integrated within **an interchangeable cartridge which can be accessed from the front, without having to remove the panel**.

Easy to install

The shower panels are delivered ready to mount and are quick to install.

30-year warranty against any manufacturing defects. **50 years reparability**.

Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Temperature limiter	Can be adjusted
HW supply	55°C
Time flow	30 seconds

REINFORCED AND CONCEALED FIXINGS
Vandal-resistant

FLOW RATE REGULATED AT 6 LPM
Exceptional water savings

RAIN-EFFECT
Comfortable spray

**STREAMLINED DESIGN
LIGATURE-RESISTANT**
Reducing the risk of harm

ANODISED ALUMINIUM PANEL
Easy to clean

SOFT-TOUCH OPERATION
Improved comfort

SECURITHERM TECHNOLOGY
Stable temperatures
Maximum anti-scalding safety
Prevents cold showers

LIGATURE-RESISTANT COLLAR
Reducing the risk of harm

THERMAL SHOCKS
System hygiene

TEMPERATURE CONTROL
Improved comfort

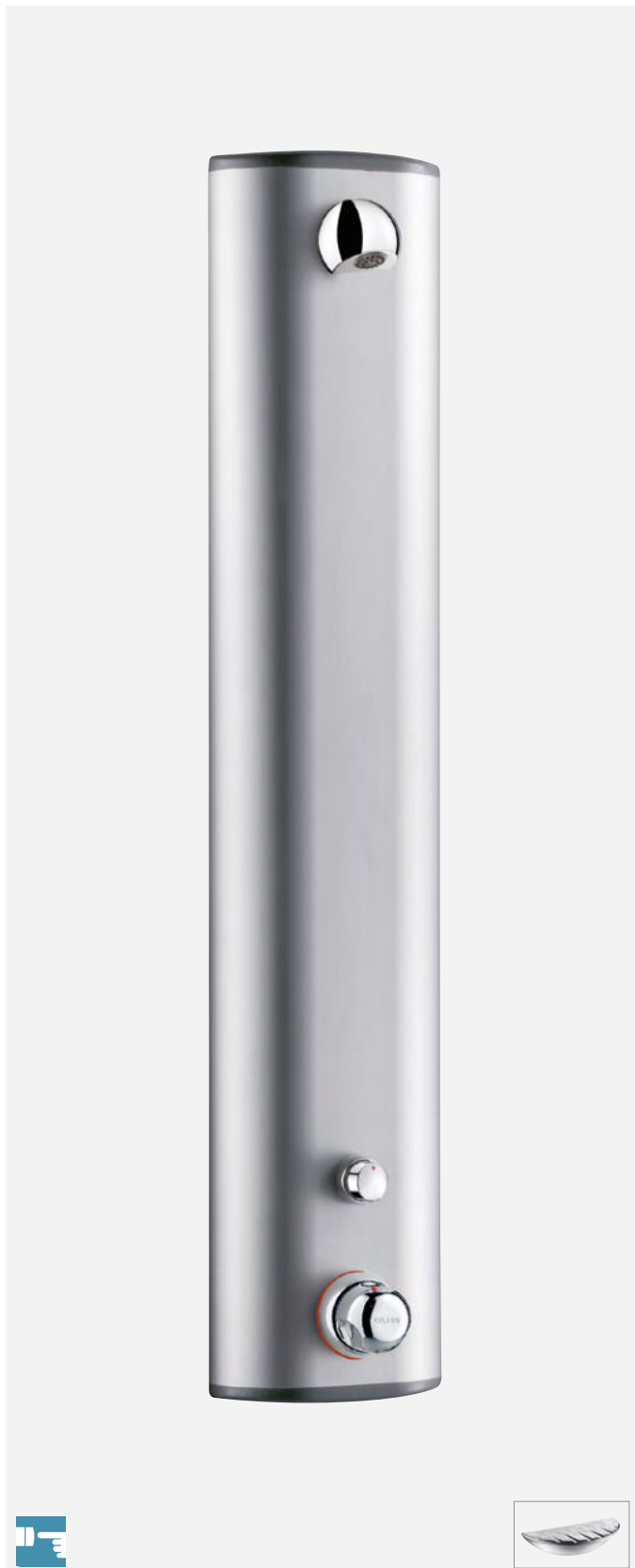
DELABIE / SECURITHERM time flow thermostatic shower panels



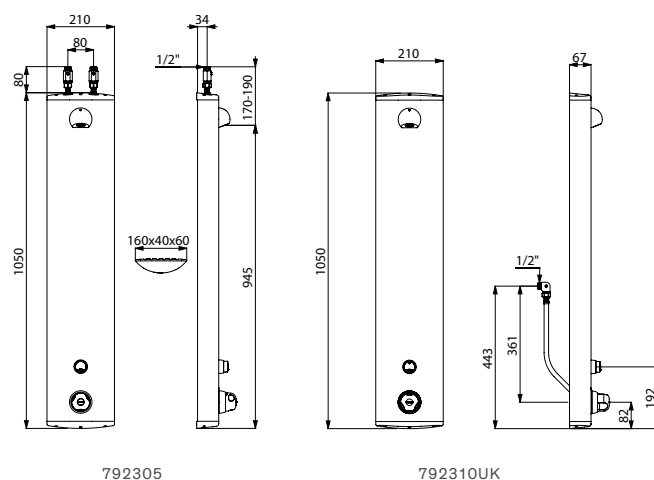
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control, rain-effect spray
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** aluminium panel, concealed fixings, solid brass shower head and shower valve

SECURITHERM aluminium

Time flow or dual control shower panel



- Anodised aluminium panel for wall mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control: from cold water up to 38°C; 1st temperature limiter set at 38°C, 2nd limiter set at 41°C (except refs. 79230015 and 792310UK: temperature limiter fixed at 41°C).
- **Anti-scalding failsafe:** automatic shut-off if cold water supply fails.
- Thermal shocks are possible.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head.**
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 30-year warranty.



SECURITHERM time flow shower panel		
Top inlet via in-line stopcocks M $\frac{1}{2}$ " With soap dish	792305	£926.88
Top inlet via in-line stopcocks Ø 15mm for compression fittings. Without soap dish	79230015	£916.80
Concealed inlet via flexibles M $\frac{1}{2}$ " Without soap dish	792310UK	£916.80

We recommend installing a floor trap (see page 131)
Option: extensions for shower panels (see page 136)



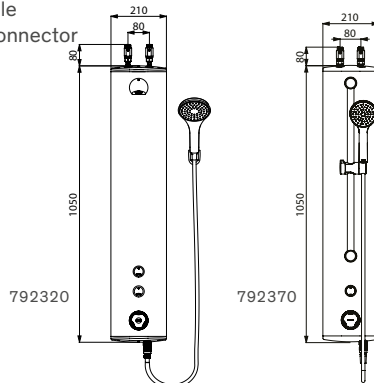
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control, rain-effect spray
- **Anti-scalding safety:** automatic shut off if cold water supply fails
- **Vandal-resistant:** aluminium panels, concealed fixings, solid brass valve and shower head

SECURITHERM aluminium

Time flow shower panel with removable handset



- Anodised aluminium panel for wall mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control: from cold water up to 38°C; 1st temperature limiter set at 38°C, 2nd second limiter set at 41°C.
- **Anti-scalding safety:** automatic shut-off if cold water supply fails.
- **Prevents cold showers:** automatic shut-off if hot water supply fails.
- Thermal shocks are possible.
- **Time flow shower valves ~30 seconds with soft-touch operation.**
- Chrome-plated, tamperproof **ROUND shower head, flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- **Handset** with removable flexible hose via push-fit rapid STOP connector and wall support provided.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 30-year warranty.



SECURITHERM aluminium dual control time flow shower panel

Top inlet via in-line stopcocks	792320	£1,021.15
Concealed inlet via flexibles	792330	£1,016.65

SECURITHERM aluminium single control time flow panel

Top inlet, with sliding handset	792370	£1,021.15
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We recommend installing a floor trap (see page 131)

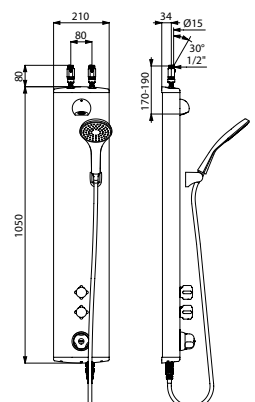
Option: extensions for shower panels (see page 136)

SECURITHERM aluminium

Mechanical shower panel with removable handset



- Anodised aluminium panel for wall mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control: from cold water up to 38°C; 1st temperature limiter set at 38°C, 2nd second limiter set at 41°C (except for ref. 79239015: temperature limiter fixed at 41°C).
- **Anti-scalding failsafe:** automatic shut-off if cold water supply fails.
- **Prevents cold showers:** automatic shut-off if hot water supply fails.
- Thermal shocks are possible.
- **Non-time flow shower valves** ¼-turn to control ROUND shower head and handset flow.
- Chrome-plated, tamperproof **ROUND shower head, flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- **Handset** with removable flexible hose via push-fit rapid STOP connector and wall support provided.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 30-year warranty.



SECURITHERM aluminium dual control mechanical shower panel

Top inlet via in-line stopcocks Ø 15mm compression fittings	79239015	£1,048.08
Concealed inlet via flexibles	792380	£1,038.95

We recommend installing a floor trap (see page 131)

Option: extensions for shower panels (see page 136)

DELABIE / SECURITHERM time flow thermostatic shower panels



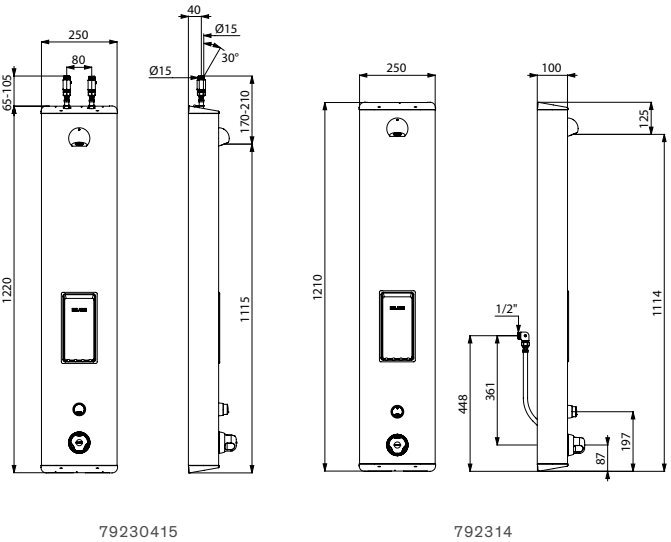
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control, rain-effect spray
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** satin stainless steel panel, concealed fixings, solid brass shower head and shower valve

SECURITHERM satin stainless steel

Time flow shower panel with fixed head



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C; with 1st limiter set at 38°C and 2nd limiter set at 41°C (except for ref. 79230415: temperature limiter set at 41°C).
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof, **ROUND shower head.**
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 30-year warranty.



SECURITHERM time flow shower panel		
Top inlet via in-line stopcocks		
With integrated soap dish Ø 15mm for compression fittings	79230415	£1,071.59
Without soap dish - M $\frac{1}{2}$ "	792303	£999.10
Concealed inlet via flexibles		
With integrated soap dish - M $\frac{1}{2}$ "	792314	£1,045.66
Without soap dish - M $\frac{1}{2}$ "	792313	£999.10
We recommend installing a floor trap (see page 131) Option: extensions for shower panels (see page 136)		



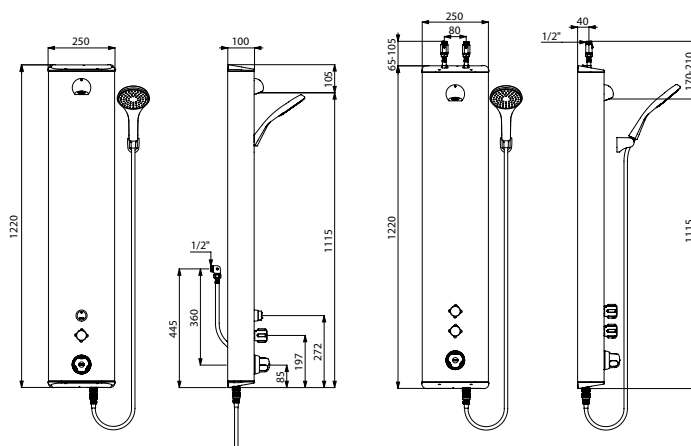
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control, rain-effect spray
- **Anti-scalding safety:** automatic shut-off if cold water fails
- **Vandal-resistant:** satin stainless steel panel, concealed fixings, solid brass shower head and shower valve

SECURITHERM satin stainless steel

Dual control shower panel with handset



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C; with 1st limiter set at 38°C and 2nd limiter set at 41°C.
- **Anti-scalding safety:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.
- Chrome-plated, tamperproof, **fixed ROUND shower head, flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- **Handset** with removable flexible via rapid push-fit STOP connector and wall support supplied.
- **Operation:**
 - Model 792334: **1 ~30-second time flow valve with soft-touch operation** to control the fixed ROUND shower head, and **1 non-time flow** ¼-turn valve to control the handset.
 - Model 792344: **2 non-time flow valves** to control the ROUND shower head and the handset.
- Thermal shocks are possible.
- M½" connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 30-year warranty.



792334

792344

SECURITHERM time flow dual control shower panel		
Concealed inlet via flexibles	792334	£1,183.43
SECURITHERM non-time flow dual control shower panel		
Top inlet via in-line stopcocks	792344	£1,145.07

We recommend installing a floor trap (see page 131)
Option: extensions for shower panels (see page 136)





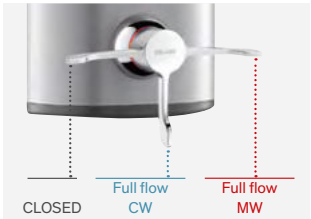
- **Exceptional water savings**
- **Comfort:** temperature selection directly on the single control mixer, thermostatic control, rain-effect spray
- **Anti-scalding failsafe:** automatic shut-off if cold water fails, opens with cold water
- **Vandal-resistant:** aluminium panel, concealed fixings, solid brass shower head and shower valve

SECURITHERM aluminium

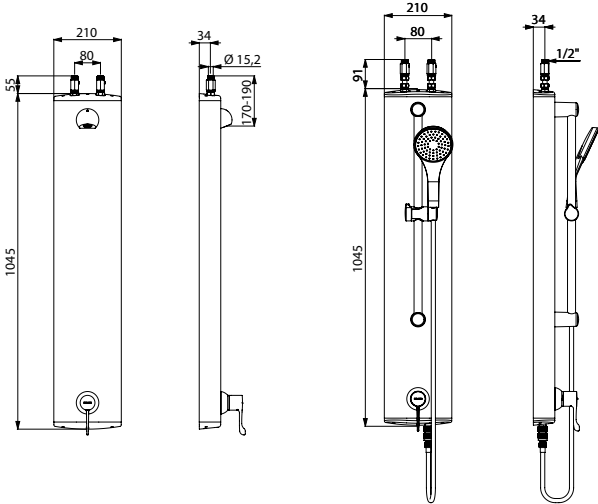
Sequential thermostatic shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **SECURITHERM sequential thermostatic shower mixer** (non-time flow).
- Adjustable temperature control from cold water up to 39°C; maximum temperature limiter set at 39°C, can be adjusted.
- **Sequential:** opens and closes on cold water.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- Models H963915, H9639 and H9634: chrome-plated, tamperproof.
- **ROUND shower head** with automatic flow rate regulation, **6 lpm** at 3 bar, comfortable rain-effect spray.
- Models H963615 and H9636: with **sliding handset** on a chrome-plated rail with removable flexible hose via rapid push-fit STOP connector, **flow rate 9 lpm** at 3 bar.
- Hygiene lever L. 100mm.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters.
- Suitable for people with reduced mobility.
- 30-year warranty.



Sequential open and closing



SECURITHERM sequential shower panel with fixed shower head		
Top inlet via in-line stopcocks Ø15mm for compression fittings and copper tails	H963915	£731.45
Top inlet via in-line stopcocks M $\frac{1}{2}$ "	H9639	£717.77
Concealed inlet via flexibles M $\frac{1}{2}$ "	H9634	£717.77
SECURITHERM sequential shower panel with sliding handset		
Top inlet via in-line stopcocks Ø15mm for compression fittings and copper tails	H963615	£840.81
Top inlet via in-line stopcocks M $\frac{1}{2}$ "	H9636	£854.49
Concealed inlet via flexibles M $\frac{1}{2}$ "	H9635	£840.81

We recommend installing a floor trap (see page 131)
Option: extensions for shower panels (see page 136)



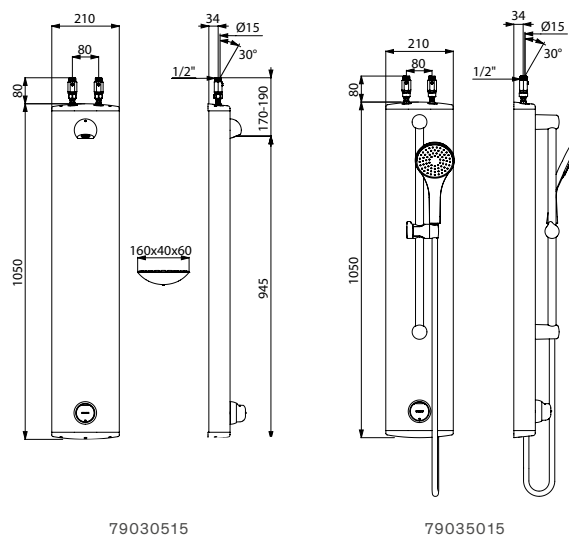
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly on the single control mixer, soft-touch operation, rain-effect spray
- **Vandal-resistant:** aluminium panel, concealed fixings, solid brass shower head and shower valve

TEMPOMIX aluminium

Time flow shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **TEMPOMIX mixer** with adjustable maximum temperature limiter.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Chrome-plated, tamperproof, **ROUND shower head** with automatic flow rate regulation or **sliding handset** on a chrome-plated rail with flexible hose.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 30-year warranty.



79030515

79035015

TEMPOMIX time flow shower panel with fixed shower head

Top inlet via in-line stopcocks Ø 15mm for compression fittings

With soap dish	79030515	£814.63
Without soap dish	79030015	£778.91

Concealed inlet via flexibles M $\frac{1}{2}$ "

Without soap dish	790310	£769.80
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TEMPOMIX time flow shower panel with sliding handset

Top inlet via in-line stopcocks Ø 15mm for compression fittings, without soap dish	79035015	£920.27
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We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Option: extensions for shower panels (see page 136)



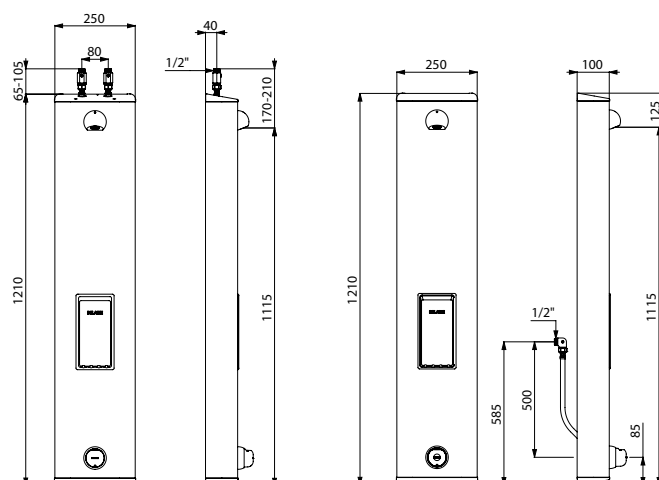
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly on the single control mixer, soft-touch operation, rain-effect spray
- **Vandal-resistant:** stainless steel panel, concealed fixings, solid brass shower head and shower valve

TEMPOMIX satin stainless steel

Time flow shower panel with fixed shower head



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **TEMPOMIX mixer** with adjustable maximum temperature limiter.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Integrated soap dish.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 30-year warranty.



790204

790214

TEMPOMIX time flow shower panel with fixed shower head

Top inlet via in-line stopcocks	790204	£972.75
Concealed inlet via flexibles	790214	£972.75

We recommend installing a TMV (see page 143) and a floor trap (see page 131)

Option: extensions for shower panels (see page 136)



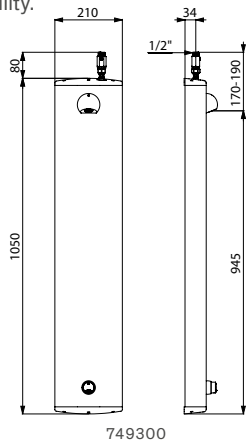
- **Exceptional water savings:** 80%
- **Vandal-resistant:** aluminium shower panel, concealed fixings, solid brass shower head and shower valve

TEMPOSOF aluminium

Time flow shower panel with fixed shower head



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **TEMPOSOF time flow control** for mixed water.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- M $\frac{1}{2}$ " connection for mixed water supply.
- Concealed fixings.
- Filter.
- Suitable for people with reduced mobility.
- 30-year warranty.



TEMPOSOF time flow shower panel with fixed shower head		
Top inlet via in-line stopcock	749300	£554.53
Concealed inlet via flexible	749310	£554.53

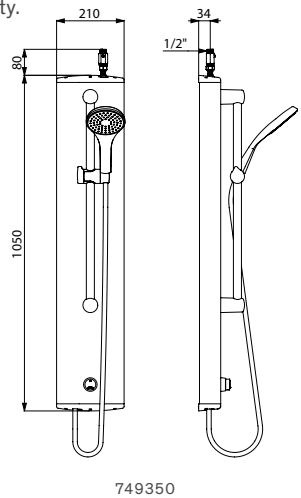
We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Option: extensions for shower panels (see page 136)

TEMPOSOF aluminium

Time flow shower panel with sliding handset



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- Top inlet supply for mixed water via in-line stopcock M $\frac{1}{2}$ ".
- **TEMPOSOF time flow control** for mixed water.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- Sliding **handset** on a chrome-plated rail with flexible hose.
- Concealed fixings.
- Filter.
- Suitable for people with reduced mobility.
- 30-year warranty.



TEMPOSOF time flow shower panel with sliding handset		
	749350	£639.85

We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Option: extensions for shower panels (see page 136)



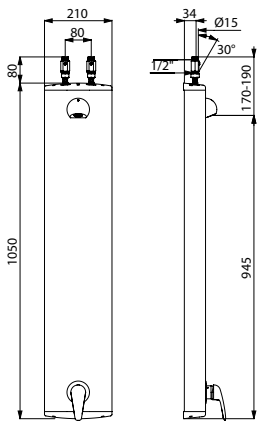
- **Exceptional water savings:** 70%
- **Vandal-resistant:** aluminium shower panel, concealed fixings, solid brass shower head and shower valve
- **Comfort:** temperature selection directly on the single control mixer

Aluminium shower panel

Mechanical shower panel with fixed shower head



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- Top inlet via in-line stopcocks Ø 15mm for compression fittings.
- **Mechanical mixer without time flow.**
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Concealed fixings.
- Filters.
- Suitable for people with reduced mobility.
- 30-year warranty.



79130015

Mechanical shower panel with fixed shower head	79130015	£686.12
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We recommend installing a TMV (see page 143) and a floor trap (see page 131)

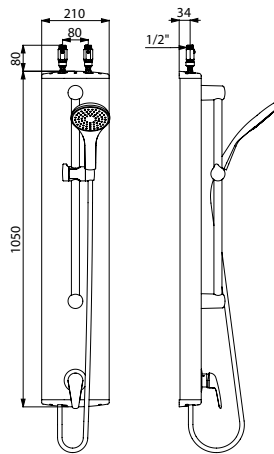
Option: extensions for shower panels (see page 136)

Aluminium shower panel

Mechanical shower panel with sliding handset



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **Mechanical mixer without time flow.**
- Sliding **handset** on a chrome-plated rail with flexible hose.
- M 1/2" connections.
- Concealed fixings.
- Filters.
- Suitable for people with reduced mobility.
- 30-year warranty.



791350

Mechanical shower panel with sliding handset		
Top inlet via in-line stopcocks	791350	£843.73
Concealed inlet via flexibles	791360	£843.73

We recommend installing a TMV (see page 143) and a floor trap (see page 131)

Option: extensions for shower panels (see page 136)





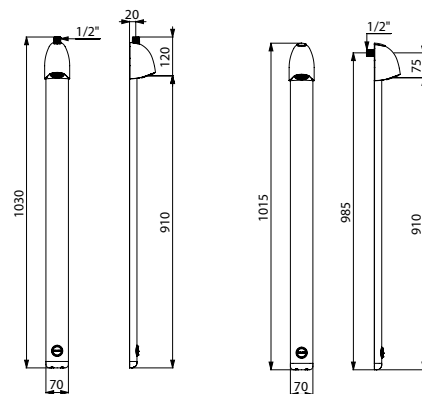
- **Exceptional water savings:** 80%
- **Vandal-resistant:** aluminium shower panel, streamlined design, concealed fixings, ligature-resistant shower head
- **Maintenance:** made easy thanks to accessible stopcock and filter
- **Comfort:** soft-touch operation, mixed water supply, rain-effect spray

SPORTING 2

Time flow shower panel



- Anodised aluminium and chrome-plated satin finish.
- **Adjustable connector for top or back inlets.**
- Slimline structure with concealed fixings.
- **Soft-touch operation.**
- Automatic mechanical flush with every use.
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Tamperproof fixed shower head with automatic flow rate regulation.
- Accessible filter and non-return valve.
- **Integrated stopcock.**
- M $\frac{1}{2}$ " connection for mixed water supply.
- Suitable for people with reduced mobility.
- 30-year warranty.



714700

SPORTING 2 time flow shower panel	714700	£234.61
We recommend installing a TMV (see page 143) and a floor trap (see page 131)		
Options: soap dish and BIOFIL filter (see pages 137 and 141)		





- **Exceptional water savings:** 80%
- **Comfort:** soft-touch operation, rain-effect spray (shower)
- **Vandal-resistant:** anodised anti-corrosion aluminium shower column, chrome-plated solid brass shower head & controls
- **Easy to install:** supplied ready to fit

OUTDOOR

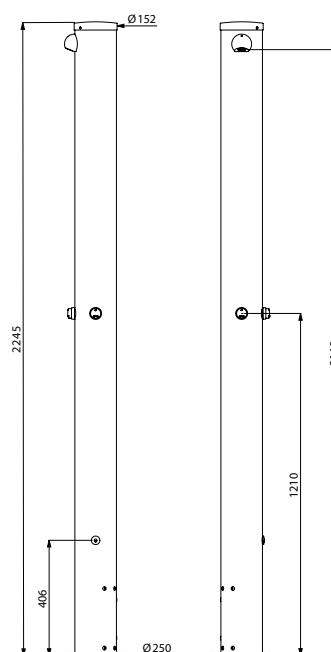
Time flow shower column



- Anodised aluminium shower column ready to fit.
- Bottom inlet via in-line stopcock F $\frac{3}{4}$ ".
- **TEMPOSOF 2 time flow valve** for mixed water supply.
- **Soft-touch operation.**
- **Time flow ~15 seconds** for the shower head and **~3 seconds** for the foot-rinse.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation, **6 lpm** at 3 bar, comfortable rain-effect spray.
- Stainless steel **foot-rinse** with flow rate **3 lpm** at 3 bar.
- Filter.
- Access panel with isolation valve and purge.
- Can easily be taken apart in winter.
- Suitable for people with reduced mobility.
- 30-year warranty.



Access panel



717511

OUTDOOR time flow shower column		
1 shower	717510	£1,244.01
1 shower and 1 foot-rinse	717511	£1,430.61
2 showers	717520	£1,492.79
2 showers and 1 foot-rinse	717521	£1,679.40
4 showers	717540	£2,052.60

We recommend installing a TMV (see page 143)



HYGIENE AND INFECTION CONTROL

Opens/closes automatically, with no manual contact

Electronic shower controls are operated by active infrared detection.

The flow opens/shuts off when the detector senses hand movement (ON/OFF mode). Without user input, the flow will automatically shut off after 60 seconds. **No manual contact prevents the spread of germs.**

Anti-bacterial duty flush programme

If a shower is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during holidays, etc.). DELABIE's electronic shower controls have a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use (programmable on some models).

EXCEPTIONAL WATER AND ENERGY SAVINGS: 80%

Exceptional water savings

Compared to conventional showers, electronic shower controls can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

• Automatic shut-off and split delivery

The shower can be interrupted at any moment by the user. If the user forgets, **a security shut-off** stops the flow after 60 seconds.

This removes the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

• Flow rate 6 lpm

DELABIE's shower controls are regulated at **6 lpm**. **The flow rate remains constant** regardless of pressure variations in the system.

TECHNICAL SOLUTIONS FOR ALL CONSTRAINTS

The recessed TEMPOMATIC 4 is a versatile designer shower system: the modular waterproof housing adapts to suit any configuration, with battery operated and mains supply models available.

• Adaptable waterproof housing

This housing is 100% waterproof and can be installed on different fixtures (rails, solid walls, panels) and adapted to fit different wall thicknesses from 10 to 120mm.

The collar, with integrated seal, ensures a completely waterproof seal.

• Minimalist design for demanding public places

TEMPOMATIC 4's round chrome-plated control plate keeps to the essentials: it holds a presence detecting sensor and nothing else. With its sleek lines and elegant finish, this shower brings cutting-edge design to public places.

• The shower experience

The DELABIE shower experience has been developed by experts. With no wasted water, energy or raw materials, there is also no compromising on the fundamentals: comfort reigns supreme.

Independent electronic control unit, 230/12V mains supply:

TEMPOMATIC recessed or cross wall models

The control unit provides the option to adjust the detection distance, change the operating mode (ON/OFF or automatic) and change the duty flush settings. The electronic control units are waterproof (IP65) with integrated LEDs to help with diagnostic checks.

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Resistant to intensive use and vandalism

Electronic controls are specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

These models are available in **recessed** or **cross wall** versions.

To prevent abuse and waste, the **security shut-off** system prevents the valve from being blocked in continuous flow.

Superior endurance

The mechanisms in electronic controls are hard-wearing. The solenoid valve has a lifespan of over **500,000 operations**.

Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

Comfortable spray

The specially designed nozzle delivers a **comfortable spray** which provides **effective** coverage and a reduced noise level. The spray can be **adjusted**.

30-year warranty against any manufacturing defects. **50 years repairability.**



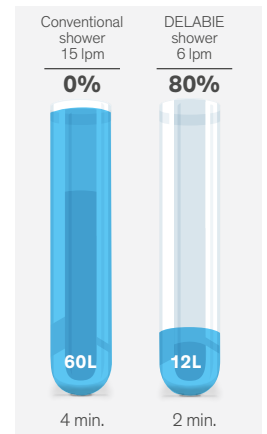
Complies with European directives CEM 2014/30/EU and BT 2014/35/EU.



Hygiene and infection control



Comfortable spray



Water savings per use



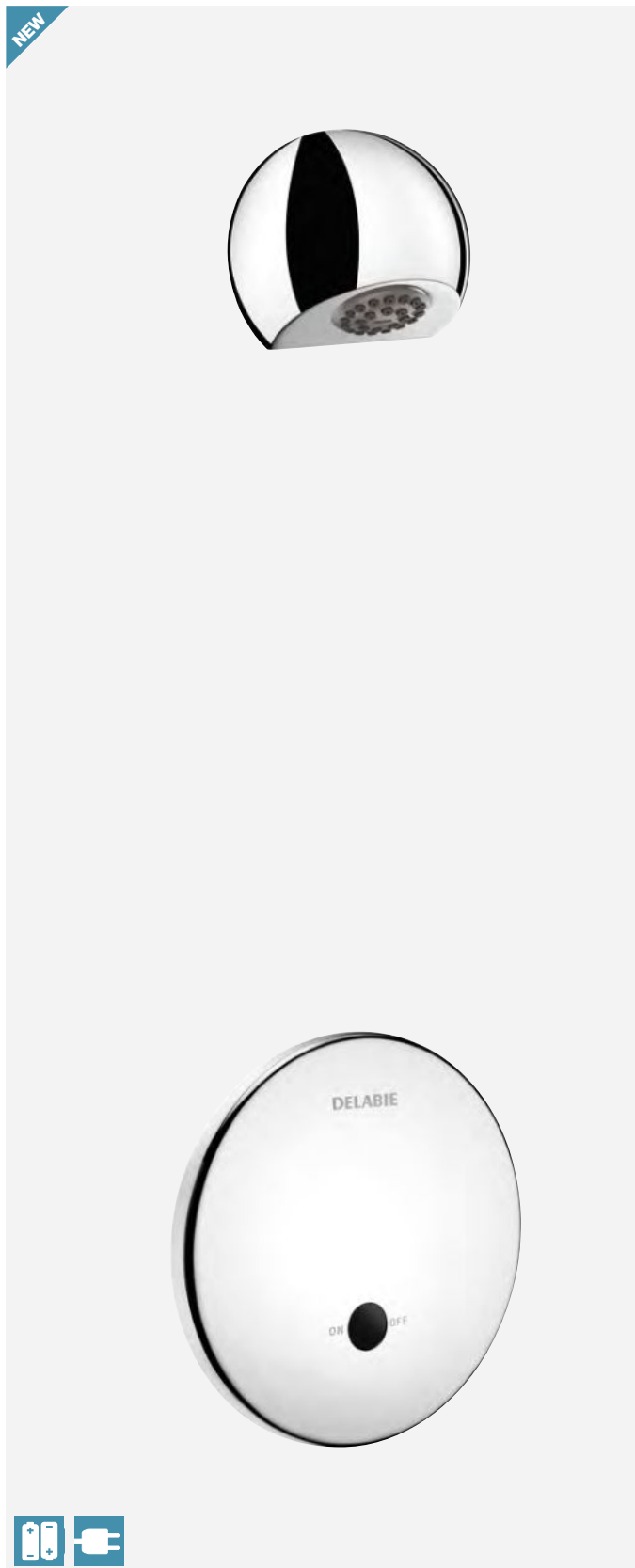
Vandal-resistant



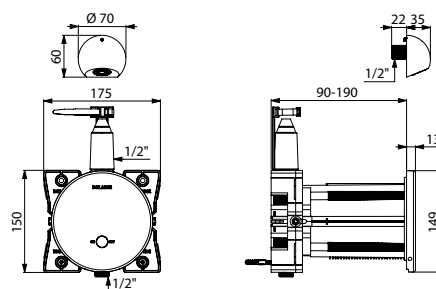
- **Exceptional water savings:** 80%
- **Hygiene:** no manual contact, duty flush reduces bacterial development
- **Comfort:** voluntary or automatic shut-off, rain-effect spray
- **Easy to install:** modular and adjustable waterproof housing (for different wall finishes)

TEMPOMATIC 4

Electronic shower kit with waterproof housing



- **Tamperproof chrome-plated metal control plate Ø 149mm.**
- **Waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcocks and flow rate adjustment, filter, non-return valve and solenoid valve are all integrated and accessible from the front.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- TEMPOMATIC 4 shower valve M1½" for mixed water supply.
- **Operated by CR123 Lithium 6V batteries or 230/6V mains supply** (cable and transformer supplied).
- Infrared presence detector, activated by passing hand in front of sensor.
- Voluntary activation or automatic shut-off after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after last use).
- **Flow rate 6 lpm at 3 bar** (16 lpm for valve without shower head), comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Suitable for people with reduced mobility.
- 30-year warranty.



443PBOX + 443219

Product currently under development.

TEMPOMATIC 4 recessed shower - mains supply		
Kit with shower head	443SBOX + 443229	£156.02 £425.36
Valve only without shower head	443SBOX + 443228	£156.02 £316.75
TEMPOMATIC 4 recessed shower - battery-operated		
Kit with shower head	443PBOX + 443219	£147.59 £408.23
Valve only without shower head	443PBOX + 443218	£147.59 £299.62

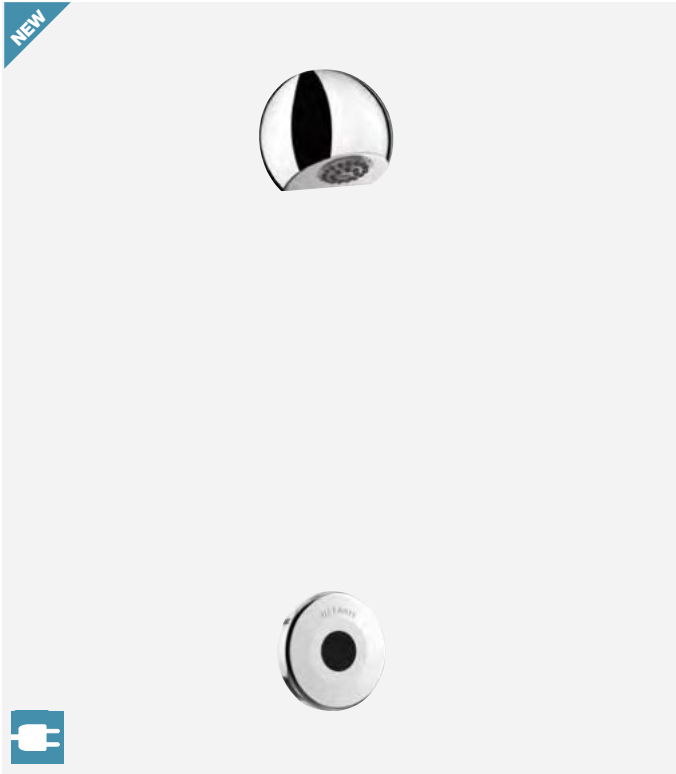
We recommend installing a TMV (see page 143) & floor trap (see page 131)



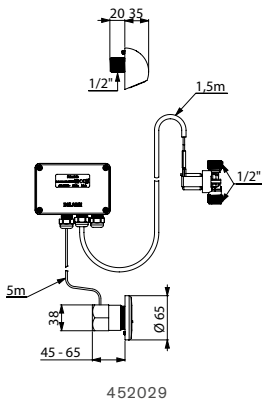
- **Exceptional water savings:** 80%
- **Hygiene:** no manual contact, duty flush reduces bacterial development
- **Comfort:** rain-effect spray
- **Vandal-resistant:** chrome-plated solid metal, recessed or cross wall installation, concealed fixings

TEMPOMATIC

Recessed electronic shower kit



- **TEMPOMATIC electronic shower valve** for mixed water supply.
- Recessed installation.
- Powered by electronic unit with 1/2" solenoid valve.
- 230/12V transformer.
- Voluntary ON/OFF activation by passing hand in front of sensor ~10cm (automatic shut-off after 60 seconds).
- **Duty flush** (~60 seconds every 24 hours after last use).
- **Flow rate 6 lpm** at 3 bar with chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Suitable for people with reduced mobility.
- 30-year warranty.



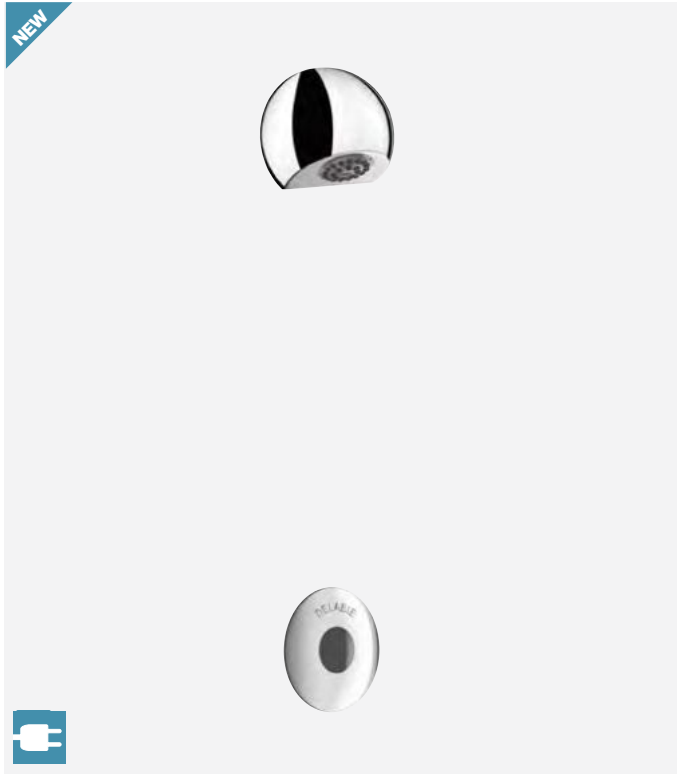
Product currently under development.

TEMPOMATIC recessed shower		
Kit with shower head	452029	£496.35
Valve only without shower head	452020	£449.07

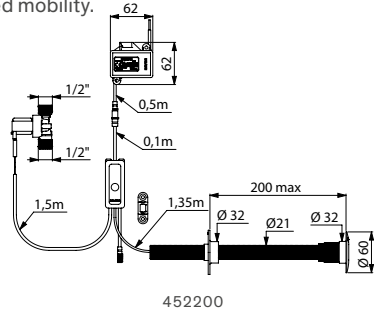
We recommend installing a TMV (see page 143) & floor trap (see page 131)

TEMPOMATIC

Cross wall electronic shower kit



- **TEMPOMATIC electronic shower valve** for mixed water supply.
- For walls ≤ 200mm or for panels ≤ 30mm.
- Powered by electronic unit with 1/2" solenoid valve.
- 230/12V transformer.
- Voluntary ON/OFF activation by passing hand in front of sensor ~10cm (automatic shut-off after 60 seconds).
- **Duty flush** (~60 seconds every 24 hours after last use).
- **Flow rate 6 lpm** at 3 bar with chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Escutcheon flush to wall.
- Threaded rods can be cut to size.
- Suitable for people with reduced mobility.
- 30-year warranty.



Product currently under development.

TEMPOMATIC shower for walls ≤ 200mm		
Kit with shower head	452209	£449.07
Valve only without shower head	452200	£354.53
TEMPOMATIC shower for panels ≤ 30mm		
Kit with shower head	452109	£437.27
Valve only without shower head	452100	£342.72

We recommend installing a TMV (see page 143) & floor trap (see page 131)



HYGIENE AND INFECTION CONTROL

Automatic timed shut-off, with no manual contact

The time flow shower controls shut off automatically once the push-button has been pressed and the valve has opened.

No manual contact after washing prevents the spread of germs by hand.

DESIGN

Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings. In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

Design without constraints

Aesthetic products are subject to less vandalism as they are better respected.

The **smooth shape** of the showers reduces the build-up of dirt and facilitates cleaning. Easy but secure access to control mechanisms provides easy maintenance.

EXCEPTIONAL WATER AND ENERGY SAVINGS: 80%

Exceptional water savings

Compared to conventional showers, DELABIE's time flow shower controls can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

• Automatic shut-off and split delivery

The time flow is automatic and shuts off after approximately 30 seconds of flow.

The time flow controls remove the risk of waste through negligence. The time flow is reduced to the necessary minimum (wetting, rinsing).

• Flow rate 6 lpm

The shower valves are regulated at **6 lpm**.

The flow rate remains constant regardless of pressure variations in the system.

Energy savings

The time flow shower controls operate completely autonomously with no need for an electrical supply. They **do not consume any power at all**.

The significant **hot water savings** provided by DELABIE's shower controls also result in energy savings.

Ecological

DELABIE's shower valves are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

Environmental labels

The water and energy saving performance of DELABIE's shower controls means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

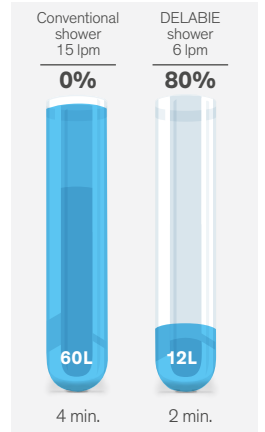
For more information see page 8.



Hygiene and infection control









Optimised time flow



Water savings per use

COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional shower and a DELABIE time flow shower

Flow rate	Wetting	Soaping	Rinsing	Water consumption
15L	 1 min.	 2 min.	 1 min.	60L 4 min.
6L	 2 x 30 sec.		 2 x 30 sec.	12L 2 min.



TECHNICAL SOLUTIONS FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user. DELABIE has developed specific products to respond to a variety of challenges (improving comfort, avoiding waste, user safety, etc.).

Soft technology: soft-touch operation

DELABIE has developed time flow controls with **soft-touch operation**. Soft technology allows all users (children, the elderly or people with reduced mobility) to use the controls with no effort required. **TEMPOSOFT 2**, **SECURITHERM**, **TEMPOMIX** and **TEMPOMIX 3** models are fitted with a priming system that requires half the effort to operate compared to a conventional tap.

Comfort

• Comfortable rain-effect spray

DELABIE's shower systems are equipped with rain-effect shower heads that provide supreme comfort with minimal water consumption: it's now possible to have an ideal shower experience without wasting water!

• Temperature selection

Users choose the temperature themselves using the **TEMPOMIX**, **TEMPOMIX 3** or **SECURITHERM shower controls**.

• Temperature stability

SECURITHERM thermostatic panels provide additional comfort by perfectly regulating water temperature, even in the event of pressure variations.

• Cold shower prevention

SECURITHERM thermostatic technology ensures **automatic shut-off if the hot water fails**.

Anti-scalding failsafe

• Maximum temperature limiter

DELABIE's mixers are delivered with a **pre-set maximum temperature limiter** that can be adjusted during installation.

The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

• Anti-scalding safety

SECURITHERM thermostatic technology ensures that **the hot water shuts off immediately if the cold water fails**.

Waterproof recessing

Some models have a waterproof recessing housing (TEMPOMIX, TEMPOSTOP 2 and SECURITHERM). The TEMPOSOFT 2 features **DELABIE's newest generation of recessing housings**. This housing is **100% waterproof** and can be installed on different fixtures (rails, solid walls, panels) and can be adapted to fit different wall thicknesses from 10 to 120mm. The collar, with integrated seal, ensures a waterproof seal.

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Resistant to intensive use and vandalism

DELABIE's time flow shower controls are specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

The controls are made from chrome-plated solid brass, and fitted with **shock-resistant** mechanisms. The **fixings** are **reinforced**. **Streamlined designs** prevent unwanted removal.

Adaptable installations

The shower controls are available as exposed, recessed or cross wall models for the secure sector for example. These models make access to the mechanisms impossible for the user.

Superior endurance

The time flow mechanisms in DELABIE shower controls are hard-wearing. The hydraulic timing system with a calibrated groove is self-cleaning, which **extends its lifespan** to over **500,000 operations**. There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**. DELABIE's shower controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

Minimal servicing

Shower head nozzles and internal mechanisms are made from **scale-resistant materials** (Hostaform®) and do not require de-scaling. The self-cleaning mechanisms are protected by filters.

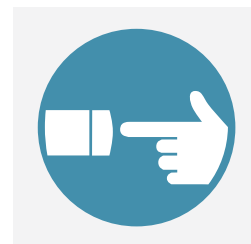
Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff. The whole of the system is integrated within **an interchangeable cartridge which can be accessed from the front, without having to remove the valve**.

30-year warranty against any manufacturing defects.
50 years reparability.

Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Temperature limiter	Can be adjusted
HW supply	55°C max
Time flow	30 seconds



Soft technology:
soft-touch operation



Anti-scalding safety



Rain-effect spray



Vandal-resistant





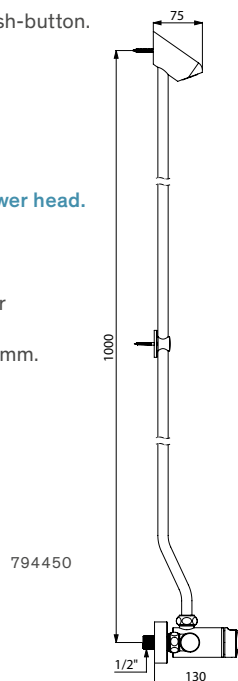
- **Exceptional water savings:** 80%
- **Vandal-resistant:** chrome-plated solid brass, streamlined design
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation

TEMPOMIX 3

Exposed time flow shower kit



- **TEMPOMIX 3 single control mixer 3/4 inch.**
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof **TONIC JET shower head.**
- Chrome-plated brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Reinforced shower column Ø 16mm and collar (mounting bracket and screws included).
- Offset connectors M1/2", for centres 130 - 170mm.
- Suitable for people with reduced mobility.
- 30-year warranty.



TEMPOMIX 3 exposed

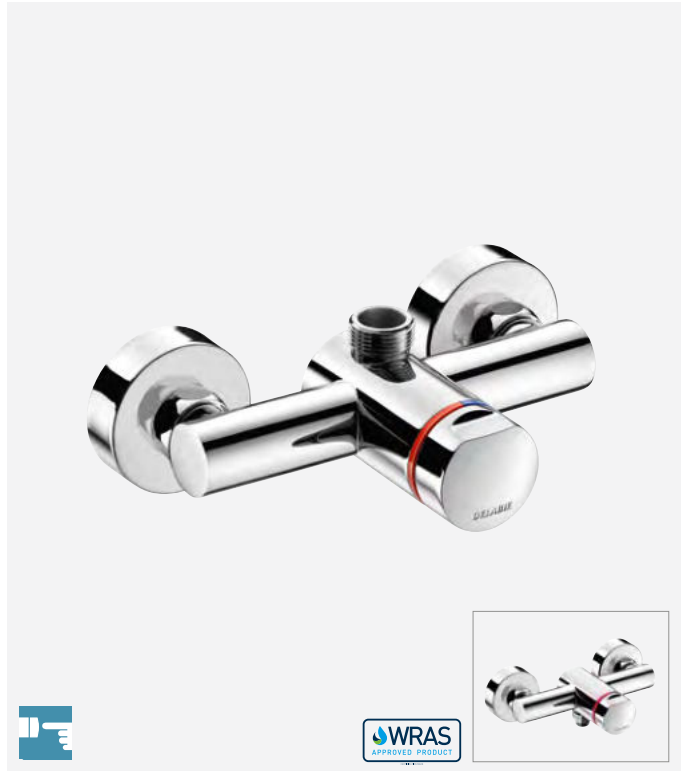
Shower kit	794450	£488.71
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We recommend installing a floor trap (see page 131)

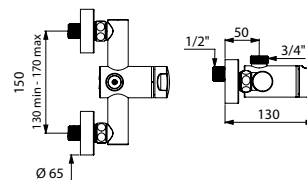
Option: STOP/CHECK connectors (see page 136)

TEMPOMIX 3

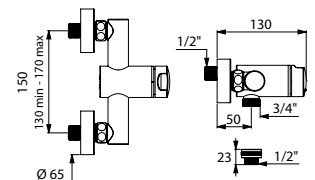
Exposed time flow shower mixer



- **TEMPOMIX 3 single control mixer 3/4 inch.**
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted from 6 - 12 lpm.
- Chrome-plated brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Offset connectors M1/2", for centres 130 - 170mm.
- Suitable for people with reduced mobility.
- 30-year warranty.



794400



794470

TEMPOMIX 3 exposed mixer

Top inlet M3/4"	794400	£310.66
Bottom inlet M3/4" with union M1/2"	794470	£318.07

We recommend installing a floor trap (see page 131)

Options: STOP/CHECK connectors (see page 136) and shower heads (see page 134)



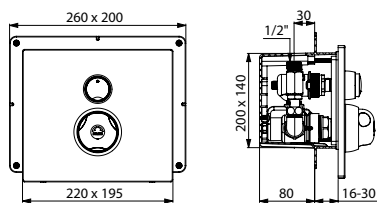
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly via mixer, thermostatic control (SECURITHERM), soft-touch operation, rain-effect spray
- **Anti-scalding safety:** automatic shut-off if cold water fails (SECURITHERM)
- **Easy to install:** adjustable waterproof housing

SECURITHERM

Thermostatic time flow shower kit with waterproof housing



- Tamperproof satin finish stainless steel control plate 195 × 220mm.
- **Waterproof recessed housing.**
- 16 - 30mm allowance for different wall finishes.
- **SECURITHERM thermostatic mixer 3/4".**
- **Anti-scalding safety:** automatic shut-off if cold water fails.
- **Prevents cold showers:** automatic shut-off if hot water fails.
- Adjustable temperature control from 32 - 40°C, pre-set at 38°C.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head.**
- Concealed fixings, stopcocks M1/2".
- Integrated filters and non-return valves.
- Chrome-plated Bayblend® control knob.
- Suitable for people with reduced mobility.
- 30-year warranty.



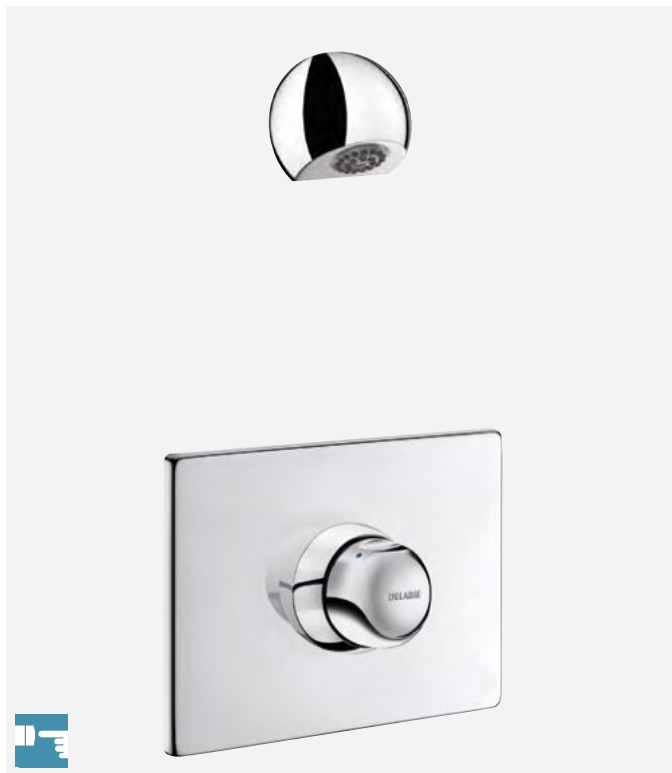
792BOX + 792219

SECURITHERM shower recessed in waterproof housing		
Kit with shower head	792BOX + 792219	£233.41 £652.91
Mixer without shower head	792BOX + 792218	£233.41 £560.54

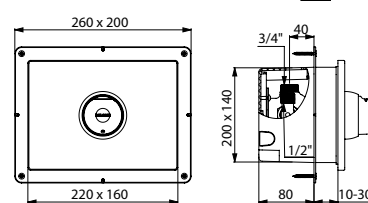
We recommend installing a floor trap (see page 131)

TEMPOMIX

Time flow shower kit with waterproof housing



- Tamperproof bright polished stainless steel control plate 160 × 220mm.
- **Waterproof recessed housing.**
- 10 - 30mm allowance for different wall finishes.
- **TEMPOMIX single control mixer 3/4".**
- **Ligature-resistant collar.**
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Time flow ~30 seconds, soft-touch operation.**
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head.**
- Concealed fixings, stopcocks M1/2".
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- 30-year warranty.



790BOX + 790219

TEMPOMIX shower recessed in waterproof housing		
Kit with shower head	790BOX + 790219	£109.97 £457.21
Mixer without shower head	790BOX + 790218	£109.97 £353.97

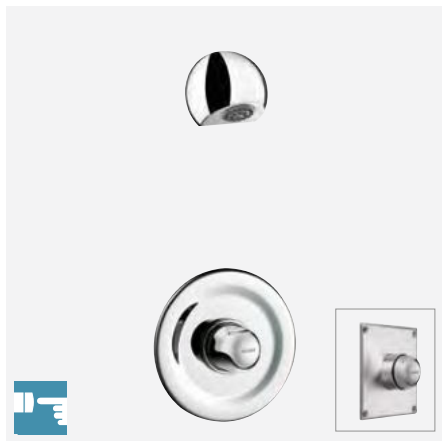
We recommend installing a floor trap (see page 131)



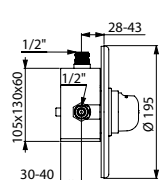
- **Exceptional water savings:** 80%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** chrome-plated ligature-resistant collar, concealed fixings

TEMPOMIX

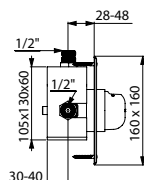
Time flow shower kit



- Chrome-plated metal or stainless steel wall plate.
- **Standard recessed housing.**
- Recessing depth can be adjusted.
- **TEMPOMIX single control mixer 3/4".**
- **Ligature-resistant collar.**
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Time flow ~30 seconds, soft-touch operation.**
- **Flow rate 6 lpm or 12 lpm** at 3 bar, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- M $\frac{1}{2}$ " connections for copper tails.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- 30-year warranty.



790927



790427

TEMPOMIX shower recessed in standard housing

Kit with shower head (flow rate - 6 lpm)

With wall plate Ø 195mm and ROUND shower head	790909	£448.70
With st. steel wall plate 160x160, ROUND shower head	790709	£448.70

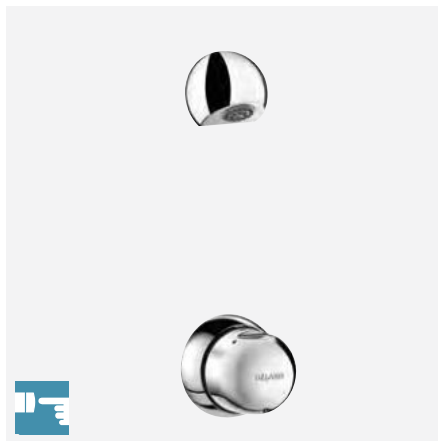
Mixer without shower head (flow rate - 12 lpm adjustable)

With wall plate Ø 195mm	790927	£340.47
With stainless steel wall plate 160 x 160mm	790427	£340.47

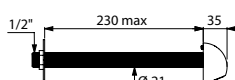
We recommend installing a floor trap (see page 131)

TEMPOMIX

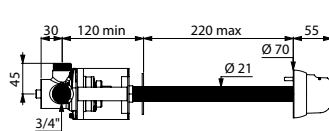
Cross wall time flow shower kit



- **TEMPOMIX 3/4" single control mixer.**
- For walls ≤ 220mm.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Ligature-resistant collar.**
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated brass valve body and shower head.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Threaded rods can be cut to size.
- 30-year warranty.



796209



TEMPOMIX cross wall shower kit

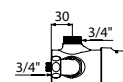
We recommend installing a floor trap (see page 131)
Other cross wall lengths available on request (minimum order of 200 units)

TEMPOMIX

Time flow shower mixer



- **TEMPOMIX 3/4" single control mixer.**
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass body.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Available with or without elbow unions.
- 30-year warranty.



790874



790000

TEMPOMIX exposed mixer

With elbow unions 150mm centres	790874	£334.96
With in-line unions 90mm centres	790000	£266.46
For panels 1 - 10mm	790970	£284.25
Reinforced wall plate Ø 80mm. Recommended for installing on panels or dry walls	824800	£33.21

We recommend installing a floor trap (see page 131)
Option: shower heads (see page 134)



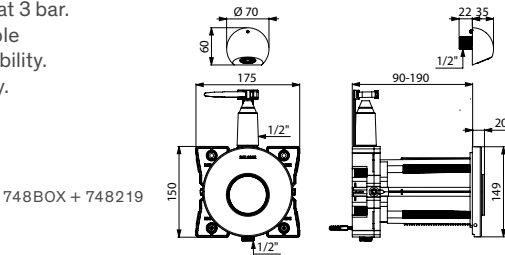
- **Exceptional water savings:** 80%
- **Comfort:** soft-touch operation
- **Easy to install:** adjustable and modular waterproof housing (walls and panels)

TEMPOSOFT 2

Recessed time flow shower kit



- **Tamperproof control plate in chrome-plated metal Ø 149mm.**
- **Waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installations (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, filter, non-return valve and cartridge are all integrated and accessible from the front.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- TEMPOSOFT 2 shower valve M1/2" for mixed water supply.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- Chrome-plated, tamperproof ROUND shower head.
- **Flow rate 6 lpm** at 3 bar.
- Suitable for people with reduced mobility.
- 30-year warranty.



Product currently under development.

TEMPOSOFT 2 shower recessed in waterproof housing		
Shower kit with shower head	748BOX + 748219	£138.56 £322.11
Shower valve without shower head	748BOX + 748218	£138.56 £213.49

We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Option: designer shower heads (see page 132)





- **Exceptional water savings:** 80%
- **Comfort:** soft-touch operation

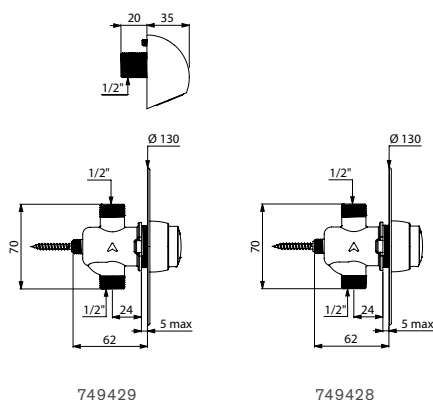
TEMPOSOFT 2

Recessed time flow shower valve



- **TEMPOSOFT 2 M $\frac{1}{2}$ " time flow valve** for mixed water supply.
- For recessed installation.
- Bright polished 304 stainless steel wall plate Ø 130mm.
- Spacing can be adjusted from 1 – 5mm.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 6 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body.
- Suitable for people with reduced mobility.
- 30-year warranty.

This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



TEMPOSOFT 2 recessed shower

Shower kit with ROUND shower head	749429	£249.87
Valve only without head	749428	£127.21

We recommend installing a TMV (see page 143) and a floor trap (see page 131)

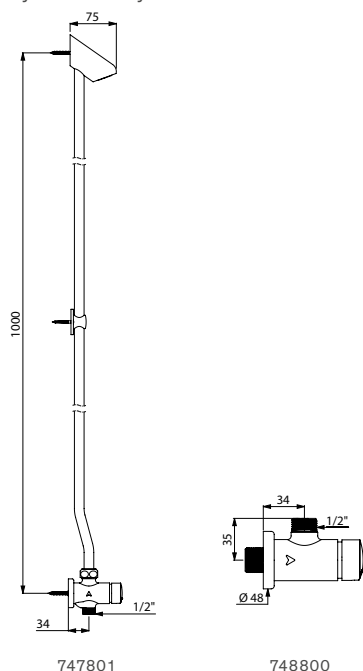
Option: shower heads (see page 134)

TEMPOSOFT 2

Exposed time flow shower valve



- **TEMPOSOFT 2 M $\frac{1}{2}$ " time flow valve** for mixed water supply.
- For wall-mounted exposed installation.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 6 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body.
- Suitable for people with reduced mobility.
- 30-year warranty.



TEMPOSOFT 2 exposed shower

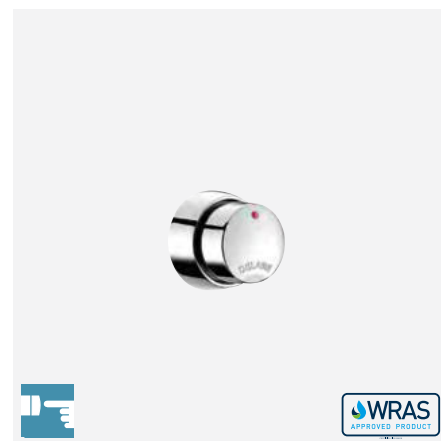
Shower kit with shower rail	747801	£315.44
Straight for in-line inlet	747800	£103.53
Angled for recessed inlet	748800	£91.62

We recommend installing a TMV (see page 143) and a floor trap (see page 131)

Option: shower heads (see page 134)

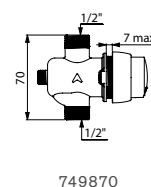
TEMPOSOFT 2

Time flow shower valve for panels



- **TEMPOSOFT 2 M $\frac{1}{2}$ " time flow valve** for mixed water supply.
- **For panels or dry walls 7mm max.**
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 6 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body.
- Suitable for people with reduced mobility.
- 30-year warranty.

This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



TEMPOSOFT 2 valve for panels	749870	£98.02
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We recommend installing a TMV (see page 143) and a floor trap (see page 131)

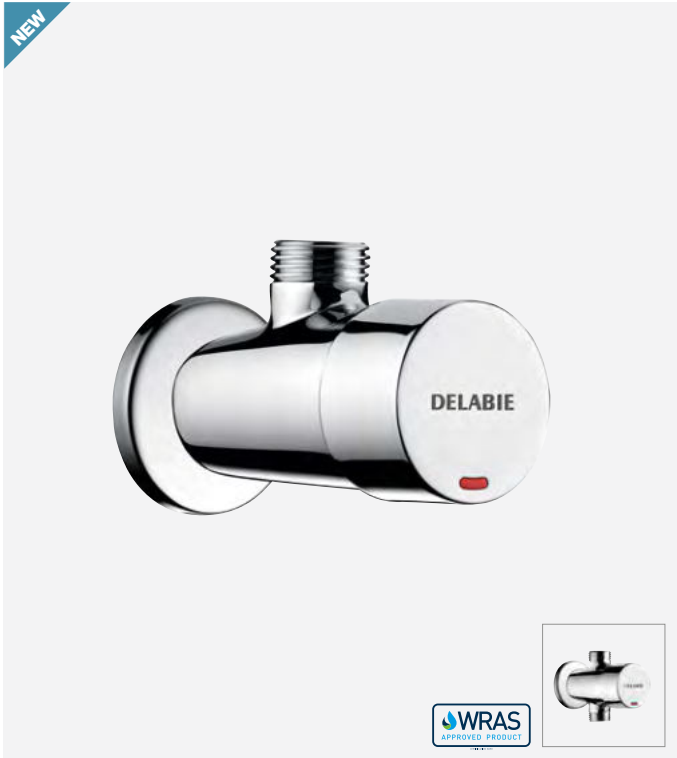
Option: shower heads (see page 134)



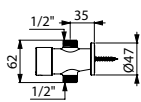
- **Exceptional water savings**
- **Vandal-resistant:** chrome-plated solid brass

TEMPOSTOP 3

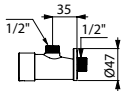
Exposed time flow shower valve M1½"



- **TEMPOSTOP 3 M1½" time flow shower valve** for mixed water supply.
- Exposed wall-mounted installation.
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 9 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body.
- Chrome-plated metal push-button.
- 30-year warranty.



703500



703580

Product currently under development.

TEMPOSTOP 3 M1½" exposed shower valve		
Straight for in-line inlet	703500	£77.14
Elbow for recessed inlet	703580	£85.76

We recommend installing a TMV (see page 143) & floor trap (see page 131)
Option: shower heads (see page 134)





- **Exceptional water savings**
- **Vandal-resistant:** chrome-plated solid brass, recessed installation

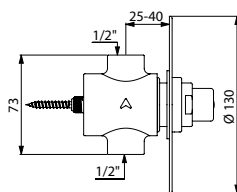
TEMPOSTOP

Recessed time flow shower valve



- **TEMPOSTOP F1/2" time flow shower valve** for mixed water supply.
- For recessed installation.
- Stainless steel wall plate Ø 130mm.
- Recessing depth between 25 - 40mm.
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body and push-button.
- 30-year warranty.

*This model does not have a waterproof recessing housing.
The installer must ensure that the recessing area is waterproof
and any leaks or condensation can drain away (see installation guide).*



749128

TEMPOSTOP recessed valve with wall plate	749128	£160.63
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We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Option: shower heads (see page 134)

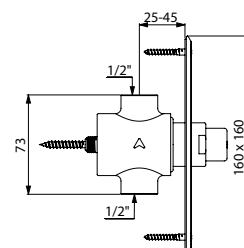
TEMPOSTOP

Recessed time flow shower valve



- **TEMPOSTOP F1/2" time flow shower valve** for mixed water supply.
- For recessed installation.
- Satin finish stainless steel control plate 160 × 160mm.
- Recessing depth between 25 - 45mm.
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body and push-button.
- 30-year warranty.

*This model does not have a waterproof recessing housing.
The installer must ensure that the recessing area is waterproof
and any leaks or condensation can drain away (see installation guide).*



749628

TEMPOSTOP recessed valve with wall plate	749628	£160.63
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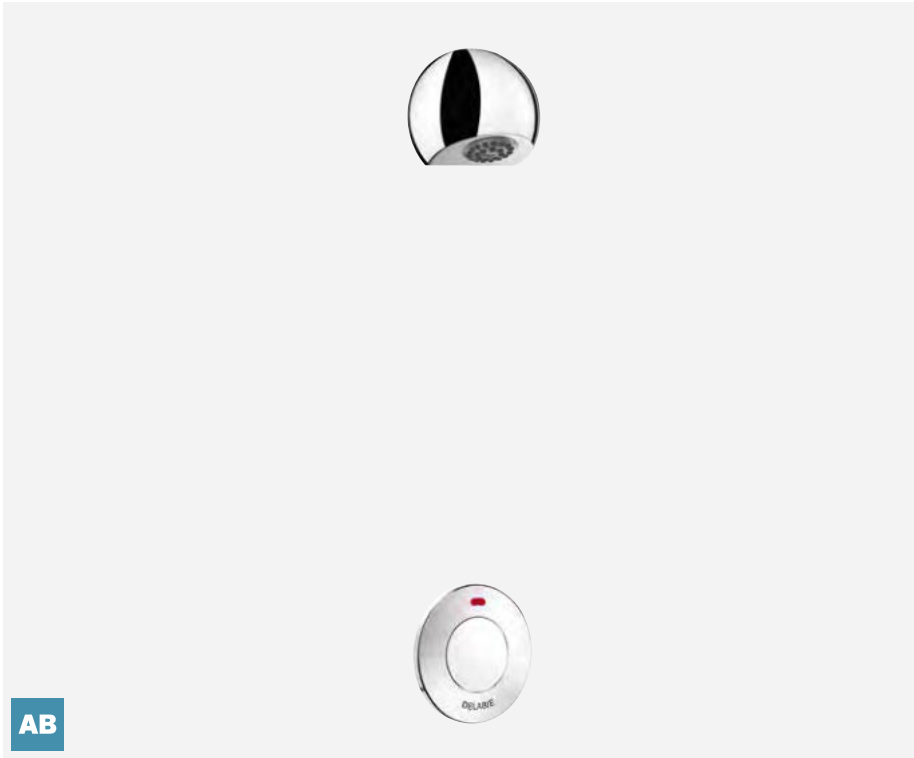
We recommend installing a TMV (see page 143) and a floor trap (see page 131)
Options: shower heads (see page 134) and tamperproof screws (see page 273)



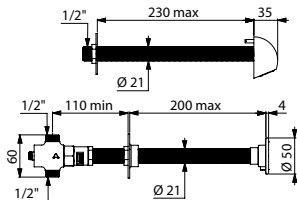
- **Exceptional water savings**
- **Vandal-resistant:** chrome-plated metal, recessed or cross wall installation

TEMPOSTOP

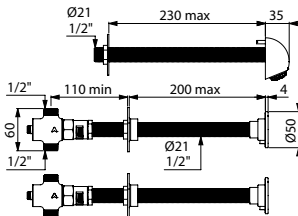
Cross wall time flow shower kit



- **TEMPOSTOP M½" time flow valve** for mixed water supply.
- For cross wall installation.
- **Time flow ~15 or 30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated metal control.
- Concealed fixings and anti-rotating nut.
- Threaded rods can be cut to size.
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- 30-year warranty.



747110



747210

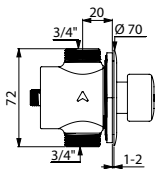
TEMPOSTOP cross wall shower kit		
For walls ≤ 200mm, AB anti-blocking system, ~15 seconds - single control	747110	£284.38
For walls ≤ 200mm, ~30 seconds - single control	749110	£284.38
For walls ≤ 200 mm, AB anti-blocking system, ~15 seconds - dual control	747210	£413.63
Back-nut with 3 screws (reinforced clamp behind wall)	826315	£10.78
We recommend installing a TMV (see page 143) and a floor trap (see page 131)		

TEMPOSTOP

Time flow valve for panels



- **TEMPOSTOP M¾" time flow valve** for mixed water supply.
- For panel mounting 2mm max.
- Chrome-plated metal wall plate Ø 70mm.
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body and push-button.
- Rear locking ring.
- 30-year warranty.



749770

TEMPOSTOP valve for panels	749770	£132.34
We recommend installing a TMV (see page 143) and a floor trap (see page 131) Option: shower heads (see page 134)		



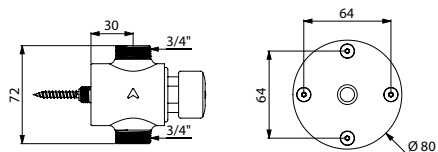
- **Exceptional water savings**
- **Vandal-resistant:** chrome-plated brass

TEMPOSTOP

Exposed time flow valve M $\frac{3}{4}$ "



- **TEMPOSTOP M $\frac{3}{4}$ " time flow valve** for in-line mixed water supply.
- For wall-mounted, exposed installation.
- **Time flow ~30 seconds.**
- **Flow rate 12 or 75 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body and push-button.
- 30-year warranty.



749000

824800

TEMPOSTOP exposed valve M $\frac{3}{4}$ "

12 lpm with flow rate adjustment	749700	£125.91
12 lpm with flow rate adjustment - M $\frac{3}{4}$ " - M $\frac{1}{2}$ " Ø 15mm compression	749721	£148.10
75 lpm without flow rate adjustment. <i>Recommended for low pressure environments</i>	749000	£114.59
Reinforced wall plate Ø 80mm. <i>Recommended for installing on panels or dry walls</i>	824800	£33.21

We recommend installing a TMV (see page 143) and a floor trap (see page 131)

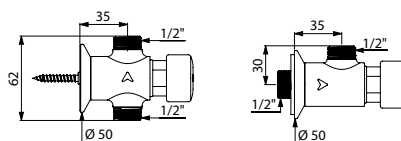
Option: shower heads (see page 134)

TEMPOSTOP

Exposed time flow valve M $\frac{1}{2}$ "



- **TEMPOSTOP M $\frac{1}{2}$ " time flow valve** for mixed water supply.
- For wall-mounted, exposed installation.
- **Time flow ~15 seconds.**
- **Flow rate pre-set at 9 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body and push-button.
- 30-year warranty.



747000

748000

TEMPOSTOP exposed valve M $\frac{1}{2}$ "

Straight for in-line inlets, M $\frac{1}{2}$ " (~15 seconds)	747000	£74.80
Angled for recessed inlets, M $\frac{1}{2}$ " (~15 seconds)	748000	£85.76

We recommend installing a TMV (see page 143) and a floor trap (see page 131)

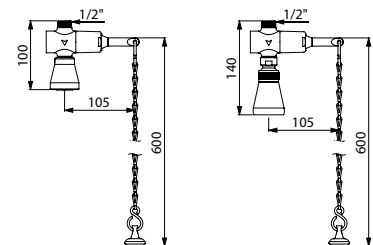
Option: shower heads (see page 134)

TEMPOSTOP

Chain-pull time flow shower kit



- **TEMPOSTOP M $\frac{1}{2}$ " time flow valve** for mixed water supply from above.
- Ceiling-mounted.
- **Time flow ~15 seconds.**
- **Flow rate 6 or 9 lpm** at 3 bar, can be adjusted.
- Chrome-plated brass body.
- Lever and chain fitted with handle.
- With fixed GYM shower head or adjustable GYM COMFORT shower head (see pages 134 and 135).
- 30-year warranty.



747006

747004

Chain-pull TEMPOSTOP shower kit

With fixed tamperproof GYM shower head 6 lpm	747006	£186.64
With adjustable GYM COMFORT shower head	747004	£191.42

We recommend installing a TMV (see page 143) and a floor trap (see page 131)





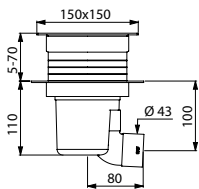
- **Easy to install:** trap suitable for different floor types (soft or hard)
- **Vandal-resistant:** tamperproof stainless steel grid and screw fixings

Adjustable height floor trap

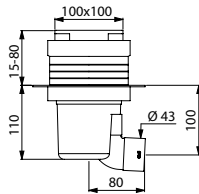
For tiled, concrete and vinyl floors



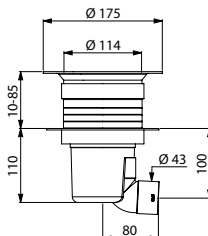
- **Flow rate 36 lpm (meets standards).**
- **Water level 50mm.**
- **Bright polished stainless steel grid.**
- **Horizontal outlet Ø 43mm** integrated into the height of the floor trap (saves height and space in all dimensions).
- Integrated waterproof plate to seal waterproof membrane.
- Withstands high temperatures: 60°C continuous, 85°C peak.
- Plunger with handle: easy to grip and easy to clean.
- Smooth PVC body (prevents build-up of impurities).
- Classified non-flammable (American certification UL94).
- **Height adjusts** with extension.
- Grid fixed by 2 stainless steel screws.
- For hard floors (tiled or concrete) or soft floors (vinyl).
- 30-year warranty.



683001UK



682001UK



683002UK

Floor trap for tiled or concrete floors

150 x150mm, adjustable height up to 70mm	683001UK	£91.78
100 x100mm, adjustable height up to 80mm	682001UK	£67.69

Floor trap for soft or vinyl floors

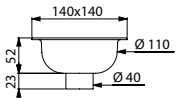
Ø 114mm, adjustable height up to 85mm	683002UK	£67.69
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Floor trap

For tiled or concrete floors



- **Flow rate 18 lpm.**
- **Water level 18mm.**
- Brass body 140 × 140mm.
- Bright polished stainless steel grid fixed by a stainless steel screw.
- PVC bell.
- **Vertical outlet Ø 40mm** (provide elbow for horizontal outlet).
- For hard floors (tiled or concrete).
- 30-year warranty.



684000

Floor trap 140 x140mm	684000	£81.08
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DELABIE / RAINY rain-effect shower heads



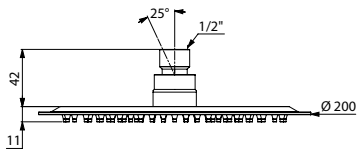
- **Exceptional water savings:** 80%
- **Comfort:** rain-effect flow engulfs user, effective and comfortable shower
- **Design:** sleek and timeless design for spas, leisure centres, gyms, hotels, swimming pools etc.



RAINY
Rain-effect shower head



- Shower head.
- **Flow rate 6 lpm** at 3 bar.
- A higher flow rate can be achieved (remove flow rate regulator).
- Scale-resistant head with nozzles.
- **Soft rain-effect flow engulfs user.**
- Chrome-plated metal.
- Inlet M1/2".
- Available for wall or ceiling-mounted installation.
- 30-year warranty.

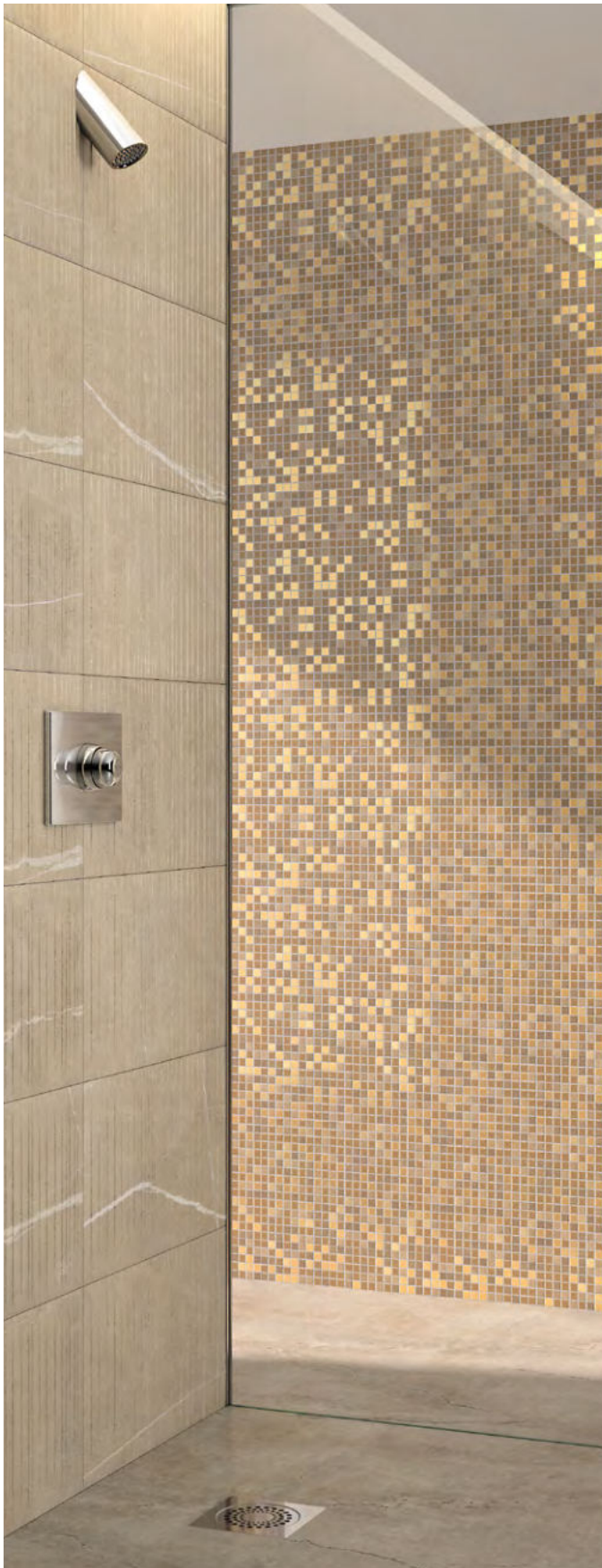


708040

RAINY large shower head		
Shower head	708040	£130.94
Horizontal shower arm 1/2"	710040	£34.19
Vertical shower arm 1/2"	710050	£27.32

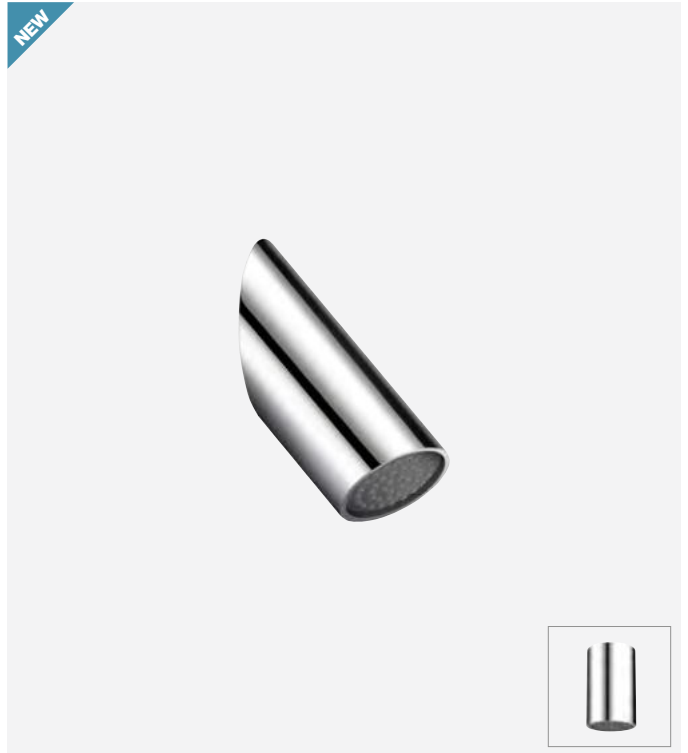


- **Exceptional water savings:** 80%
- **Comfort:** rain-effect flow engulfs user, effective and comfortable shower
- **Easy to install:** the shower head clips onto the connection installed in the wall
- **Design:** sleek and timeless design for spas, leisure centres, gyms, hotels, swimming pools etc.

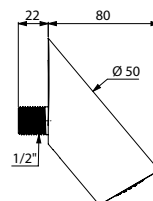


RAINY

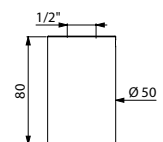
Rain-effect shower head



- Fixed shower head.
- **Flow rate 6 lpm** at 3 bar.
- A higher flow rate can be achieved (remove flow rate regulator).
- Scale-resistant head with nozzles, ligature-resistant.
- **Soft rain-effect flow engulfs user.**
- Chrome-plated metal.
- **Easy installation system:** install the connection in the wall and then clip the shower head to it.
- Inlet M $\frac{1}{2}$ ".
- Recessed version is available, for panels, ceiling-mounted or cross wall (cut-to-size threaded rod).
- 30-year warranty.



708000



708030

RAINY shower head

For recessed water inlet	708000	£95.71
For panels ≤ 15mm	708010	£95.71
Wall-hung	708030	£95.71
For partitions ≤ 230mm	708200	£116.21

DELABIE / Shower heads



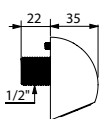
- **Exceptional water savings:** 80%
- **Comfort:** efficient and comfortable coverage
- **Vandal-resistant:** tamperproof, chrome-plated solid brass, recessed or cross wall versions, ligature-resistant nozzle

ROUND

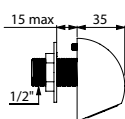
Rain-effect shower head



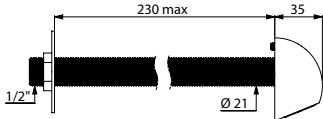
- Fixed shower head.
- **Flow rate 6 lpm** at 3 bar, comfortable rain-effect spray.
- **Automatic flow rate regulation.**
- **Ligature-resistant** shower head.
- Chrome-plated brass.
- Fixed with concealed blocking screw.
- Inlet M 1/2".
- Available for recessed, panels, columns or cross wall versions (threaded rod can be cut to size).
- 30-year warranty.



709000



709010



709200

ROUND shower head		
For recessed inlets	709000	£120.84
For panels ≤ 15mm	709010	£121.57
For walls ≤ 230mm	709200	£150.91

Other cross wall lengths are available on request

TONIC JET

Rain-effect shower head

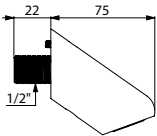


GYM

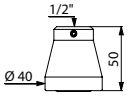
Rain-effect shower head



- Ceiling-mounted shower head. Inlet F 1/2".



712000



716000

TONIC JET shower head		
For recessed inlets	712000	£120.84
For panels ≤ 10mm	712010	£121.47
For column set F 3/4" and collar (mounting bracket and screws supplied)	712020	£216.64
GYM shower head	716000	£63.64

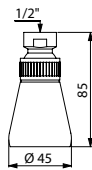
Other cross wall lengths are available on request

GYM COMFORT

Shower head



- Adjustable shower head.
- Scale-resistant.
- 30 lpm at 3 bar without flow rate limiter.
- 30-year warranty.



711000

GYM COMFORT shower head

F 1/2", Ø 45mm	711000	£64.56
EXTRA F 1/2", Ø 68mm	711002	£85.98

Chrome-plated brass shower arm, MM 1/2"

L. 95mm	710000	£49.37
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Flow rate limiters, FM 1/2"

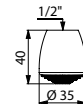
5 - 6 lpm (5 per pack)	927005.5P	£73.91
10 lpm (5 per pack)	927015.5P	£73.91

Ceiling-mounted

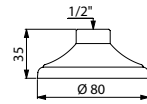
Shower head



- Ceiling-mounted and tamperproof shower head.
- 30-year warranty.



88CH5



715000

Ceiling-mounted shower head

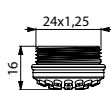
With 5 rings, chrome-plated brass	88CH5	£39.76
Chrome-plated, large rim Ø 80mm	715000	£24.61

Comfort shower nozzle

Rain-effect spray



- Comfort nozzle with rain-effect spray.
- For ROUND, TONIC JET and GYM shower heads.
- Compatible with the SPORTING 2 range.
- 30-year warranty.

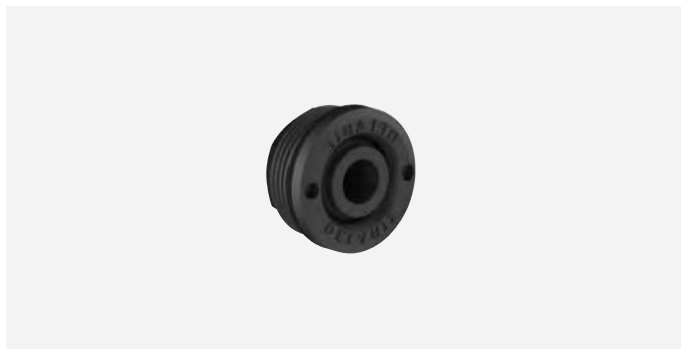


DP

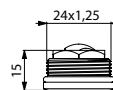


Scale-resistant shower nozzle

Conical spray



- Scale-resistant nozzle with conical spray.
- For ROUND, TONIC JET and GYM shower heads.
- Compatible with the SPORTING 2 range.
- 30-year warranty.



714BE

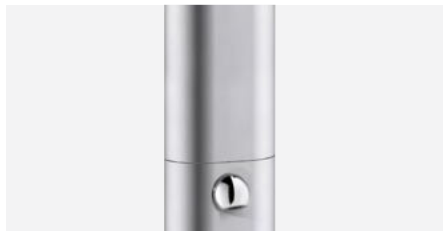


Rain-effect comfort shower nozzle	DP	£20.65
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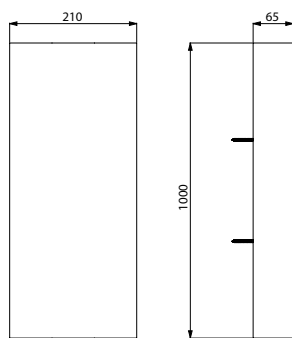
Scale-resistant nozzle with conical spray	714BE	£13.76
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Cut-to-size extension

For aluminium shower panels



- For aluminium shower panels.
- Protects pipework from the top of the panel to the ceiling.
- L. 210mm, H. 1000mm.
- Cut-to-size extension.
- Anodised aluminium.
- 30-year warranty.



790152

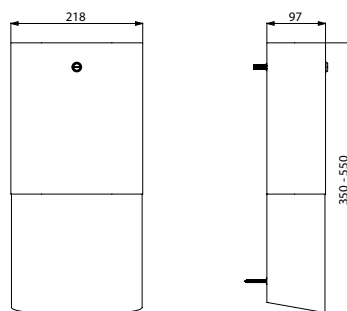
Aluminium extension	790152	£210.84
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Telescopic extension

For satin st. steel shower panels



- For satin stainless steel shower panels.
- Protects pipework from the top of the panel to the ceiling.
- L. 218mm.
- Height can be adjusted from 350 - 550mm.
- Satin stainless steel finish.
- 30-year warranty.



790153

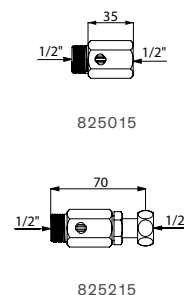
Satin steel extension	790153	£375.25
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In-line STOP union

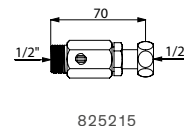
With stopcock



- Integrated stopcock.
- Nickel-plated brass.
- MF1/2".
- 30-year warranty.



825015

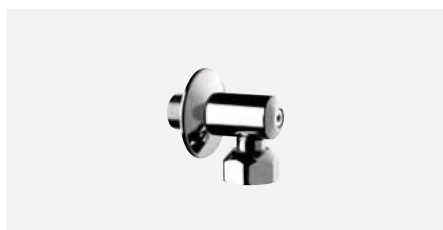


825215

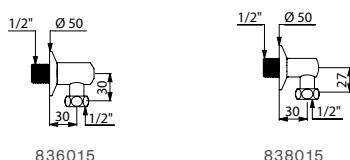
In-line STOP union		
Without nut	825015	£16.06
With retractable nut	825215	£36.71

Elbow union

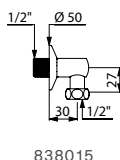
With or without stopcock



- With or without integrated stopcock.
- With retractable nut.
- Chrome-plated brass.
- 30-year warranty.



836015

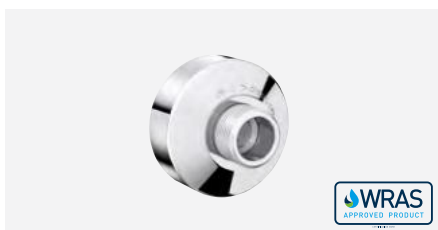


838015

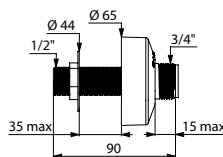
STOP elbow union with stopcock		
MF1/2", L. 30mm, H. 30mm	836015	£51.63
M1/2" - F3/4", L. 30mm, H. 30mm ±2mm	836020	£49.96
MF1/2", L. 20mm, H. 30mm	836215	£51.63
Elbow union without stopcock L. 30 mm		
MF1/2", H. 27mm	838015	£37.86
M1/2" - F3/4", H. 29mm	838020	£40.15
FF3/4", H. 20mm with captive nuts (2 pieces)	874220.2P	£74.57

In-line connector

With STOP/CHECK



- Chrome-plated brass connector.
- M1/2" - M3/4".
- Escutcheon Ø 65mm.
- In-line for cross wall installation.
- STOP function: integrated stopcock.
- CHECK function: checks if non-return valves are watertight where fitted to mixers (DELABIE patented).
- Supplied in packs of 2.
- 30-year warranty.



855755UK.2P

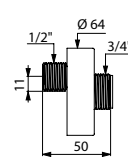
Wall connector with STOP/CHECK	855755UK.2P	£72.28
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Offset connector

Standard



- Offset standard connector 11mm.
- M1/2" - M3/4".
- Escutcheon Ø 64mm.
- L. 50mm.
- Chrome-plated brass.
- Supplied in packs of 2.
- 30-year warranty.



856794.2P

Offset standard connectors	856794.2P	£33.37
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Soap dish

Wall-mounted



- Concealed fixings.
- Support fixed to wall by 4 screws.
- Chrome-plated Bayblend®.
- Matte or bright finish.
- 30-year warranty.



710500

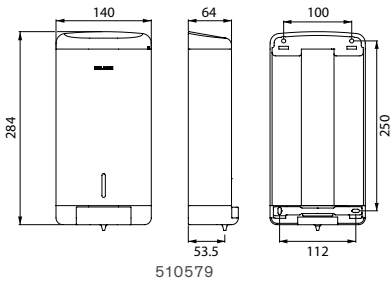
Wall-mounted soap dish		
Matte finish	710500	£44.65
Bright finish	710501	£44.65

Soap dispenser

Designed for showers



- Waterproof, tamperproof model.
- No-waste, non-drip pump dispenser.
- Anodised aluminium cover.
- Ergonomic anti-blocking push-button.
- Capacity: 1 litre.
- 30-year warranty.



510579

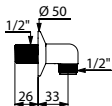
Wall-mounted	510579	£106.49
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Wall-mounted elbow outlet

For flexible shower hoses



- Wall-mounted elbow outlet for flexible shower hoses.
- Chrome-plated solid brass.
- MM1/2".
- 30-year warranty.



868121

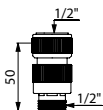
Wall-mounted elbow outlet	868121	£45.12
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Push-fit rapid STOP connector

For shower panels



- Push-fit rapid STOP connector.
- Connects flexible hose to shower panel.
- 30-year warranty.



807792

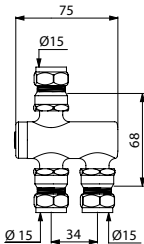
STOP connector	807792	£74.92
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PREMIX NANO

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 34 - 60°C.
- To be placed upstream of the shower.
- Anti-scalding failsafe.
- Filters and non-return valves.
- Thermal shocks are possible.
- Supplies one shower.
- 30-year warranty.



732116

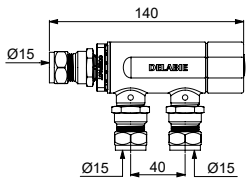
PREMIX NANO		
Nickel, M1/2" Ø 15mm	732115	£92.09
Nickel, F1/2" Ø 15mm	732115MEC	£112.19
Polished, M1/2" Ø 15mm	732116	£108.39

PREMIX COMPACT

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 30 - 60°C.
- To be placed upstream of the shower.
- Anti-scalding safety.
- Filters and non-return valves.
- Thermal shocks are possible.
- Supplies 1 - 5 showers.
- 30-year warranty.



733115

PREMIX COMPACT		
M1/2" Ø 15mm	733115	£117.97
M3/4" Ø 15mm	733116	£117.97



MANAGING WATERBORNE HEALTH RISKS

Water, essential for hygiene, can also be a source of infection if its quality is not controlled. The proliferation of bacteria (*Legionella*, *Pseudomonas aeruginosa*, etc.) in the water supply or in mixers and taps may cause serious infections, especially for vulnerable people.

Water systems in all buildings open to the public should be monitored for *Legionella* i.e. swimming pools, leisure centres, hotels and holiday accommodation, campsites, medical social care and social care establishments, spaces for disabled people, prisons, etc.

This applies in all circumstances where the Health and Safety at Work Act 1974 - which imposes the monitoring of the bacteriological quality of water in sanitary installations - applies. The prevention of health risks associated with pathogenic bacteria in water systems should be a constant concern for public buildings.

The BIOFIL range of point-of-use filters is a preventative or curative solution to secure the water quality at the point-of-use and protect the health of the user.

AREAS OF USE

Anti-*Legionella* and all-germ filters

Non-sterile BIOFIL filters are **CE marked class I Medical Devices**. Sterile BIOFIL filters are **CE marked class Is Medical Devices**.

In public and commercial places, they **protect users from the risk of *Legionella* and provide immediate compliance with standard regulations**. They are suitable for all types of buildings open to the public for the following usage: body hygiene, hand-washing and balneotherapy.

BIOFIL filters can be installed on the compromised point-of-use (basin or shower). They filter water directly at the point-of-use ensuring the water is free from bacteria.

CHEMICAL-FREE

No chemicals are used in the making of our filters.

THE INSTANT BIOFIL SOLUTION

Mixer or tap can be used immediately after installation of the filter.

BIOFIL FILTERS PERFORMANCE

Hollow fibre filter

Each BIOFIL filter incorporates a hollow fibre membrane with a water filtration threshold of 0.1 micron absolute-rated. They **deliver water free from microorganisms** (bacteria, protozoa, fungi, particles in water systems...) without changing its chemical composition.

They provide total protection against waterborne infection.

Larger filtration area than flat membrane

The filtration area is substantially larger in BIOFIL filters with hollow fibre membranes than it is in flat membranes. This large filtration area allows a **larger volume of water to be filtered**. Consequently the storage capacity for bacteria and impurities trapped inside the filter is much greater.

Reduced risk of premature clogging

Articles in suspension stay on the surface of the hollow fibre membrane which delays clogging. The large capacity of the storage area means that the membrane's lifespan is longer.

Extremely compact filters

Unlike other point-of-use filters on the market, BIOFIL filters are smaller due to the compact nature of the fibre. They are suitable for most water controls on the market.

MANUFACTURING PROCESS IS MONITORED CONSTANTLY

100% quality controlled

The fibre quality and porosity of the finished product are continuously monitored during the manufacturing process for 100% of the fibres.

COMPONENT DISPOSAL STRATEGY

BIOFIL filters are classified as household waste. The outer packaging is made from recycled cardboard which is also fully recyclable.



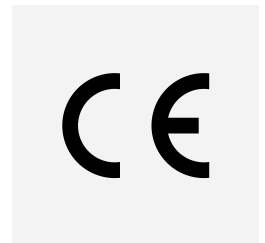
Bacteriologically controlled water



Section of the BIOFIL tap filter



Tilted to optimise the position of the tap filter



CE marked class I Medical Devices for non-sterile filters
CE marked class Is Medical Devices for sterile filters



ROUND shower head fitted with BIOFIL cartridge



BIOFIL shower filter



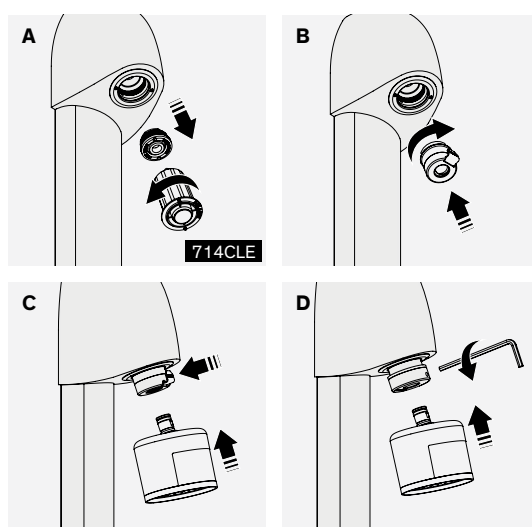
Maximum lifespan

QUICK AND EASY TO INSTALL

BIOFIL cartridges and shower heads are simple to connect to the outlet requiring treatment without the need for tools. The water supply does not need to be shut off. Push-fit connectors allow filters to be fitted to all water control outlets and shower hoses. A screw-in version, which can be installed on the flexible hose in a matter of seconds, without a connector, is also available.

To install a cartridge on a SPORTING shower panel or on a DELABIE shower head: replace the nozzle **A** with the connector **B**:

- Standard connector version see **C**.
- Vandal-resistant connector version see **D**.



RESISTANT TO WATER SYSTEM TREATMENTS

BIOFIL filters will withstand thermal and chemical shocks.

During chemical or thermal shocks, impurities are trapped in the filter and reduce its lifespan. DELABIE **therefore recommends changing the filter after any treatment.**

Resistance to thermal shocks:

Temperatures of 70°C for a cumulative period of 30 minutes during its lifetime.

Resistance to chemical shocks:

Chlorine levels for 2-month filters: 2 hours at 100ppm; 3-month filters: 3 hours at 100ppm; 4-month filters: 4 hours at 100ppm.

LIFESPAN

BIOFIL anti-Legionella and all-germ filters can be used for up to 4 months after initial installation (depending on the model installed).

After the time period marked on the filter (2, 3 or 4 months), DELABIE recommends changing the filter to avoid any risk of retro-contamination from the bacteria concentrated in the filter especially in at-risk areas.

Note: The amount of impurities in the water will vary between water systems. Filters will therefore become clogged at different rates.

If the filter becomes clogged prematurely, it is necessary to change it. We recommend pre-filtration upstream at different levels in the system to filter out sand and scale, etc.

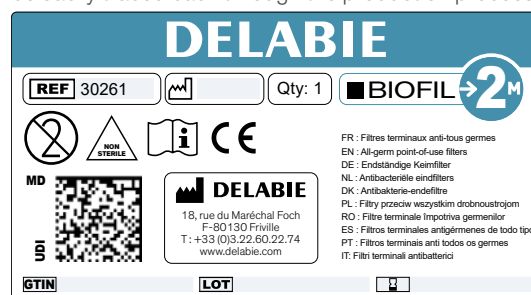
Bacterial proliferation is significantly reduced in an installation where the water is pre-filtered, and the lifespan of all equipment is greatly increased.

OPTIMISED TRACEABILITY

To control the health risks associated with water, the whole process from the manufacture of the medical device components to the use of the finished product must be completely traceable.

Individual packet label

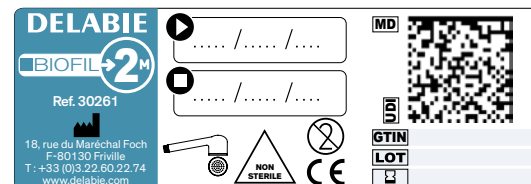
All BIOFIL filters have a unique batch number which can be easily traced back through the production process.



Double labelling on the filter

Filters are supplied with 2 waterproof labels which identify the product and ensure traceability when the filter is changed.

One is positioned on the product itself, the other can be removed and transferred to the record log, ensuring traceability.



For more information on the BIOFIL point-of-use filters range see the catalogue "Water Controls for Healthcare Facilities and Retirement Homes" (Doc 900UK).



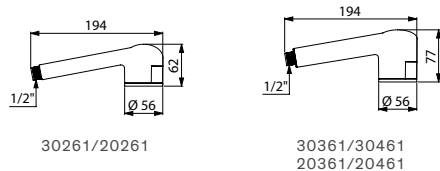
- **BIOSAFE:** immediate protection against waterborne nosocomial infections (*Legionella* spp., *Pseudomonas aeruginosa*...)
- **Quick and easy to install:** connect without tools or shutting off the water supply, filters suitable for all types of water controls
- **Filtration area:** larger than flat membrane
- **Space-saving:** suitable for taps with low drop heights

BIOFIL shower filter

Anti-legionella and all-germ



- Single use shower filter with **0.1µm nominal-rated** sterilising grade.
 - **Quick to install:** screws on to all standard shower hoses.
 - Hydrophilic polyethylene hollow fibres.
 - Maximum lifespan: **2, 3 or 4 months**.
 - Filtration flow rate: 11.2 - 11.8 lpm* at 3 bar depending on the model (filter only, excludes any flow rate restrictor/regulator in the shower).
 - Compatible with and resistant to chemical and thermal shocks.
 - **Non-sterile filter:** CE Class I medical device.
 - **Lightweight handset:**
 - 2-month version: empty filter: 105g; filter filled with water: 186g.
 - 3 & 4-month versions: empty filter: 133g; filled with water 253g.
- *Average flow rate during the product lifespan.

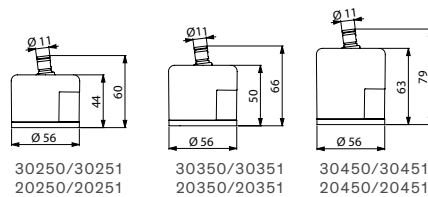


BIOFIL wall shower filter

Anti-legionella and all-germ



- Single use shower filter with **0.1µm nominal-rated** sterilising grade.
 - Hydrophilic polyethylene hollow fibres.
 - Maximum lifespan: **2, 3 or 4 months**.
 - **Space-saving,** suitable for taps with low drop heights.
 - Filtration flow rate: 5.5 lpm* at 3 bar for 2-month versions; 7.6 lpm* at 3 bar for 3 and 4-month versions (filter only, excludes any flow rate restrictor).
 - Careful management of retro-contamination: **protective skirt and tilted connector.**
 - Compatible with and resistant to chemical and thermal shocks.
 - **Non-sterile filter:** CE Class I medical device.
- *Average flow rate during the product lifespan.



BIOFIL tap or wall shower filter *

Non-sterile

2-month shower spray	30250	£78.62
2-month laminar flow	30251	£78.62
3-month shower spray	30350	£101.67
3-month laminar flow	30351	£101.67
4-month shower spray	30450	£112.31
4-month laminar flow	30451	£112.31

Sterile

2-month shower spray	20250	£87.45
2-month laminar flow	20251	£87.45
3-month shower spray	20350	£105.93
3-month laminar flow	20351	£105.93
4-month shower spray	20450	£116.59
4-month laminar flow	20451	£116.59

BIOFIL shower filter *

Non sterile

2-month lifespan	30261	£86.01
3-month lifespan	30361	£103.09
4-month lifespan	30461	£113.75

Sterile

2-month lifespan	20261	£98.11
3-month lifespan	20361	£109.50
4-month lifespan	20461	£120.13

*Reference applies to a single unit. Can only be ordered in multiples of 10 (packaged in boxes of 10).

*Reference applies to a single unit. Can only be ordered in multiples of 10 (packaged in boxes of 10).

Additional fittings



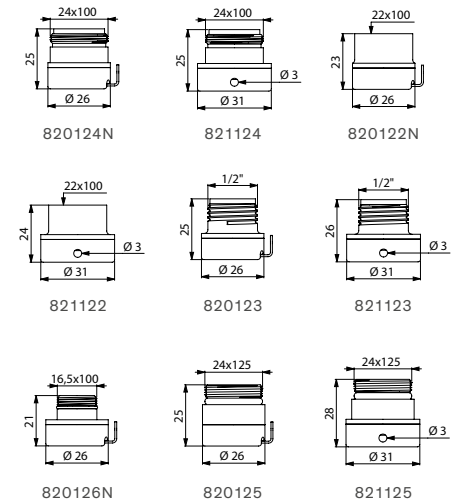
Push-fit connector

- Simple to connect to the point-of-use requiring treatment, no tools required.
- Standard or vandal-resistant versions available.



Vandal-resistant version:

Tamperproof connector prevents vandalism and unauthorised removal of filter.



Push-fit connector for tap filter

M24x100	820124N	£42.64
M24x100, vandal-resistant	821124	£49.77
F22x100	820122N	£42.64
F22x 100, vandal-resistant	821122	£49.77
M1/2"	820123	£42.64
M1/2", vandal-resistant	821123	£49.77
M16,5x100	820126N	£42.64

Push-fit connector for wall shower filters

M24x125	820125	£42.64
M24x125, vandal-resistant	821125	£49.77

These connectors are suitable for use with the new range of filters shown opposite.



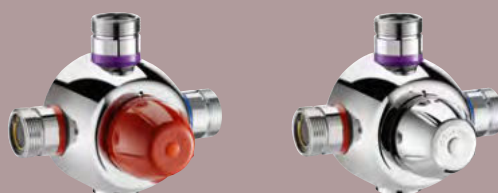
Thermostatic mixing valves

SOLUTIONS
FOR THERMOSTATIC
MIXING VALVES

144

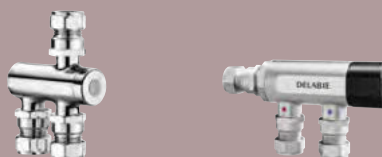
GROUP
THERMOSTATIC
MIXING VALVES

150



THERMOSTATIC
MIXING VALVES

155



ABOUT LEGIONNAIRES' DISEASE

What is Legionnaires' disease?

It is a serious **respiratory infection** caused by a bacterium: Legionella. The illness which follows, Legionnaires' disease, is fatal in 15-20% of cases.

Legionella is a **system bacterium which develops in warm water in pipework or cisterns**. It only becomes dangerous when inhaled when it may spread into the lungs and rapidly develop in white blood cells.

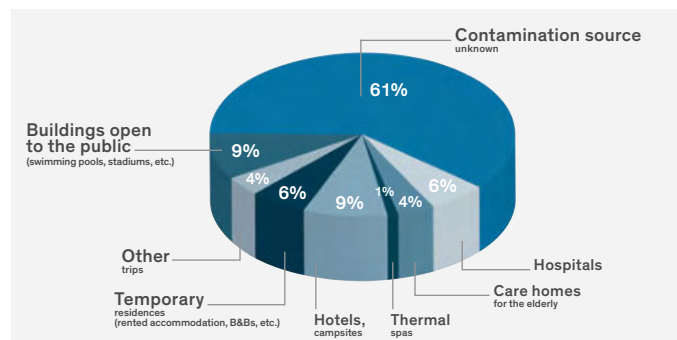
Legionnaires' disease is more likely to affect adults, especially older smokers and people with respiratory problems or weak immune systems.

Legionnaires' disease is treated with antibiotics. The World Health Organization (WHO) states that the alert level for Legionella starts at 1,000 Colony Forming Units (CFU) per litre of water (250 for hospitals). The UK alert level is 100 CFU/L.

Which installations are at risk?

Legionellae develop in **stagnant water** between **25-45°C**, with an optimum temperature between 30-37°C. Humid areas with scale, mud or which have been affected by corrosion are more prone to Legionella development.

Environments at risk include hot water systems, cooling towers, health resorts, water fountains, shower rooms, spas, etc.



Source: Public Health France 2022

Development of Legionella per temperature

Temperature	Development of Legionella
< 20°C	Dormant
25-45°C	Multiplies
50°C	90% die within 2 hours
60°C	90% die within 2 minutes

Source: CSTC Belgium November 2002

Current curative treatments are ineffective

- Chemical shocks: a chlorine injection 50 mg/L for 1 hour (HSE guidance); ≥ 10 mg/L for 8 hours (WHO).
- Thermal shocks: circulating hot water at 60°C for 60 minutes (in Europe: 70°C for 30 minutes).

• A short term effect:

The system can be very quickly recolonised within **3-4 weeks**. The inside of the pipework is covered by a biofilm: a sort of gel which bacteria stick to, feed on and proliferate in.

The biofilm protects them and enables them to withstand temperature variations (thermal shocks) and biocide products (chemical shocks).

During curative treatments, the risk is not only that the bacteria will get used to the treatment and thus develop their resistance to it, but above all will provoke detachment of bacteria aggregates which will be deposited closer to the water outlet and thus, to the user.

• Negative effect in distribution networks and drainage systems

They are not necessarily designed to withstand temperatures above 60°C or significant quantities of chlorine. They can cause **corrosion or premature ageing of the distribution and drainage system**.

• High risk for the user

During the treatment, the user is exposed to high risks:

- **3rd degree burns** in the case of a thermal shock.
- **Poisoning** in the case of chemical shock treatment.

• Costly and difficult operation to undertake

Curative treatments are difficult to undertake fully at all points in the system (various deposits, dead-legs, heat loss, etc.). They require the water **supply to be out-of-service** and the mobilisation of **maintenance staff**.

To avoid these treatments it is important to act on four levels:

- **Avoid dead-legs and water stagnation.**
- Regularly **maintain** the system to prevent corrosion or scaling.
- **Produce and store hot water at a high temperature** that will prohibit bacterial proliferation.
- **Maintain the temperature** in the system with a circulating loop and mix the water as close as possible to the point-of-use.

Capacity and length of pipework

Material	Pipe dimension	Pipe length for a capacity of	
		3 litres	1 litre
Copper	15 × 1	22m	7m
	18 × 1	15m	5m
	22 × 1	9m	3m
Galvanised steel	DN 15	17m	5m
	DN 20	10m	3m
PEX/PER plastic	15 × 2.5	38m	12m
	18 × 2.5	22m	7m
PR plastic	20 × 1.9	14m	4m
	25 × 1.9	8m	2m

REGULATIONS

HSE guidance recommends the monitoring of Legionella levels where there is a high risk of contamination.

The guidance recognises that the traditional method of controlling the risk of Legionella development is to produce and distribute higher water temperatures. Yet, this significantly increases the risk of scalding at the point-of-use.

(Source: Centre for Burns, St Joseph and St Luc Hospital, Lyon, France).

- **At 50°C:** burns in 7 seconds and 3rd degree burns in 100 seconds.
- **At 60°C:** 3rd degree burns in 3 seconds on average (5 seconds for an adult, 1-2 seconds for a child).

HSG274 Part 2 recommends the installation of thermostatic mixing valves where there is a high risk of scalding to users e.g. very young, very elderly, infirm, mentally disabled and physically disabled.

- Hot water should be distributed so that it reaches a temperature of 50°C (55°C in healthcare premises) within one minute at the outlets.
- Thermostatic mixing valves should be installed as close as possible to the point-of-use.

HSG 274 Part 2, 2014

HSE guidance for the control of Legionella bacteria in hot and cold water systems states that monitoring for Legionella should be carried out:

- when water is treated with biocides or when distribution temperatures are reduced from HSE guidelines.
- where water treatment regime control levels are not being consistently achieved.
- where there is a high-risk of contamination e.g. hospitals and care homes.
- where an outbreak of legionellosis has been identified.

A risk assessment is required to identify the monitoring frequency of installations for all points-of-use considered at-risk. DELABIE recommends:

- **Sentinel points for temperature measurement and bacteriological testing:**
 - **Once a week** in healthcare facilities.
 - **Once a month** for all other facilities receiving public.

Bacterial analysis: once a year

Two water assessments: one on the first draw-off, to detect *Pseudomonas aeruginosa* and one on the second to detect *Legionella*.

If the hot water systems haven't been used for several weeks, **samples for Legionella assessment** have to be taken just after the purge of the system and within two weeks before receiving the public.

Legionella monitoring levels

Alert level	< 100 CFU/L
Remedial action level	> 100 up to 1,000 CFU/L
Curative action level	> 1,000 CFU/L

CFU/L: Colony Forming Units per litre

The monitoring of Legionella bacteria in hot and cold water systems

Guidance on compliance with the relevant parts of the Management of Health and Safety at Work Regulations 1999 in public premises.

(Source: UK Health and Safety Executive, HSG 274 Part 2, 2014).

It recommends:

- **Minimum temperatures to limit the risk of development of Legionella.**
- **Maximum temperatures to limit the risk of scalding.**
- **At the calorifier outlet the hot water temperature must constantly be above 60°C.**
- **In storage equipment,** water must be maintained at a **minimum temperature of 60°C.**

- **At every point in the distribution system,** hot water must be delivered to the outlet at **50°C** (55°C in healthcare facilities) within **one minute** of turning on the tap.

The HSE advises that long pipe runs between TMVs and outlets should be avoided and should not exceed **2 metres in length**.

The maximum temperature of sanitary hot water at the point-of-use is set at:

- 44°C for bath fill (46°C if assisted)
- 41°C for showers
- 41°C for washbasins,

with special dispensation for catering applications. (Source: Health and Safety Executive information sheet 09/12; TMVA Code of Practice, 2000).



PREMIX SECURITY

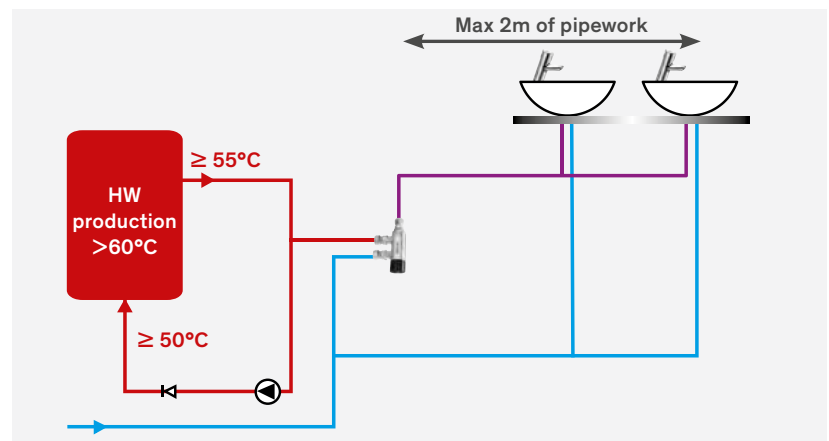


PREMIX COMFORT

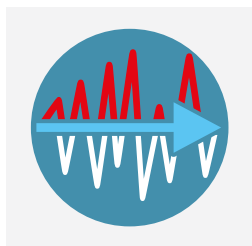


PREMIX COMPACT

Thermostatic
Mixing Valves



Pipes between centralised thermostatic mixing valves and the points-of-use should not be longer than 2 metres.



Temperature stability



Anti-scalding safety



Preventive and permanent solution against Legionella



GENERAL CHARACTERISTICS

Designed for public and commercial applications, PREMIX thermostatic mixing valves deliver a highly stable blend of mixed water at the desired temperature.

They enable simultaneous supply to one or more sanitary points-of-use (depending on the model chosen) for showers, basins, etc.

Fast to react, they constantly regulate the hot water temperature in the system.

Innovative, they benefit from PREMIX technology (thermo-reactive cell) which has indisputable performance advantages over existing technologies (bi-metal, dual controls, etc.).

Comfort

PREMIX thermostatic mixing valves ensure a constant temperature regardless of variations in pressure or flow rate in the system: they respond immediately to any changes.

PREMIX anticipates all variations in temperature and corrects them for the user.

Anti-scalding safety

PREMIX thermostatic mixing valves include an automatic safety feature ensuring that the hot water supply shuts off if the cold water supply fails.

They also provide temperature limitation thanks to an adjustable index ring.

PREMIX thus eliminates any risk of scalding.

Preventive and permanent solutions against Legionnaires' disease

The Health and Safety Executive's guidance HSG 274 Part 2 (2014) recommends maintaining the hot water temperature permanently above 50°C at all points in the system in order to prevent any risk of Legionella bacteria proliferation.

Water must be mixed as close as possible to points-of-use.

PREMIX contributes to preventing any risk of bacterial proliferation.

TECHNICAL ADVANTAGES

Reliability

The **thermostatic cell** of the PREMIX is located in the heart of the mixing chamber, which enables it to **have superior sensitivity to any variations in pressure or flow rate in the system**. It optimises the regulation of both hot and cold water supplies.

Precise temperature control

PREMIX valves are supplied pre-calibrated and are **precise to the exact degree recommended for the flow range**. The chosen temperature can be locked by the installer.

Minimal pressure loss

The PREMIX mechanism (without hydraulic relays) enables direct circulation of water between inlets and outlets. This **reduces the pressure loss** and optimises flow rate capacity of the system (ensuring excellent performance at low, medium or high pressures).

Minimal servicing

The internal working is designed to be as simple as possible with few moving parts. The PREMIX is manufactured with **scale and corrosion resistant mechanisms**.

It is recommended that preventive checks be carried out on the calibration and anti-scalding safety at least twice a year.

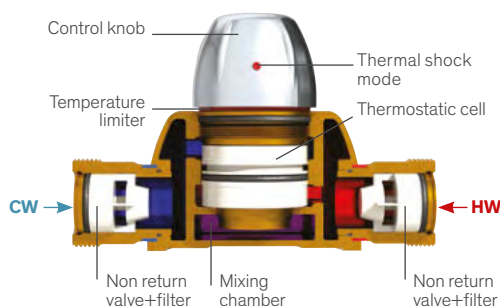
Quick and low cost maintenance

Cartridges are simple and **can be changed from the front without having to remove the whole mixing valve**. Filters and non-return valves are accessible from the exterior without having to remove the mechanism.

Comprehensive range

DELABIE offers a full range of products, from group thermostatic mixing valves (COMFORT and SECURITY models), to smaller sizes designed for fewer points-of-use (COMPACT and NANO models). **There are thus PREMIX solutions for all types of layouts.**

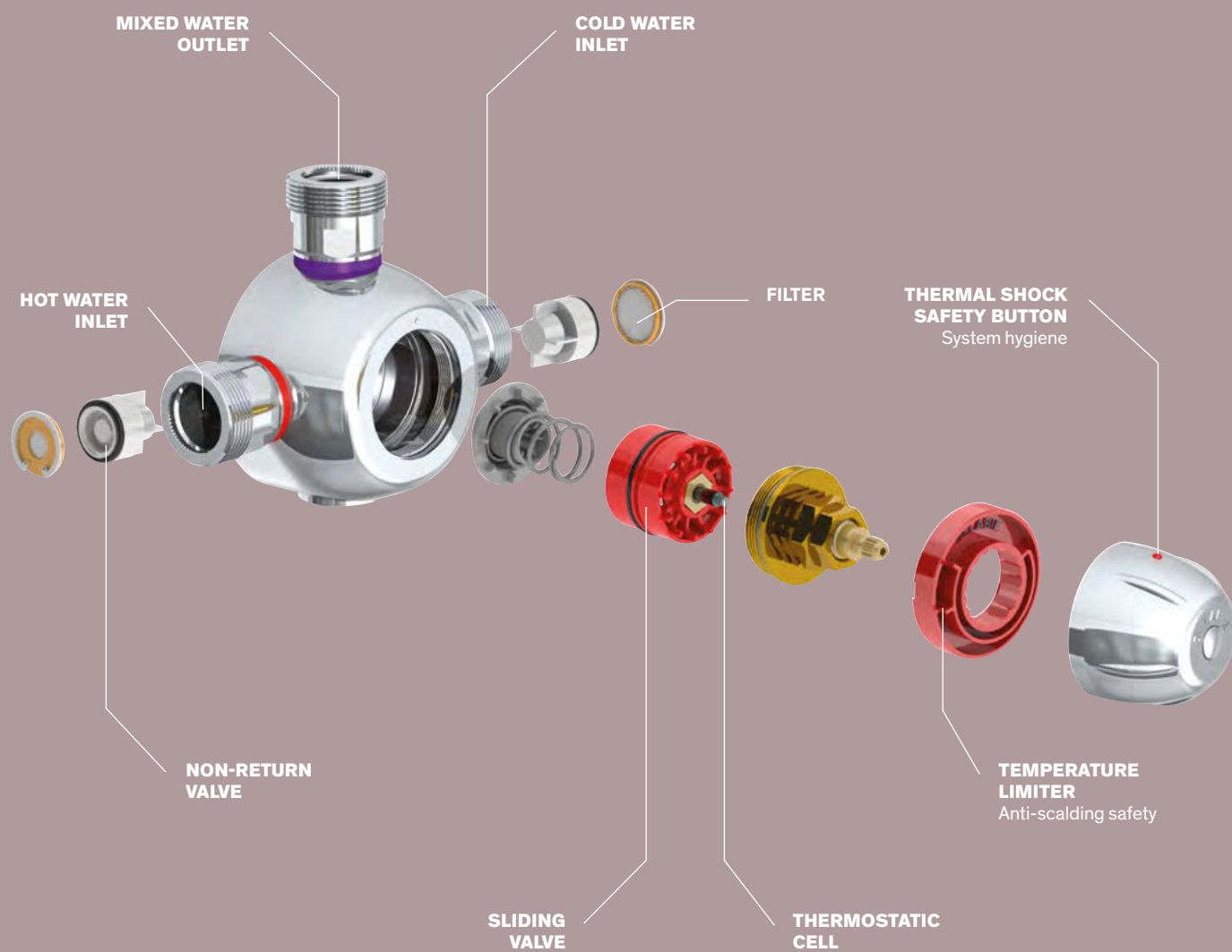
30-year warranty against any manufacturing defects
50 years repairability.



OPERATION

The thermostatic cell in the heart of the mixing chamber reacts rapidly to every temperature variation. Constantly in motion, it expands and contracts with changes in the flow rate and temperature to control a sliding valve that opens and closes the hot and cold water inlets.

- As the mixed water temperature rises, the thermostatic cell expands and pushes the sliding valve down. This immediately restricts the passage of hot water and opens the cold inlet.
- As the mixed water temperature falls, the thermostatic cell contracts and the sliding valve is pushed upwards by the balancing spring. It immediately restricts the passage of cold water and opens the hot inlet.
- If there is a cold water supply failure, the thermostatic cell expands instantly and the sliding valve closes the hot water inlet. The hot water flow is stopped within 3 seconds preventing the user from being scalded.



Normal or low frequency of simultaneous use:

The following formula is recommended as a means of determining the simultaneity coefficient:

$$\frac{0,8}{\sqrt{x-1}}$$

(x represents the number of points-of-use)

High-frequency of simultaneous use (public places):

DELABIE recommends using the following formula to determine the simultaneity coefficient:

$$\frac{2}{\sqrt{x-1}}$$

(x represents the number of points-of-use)

Exceptionally high-frequency:

Use of coefficient 1 for up to 15 points-of-use.

The choice of PREMIX thermostatic mixing valve depends upon the installation type, the frequency of simultaneous use (coefficient), the number of points-of-use, and the dynamic water pressure at the PREMIX inlets. To select the appropriate PREMIX for an installation, it is necessary to calculate the design corrected flow rate.

1. DETERMINING THE COEFFICIENT OF SIMULTANEOUS USE

It depends on type of site (public and commercial places) and number of points-of-use to supply.

Number of taps and valves to be connected	Simultaneity coefficient	
	High simultaneity frequency	Normal/low simultaneity frequency
	Sport stadia, schools, boarding schools, camp sites, etc.	Hospitals, hotels, offices, apartment blocks, social housing, etc.
1 - 5	1	1
5 - 10	1	0.5
10 - 15	0.6	0.3
15 - 25	0.5	0.3
25 - 40	0.4	0.2
40 - 60	0.3	0.15
More than 60	0.2	0.1

2. CALCULATING GROSS FLOW RATE

The expected flow rate depends on operating flow rate for each type of outlet (refer to manufacturer's data sheets for tap and valve flow rates).

	Flow rate	Number of fittings	Total gross flow rate
DELABIE time flow basins	3 lpm	x ...	= ...
DELABIE time flow showers	6 lpm	x ...	= ...
Basin, sink, shower, bidet	12 lpm	x ...	= ...
Bath tub	20 lpm	x ...	= ...
TOTAL GROSS FLOW RATE for all points-of-use			

3. CALCULATING THE DESIGN FLOW RATE

To supply installation branch.

Total gross flow rate	x	Simultaneity coefficient	=	Design corrected flow rate for mixed water
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4. SIZING THE APPROPRIATE PREMIX

The choice depends on the design corrected flow rate and pressure loss.

1. Select the PREMIX size depending on design corrected flow rate for mixed water in the system.
2. Check the PREMIX pressure loss.
Having established the dynamic pressure at the thermostatic mixing valve inlet and the required residual pressure for supplying installation, select the model chosen based on the associated pressure drop.

Example:

For a 50 lpm design flow rate:

The PREMIX ¾" records a 2.4 bar pressure loss as opposed to 0.9 bar for the PREMIX 1".

NB: When supply pressure is 3 bar (recommended), pressure loss should not exceed 1 bar.

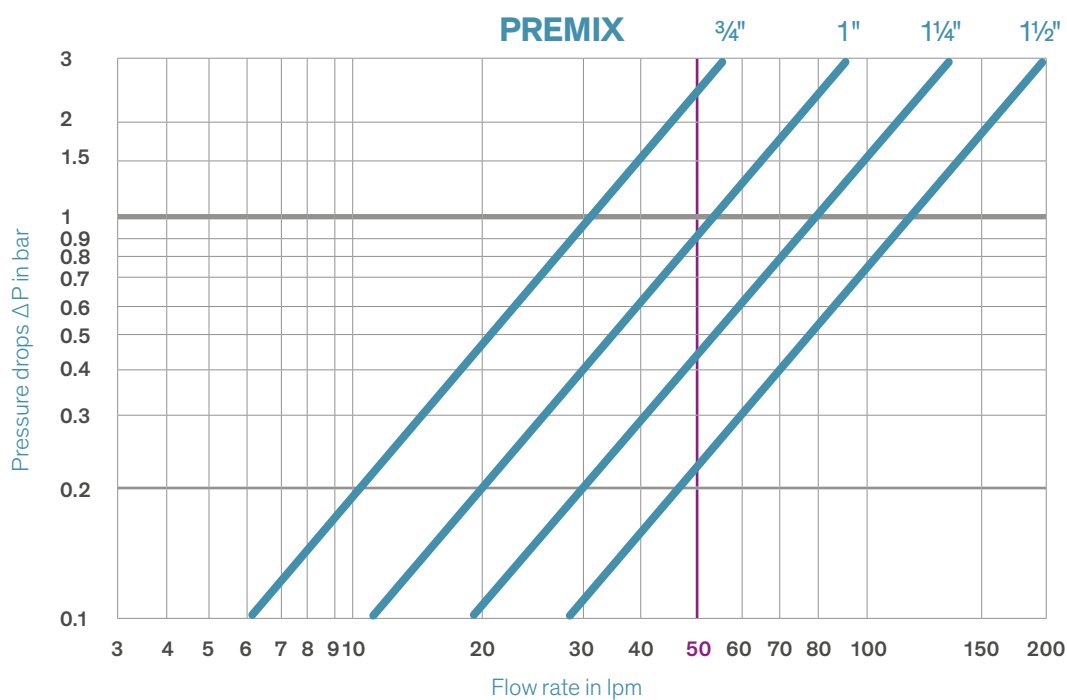


Chart of PRESSURE LOSSES:

Dynamic pressure drop when operated under varying flow rates.

REMINDER: Check pipework pressure losses (e.g. different floor levels, extended supply pipes, etc.). See chapter "Sanitary technical data" (page 269).

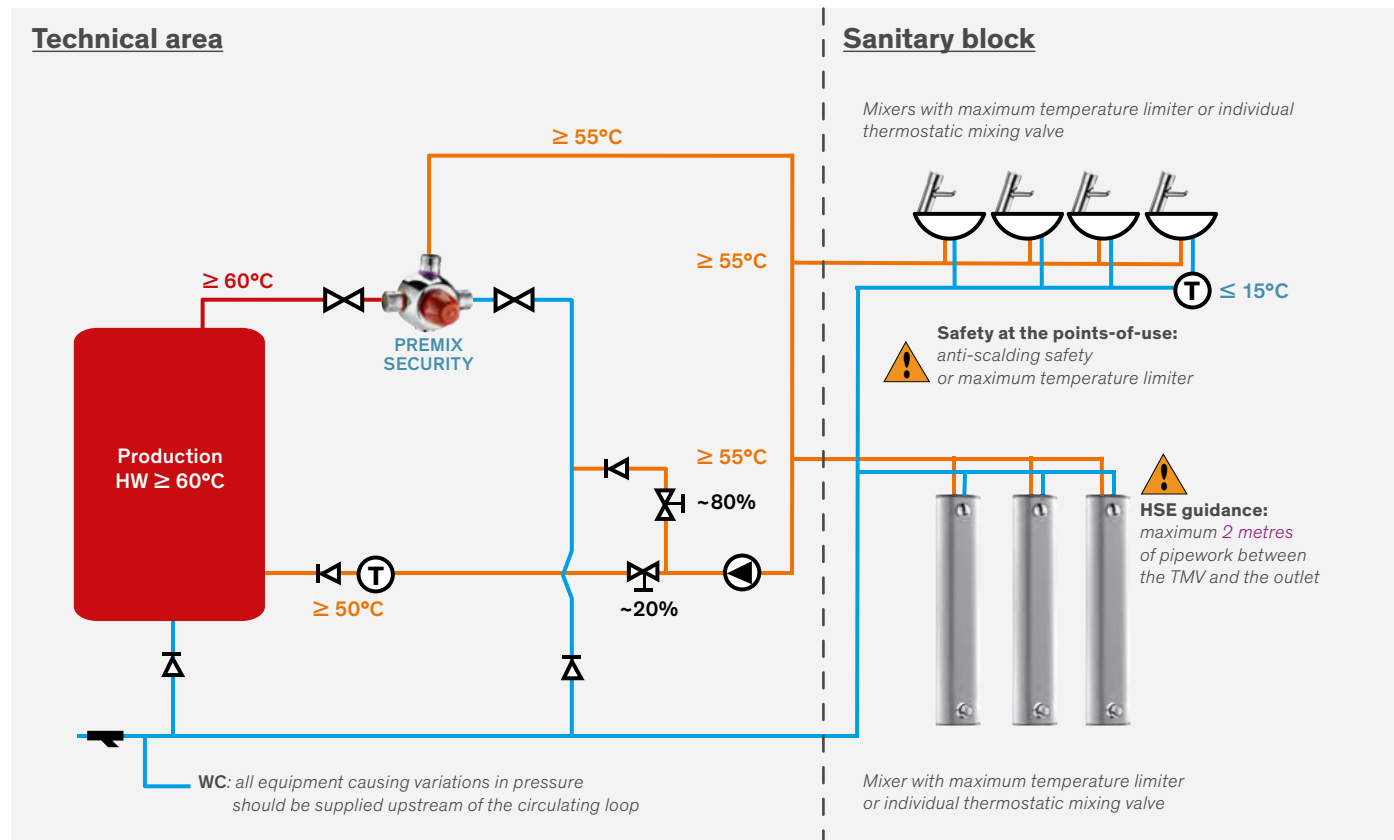
Due to the diversity of fittings possible, this information is not contractual and is for guidance only. The designer remains responsible for determining the best simultaneity coefficient and TMV model.

Circulating loop with PREMIX SECURITY and points-of-use WITH maximum temperature limiter

PREMIX SECURITY enables the sanitary hot water **circulating loop to be maintained** at a constant temperature $\geq 50^{\circ}\text{C}$ (recommended at 55°C), which **reduces heat loss** and **prolongs the life of the system**.

- Points-of-use supplied at 50°C or more equate to an increased risk of scalding.
- The HSE guidance HSG 274 Part 2 (2014) restricts the maximum temperature at the hot water outlet to $< 41^{\circ}\text{C}$.

To guarantee safety, all DELABIE mixers (thermostatic, electronic or time flow) which are used at the point-of-use are fitted with a maximum temperature limiter, which can be adjusted by the installer.



GUIDANCE FOR A QUICK SELECTION OF PREMIX WITH DELABIE WATER CONTROLS

PREMIX	Flow rate at 3 bar pressure loss	Recommended operating range	High simultaneous use		Normal simultaneous use	
			Number of taps and valves	Simultaneity coefficient	Number of taps and valves	Simultaneity coefficient
3/4"	55 lpm	10 - 45	Up to 6	1	Up to 6	1
1"	90 lpm	20 - 70	Up to 12	1	Up to 16	0.3
1 1/4"	140 lpm	30 - 110	Up to 25	0.5 - 0.7	Up to 50	0.15
1 1/2"	190 lpm	40 - 150	Up to 40	0.4 - 0.6	Up to 100	0.1

High simultaneous use: sports stadia, swimming pools, schools, boarding schools, campsites, etc. (DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; average use 5 lpm).

Normal simultaneous use: hospitals, hotels, offices, apartment blocks, social housing, etc. (DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; sinks 12 lpm; baths 20 lpm; average use 12 lpm).



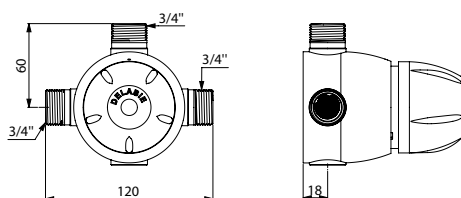
- **Automatic anti-scalding safety:** automatic shut-off if cold water fails
- **Comfort:** temperature stability regardless of variations in pressure, flow rate or temperature in the system
- **Solution against Legionnaires' disease:** complies with the UK HSE technical guidance "HSG274 Part 2" in 2014
- **Installation:** at the hot water system outlet (HW)

PREMIX SECURITY

Group thermostatic mixing valve for circulating loops 44 - 58°C



- **Anti-scalding safety.**
- **Regulates temperature variations.**
- **Filters and non-return valves can be accessed from the outside without removing the mechanism.**
- **Thermal shocks are possible.**
- **Interchangeable cartridge with thermostatic cell.**
- High-resistance chrome-plated brass body.
- Maximum hot water temperature: 85°C.
- Differential hot water / mixed water: 15°C minimum.
- Pressure differences at the inlets: 1 bar maximum (0.5 bar recommended).
- Minimum pressure / maximum: 1 - 10 bar (1 - 5 bar recommended).
- Left hand side hot water inlet (red ring) and right hand side cold water inlet (blue ring).
- Mixed water outlet at the top (purple ring).
- For bottom outlet: unscrew / place blanking cap at the top and outlet connector at the bottom.
- **15% energy savings:** heat loss minimised (comparison between a circulating loop at 55°C and a non-circulating system at 70°C).
- **Safety and increased system lifespan**
(Hot water at >65°C leads to premature ageing within the system).
- **Maximum temperature limiter, can be adjusted by the installer.**
- **Reduced risk of scalding by reducing the temperature at the production outlet.**
- 30-year warranty.



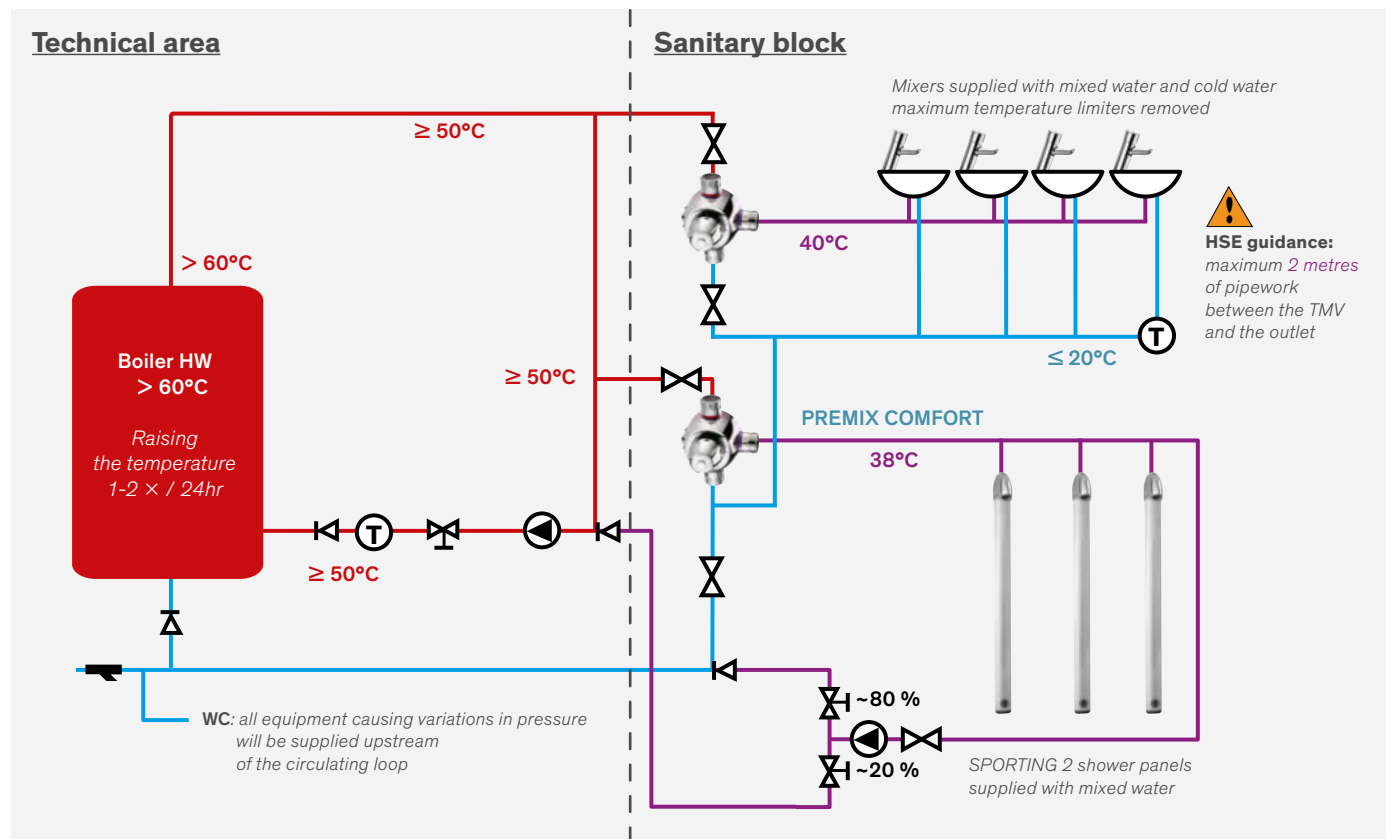
731052

Description	Dimensions			Reference	Price
	W	H	D		
PREMIX SECURITY 55, M $\frac{3}{4}$ "	120	60	18	731052	£636.01
PREMIX SECURITY 90, M1"	160	80	23	731053	£985.81
PREMIX SECURITY 140, M1 $\frac{1}{4}$ "	180	90	26	731054	£1,415.10
PREMIX SECURITY 190, M1 $\frac{1}{2}$ "	196	98	26	731055	£1,828.48

Circulating loop PREMIX COMFORT and points-of-use WITHOUT maximum temperature limiter

PREMIX COMFORT reduces the risk of scalding by limiting the temperature at the points-of-use: mixed water supply < 41°C.

- The points-of-use do not have a temperature limiter.
- The HSE advises that long pipe runs between TMVs and outlets should be avoided and should not exceed 2 metres in length.



GUIDANCE FOR A QUICK SELECTION OF PREMIX WITH DELABIE WATER CONTROLS

PREMIX	Flow rate at 3 bar pressure loss	Recommended operating range	High simultaneous use		Normal simultaneous use	
			Number of taps and valves	Simultaneity coefficient	Number of taps and valves	Simultaneity coefficient
¾"	55 lpm	10 - 45	Up to 6	1	Up to 6	1
1"	90 lpm	20 - 70	Up to 12	1	Up to 16	0.3
1¼"	140 lpm	30 - 110	Up to 25	0.5 - 0.7	Up to 50	0.15
1½"	190 lpm	40 - 150	Up to 40	0.4 - 0.6	Up to 100	0.1

High simultaneous use: sports stadia, swimming pools, schools, boarding schools, campsites, etc.
(DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; average use 5 lpm).

Normal simultaneous use: hospitals, hotels, offices, apartment blocks, social housing, etc.
(DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; sinks 12 lpm; baths 20 lpm; average use 12 lpm).



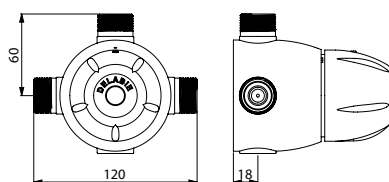
- **Automatic anti-scalding safety:** automatic shut-off if cold water fails
- **Comfort:** temperature stability regardless of variations in pressure or flow rate in the system
- **Solution against Legionnaires' disease:** complies with the UK HSE technical guidance "HSG274 Part 2" in 2014
- **Installation:** upstream of point-of-use

PREMIX COMFORT

Group thermostatic mixing valve for mixed water 32 - 42°C



- **Anti-scalding safety.**
- **Regulates temperature variations.**
- **Filters and non-return valves can be accessed from the outside without removing the mechanism.**
- **Thermal shock with no specific lever needed** (push-button on the control knob).
- **Interchangeable cartridge with thermostatic cell.**
- High-resistance chrome-plated brass body.
- Maximum hot water temperature: 85°C.
- Differential hot water / mixed water: 15°C minimum.
- Pressure differences at the inlets: 1 bar max. (0.5 bar recommended).
- Minimum pressure / maximum: 1 - 10 bar (1 - 5 bar recommended).
- Left hand side hot water inlet (red ring) and right hand side cold water inlet (blue ring).
- Mixed water outlet at the top (purple ring).
- For bottom outlet: unscrew / place blanking cap at the top and outlet connector at the bottom.
- **Maximum temperature limiter, can be adjusted by the installer.**
- **Reduced risk of scalding by reducing the temperature at the point-of-use.**
- Available in 2 sizes to replace the common existing models (standard exchange).
- 30-year warranty.



731002

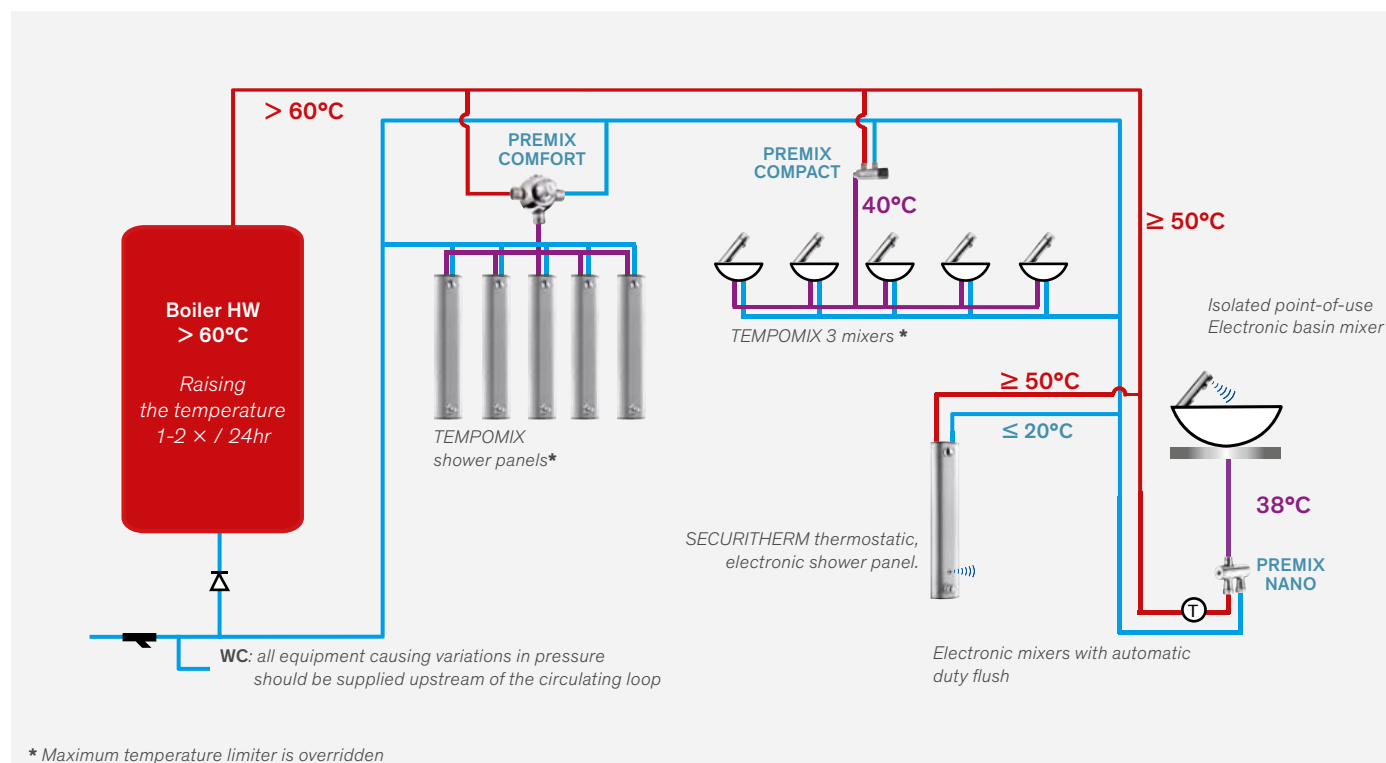
Description	Dimensions			Reference	Price
	W	H	D		
PREMIX COMFORT 55, M $\frac{3}{4}$ "	120	60	18	731002	£636.01
PREMIX COMFORT 90, M1"	160	80	23	731003	£985.81
PREMIX COMFORT 140, M1 $\frac{1}{4}$ "	180	90	26	731004	£1,415.10
PREMIX COMFORT 190, M1 $\frac{1}{2}$ "	195	98	26	731005	£1,828.48
PREMIX COMFORT T2, M $\frac{3}{4}$ "	120	81	18	731200	£636.01
PREMIX COMFORT T3, M1"	146	95	23	731300	£985.81
PREMIX COMFORT T4, M1 $\frac{1}{4}$ "	180	107	26	731400	£1,415.10
PREMIX COMFORT T5, M1 $\frac{1}{2}$ "	218	129	26	731500	£1,828.48

No circulating loop, PREMIX COMFORT, COMPACT or NANO and duty flush system

In installations where there is no circulating loop, stagnating water at temperatures below 50°C can cause Legionella bacteria to develop. In older installations where a circulating loop is not possible, we recommend the solution below to combat bacterial proliferation.

Solutions:

- PREMIX COMFORT, COMPACT or NANO to lower the temperature of the water at the points-of-use to a maximum of 41°C (HSG 274 Part 2, 2014).
- DELABIE electronic mixers, taps or valves with automatic duty flush can be installed at the extreme end of each distribution arm (as a minimum) to prevent any bacterial development: automatic duty flush for ~60 seconds every 24 hours after the last use.



PREMIX COMFORT

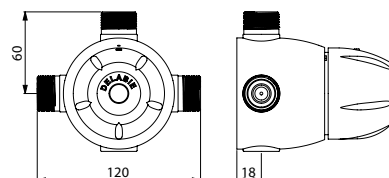
Group thermostatic mixing valve for mixed water supply 32 - 42°C



- **Anti-scalding safety.**
- **Regulates temperature variations.**
- Filters and non-return valves can be accessed from the outside without removing the mechanism.
- **Thermal shock with no specific lever needed** (push-button on the control knob).
- Interchangeable cartridge with automotive cell.
- **Maximum temperature limiter, can be adjusted by the installer.**
- **Reduced risk of scalding by reducing the temperature at the point-of-use.**
- 30-year warranty.

For more information and models of PREMIX COMFORT (see page 153).

Description	Dimensions			Reference	Price
	W	H	D		
PREMIX COMFORT 55, M¾"	120	60	18	731002	£636.01
PREMIX COMFORT 90, M1"	160	80	23	731003	£985.81
PREMIX COMFORT 140, M1¼"	180	90	26	731004	£1,415.10
PREMIX COMFORT 190, M1½"	195	98	26	731005	£1,828.48



731002



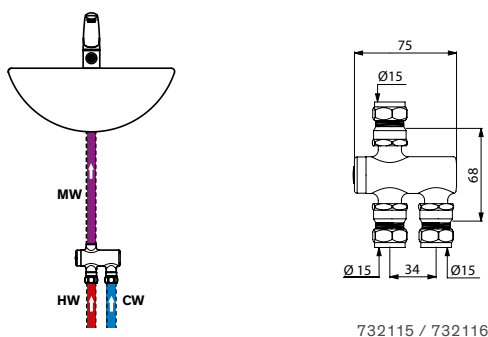
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Comfort:** regulates temperature variations for a stable temperature at the point-of-use
- **Installation:** upstream of the taps and valves

PREMIX NANO

Thermostatic mixing valve with mixed water 34 - 60°C



- **For 1 - 2 taps or 1 shower.**
- **Anti-scalding failsafe:** automatic shut-off if cold or hot water supply fails.
- Temperature pre-set at 38°C, can be adjusted by the installer 34 - 60°C.
- Brass body.
- **Filters and non-return valves.**
- Recommended flow rate range: from 3 - 12 lpm.
- **Thermal shocks are possible.**
- 30-year warranty.



PREMIX NANO

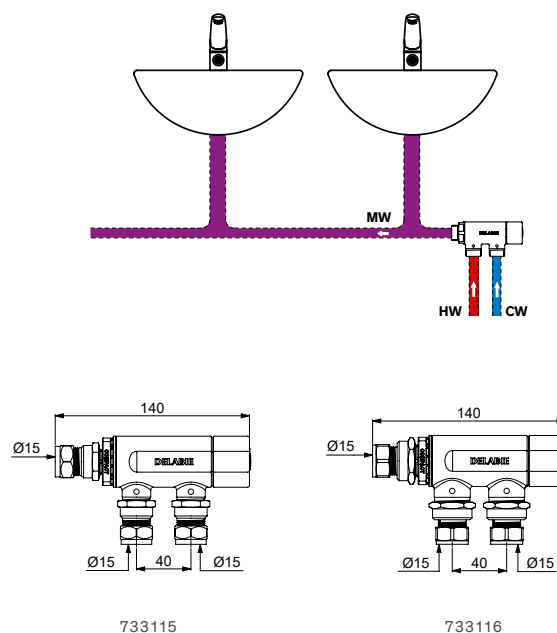
Nickel, M½" Ø 15mm	732115	£92.09
Nickel, F½" Ø 15mm	732115MEC	£112.19
Polished, M½" Ø 15mm	732116	£108.39

PREMIX COMPACT

Thermostatic mixing valve with mixed water 30 - 60°C



- **For 2 - 11 points-of-use (depending on the flow rate).**
- **Anti-scalding safety:** automatic shut-off if cold or hot water supply fails.
- Temperature pre-set at 38°C, can be adjusted by the installer 30 - 60°C.
- Brass body.
- **Filters and non-return valves.**
- Recommended flow rate range: from 5 to 33 lpm.
- Centres: 40mm.
- **Thermal shocks are possible.**
- 30-year warranty.



PREMIX COMPACT

M½" Ø 15mm	733115	£117.97
M¾" Ø 15mm	733116	£117.97



Urinals: Valves and frame systems

SOLUTIONS
FOR URINALS

159

ELECTRONIC
CONTROLS AND
FRAME SYSTEMS

161



TIME FLOW
CONTROLS
AND FRAME SYSTEMS

173



ADDITIONAL
FITTINGS AND
RECOMMENDATIONS

182





SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Optimised space and time

Two urinals can easily replace one WC. This helps combat the problem of space in public and commercial facilities. As they are used standing up, the usage time for urinals is shorter, therefore the turnover of users is faster.

Resistant to intensive use and vandalism

DELABIE's controls are specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

The urinal valve bodies have been specifically designed and are fitted with **shock-resistant** mechanisms and sensors.

The **reinforced fixings** and **streamlined designs** prevent unwanted removal.

For areas that require tamperproof installations, there are recessed and cross wall versions which have mechanisms that cannot be accessed by the user.

Minimal servicing and simple to maintain

The **scale-resistant** solutions and the filters ensure minimal servicing.

Maintenance is easier. The **spare parts** are **standardised** to ensure quick and easy replacement by the maintenance staff.

Direct access to the components without having to remove the valve.

Easy to install

The urinal valves exist in the following models:

- **exposed**: visible water supply,
- **recessed**: in the wall,
- **cross wall**: the mechanisms cannot be accessed by the user,
- **on frame systems**: supplied pre-assembled, installation is quick and simple.

DESIGN

Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**. The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings.

In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

Design without constraints

Aesthetic products are subject to less vandalism as they are better respected. The **smooth shape** of the urinal valves reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.



Vandal-resistant



Design

Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Electrical supply*	230V / 50 Hz class II (without earth connection)
Electronic unit*	Independent or integrated
6V Lithium battery*	CR123 standard battery Average lifespan ~350,000 cycles or 3 - 6 years
Duty Flush programme can be adjusted*	12 or 24h after last use (or OFF)
CE	Complies with European Directives CEM 2014/30/EU and BT 2014/35/EU
Time flow	~3 or 7 seconds

* Depending on model



30-year warranty against any manufacturing defects.
50 years repairability.



WATERLESS URINALS

Water saving?

"Waterless" urinals have to be rinsed every 2 hours to avoid unpleasant odours. The reality is that they consume 18 to 36 litres of water per day (6 × 3L). Therefore, maintenance staff need to be available.

Ecological?

Occlusive liquid cartridges and sealing fluid bottles create waste and have an unknown impact on the environment.

Economical?

The purchase price of a waterless urinal is high. Running costs are also high (liquids and servicing products). Regular changes of consumables involve substantial manpower.

Hygienic?

Waterless urinals do not rinse the urinal bowl or the pipework. As a result, bacteria stay in the bowl and develop continuously after each use. The build-up of urine can also cause blockages in the pipework.



THE ADVANTAGES OF ELECTRONIC URINAL VALVES

GUARANTEED HYGIENE

Automatic and systematic flush

The urinal is cleaned automatically without any need for contact when the user leaves. **No manual contact prevents the spread of germs by hand.**

Hygienic duty flush

When a urinal is not used regularly, water stagnates in the pipework and bacteria develop. **Electronic urinals automatically activate every 24 hours after the last use** in order to circulate the water in the system. This duty flush also enables the renewal of the water in the trap: a natural barrier preventing bad odours rising.

Reduced-stagnation solenoid valve

Traditionally, solenoid valves operate with a membrane system that always carries a certain volume of stagnant water. DELABIE has developed a system without a membrane: **100% of the water held in the valve is, therefore, renewed with each use.**

EXCEPTIONAL WATER AND ENERGY SAVINGS: 60%

A smaller rinsing area

Due to the smaller bowl size, a urinal uses up to **6 times less water than a WC pan.**

The right rinse

In order to find **the ideal balance between effectiveness and savings**, the water volume supplied must be adjusted depending on the size of the urinal. This setting is adjustable on every model and enables **water savings of up to 60%.**

Demonstrated efficiency

In order to properly clean a urinal the bowl must be rinsed and the water in the trap renewed. With a minimum flow rate of 0.15 L/sec. for 3 seconds, sufficient water is used to clean the urinal. This consumption can even be optimised thanks to models with a **high-frequency mode** (TEMPOMATIC 4 and TEMPOMATIC).

Energy savings

Infrared active pulse technology used on electronic controls is a **low-power consumption solution.** The battery-operated electronic models have an average lifespan of **350,000 cycles** (i.e. 3 to 6 years) depending on the frequency of use. The Lithium batteries are widely available, affordable and recyclable.

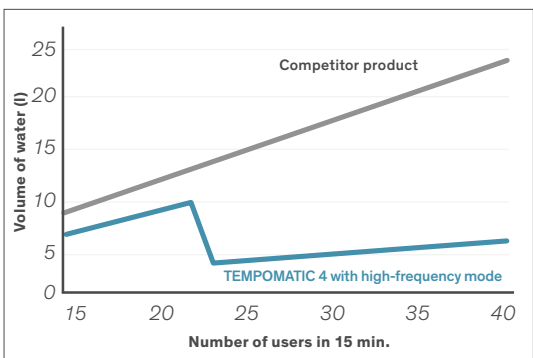
HIGH-FREQUENCY MODE

An intelligent and adaptable solution

DELABIE has developed an "intelligent" urinal valve: able to detect high-frequency periods and **to adapt its rinse** accordingly. These high-use periods often occur during intermissions at concert halls or theatres, half-time at stadiums, break time at schools, etc.

During **peak periods**, only the bowl is rinsed between two users, reducing the water volume. At the end of the busy period, a complementary rinse takes place to rinse the urinal completely and renew the water in the trap.

Water consumption comparison



The TEMPOMATIC 4 offers three rinsing modes according to the type of urinal. It also includes a stopcock and a flow rate adjuster.

Water consumption optimisation according to urinal type

	Short rinse	Additional rinse
Programme 1 (Standard urinal)	2 seconds	2 seconds
Programme 2 (Siphon urinal)	2 seconds	4 seconds
Programme 3 (Siphon action urinal)	3 seconds	8 seconds



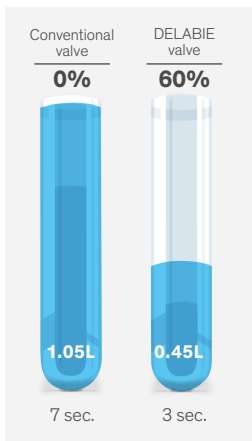
Hygiene and infection control



Reduced-stagnation solenoid valve



Discover our water savings video



Water savings per use



TEMPOMATIC 4 electronic urinal valve **430SBOX + 430000** - FINO urinal **135710** - AZA urinal divider **100620**



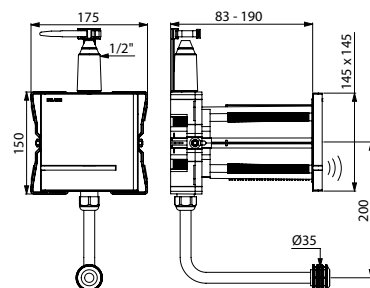
- **Exceptional water savings:** high-frequency mode, 3 available programmes
- **Hygiene:** systematic individual rinsing with no manual contact, hygienic duty flush, reduced-stagnation solenoid valve
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)
- **Easy to replace the batteries:** after 3 - 6 years, without removing the urinal valve or shutting off the water

TEMPOMATIC 4

Recessed electronic urinal valve



- **Battery-operated with CR123 6V Lithium batteries** or **230/6V mains supply** (cable and transformer supplied).
- **Control plate 145 × 145mm with integrated electronics.**
- **Waterproof recessing housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 83mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, filter and solenoid valve are all integrated and accessible from the front.
 - TEMPOMATIC 4 F 1/2" urinal valve is compatible with sea water, rain water and grey water.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **3 programmes** (rinse volume can be set according to urinal type).
- **High-frequency mode** (exclusive to DELABIE):
 - Short rinse after each user.
 - Additional rinse at the end of the busy period.
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after the last use: prevents vacuums.
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Connection with Ø 35mm connection washer (for standard urinals) or 1/2" brass connection (for urinals supplied by flexible).
- For use with neck tube ref. 752430 or 757430.
- Suitable for people with reduced mobility.
- 30-year warranty.

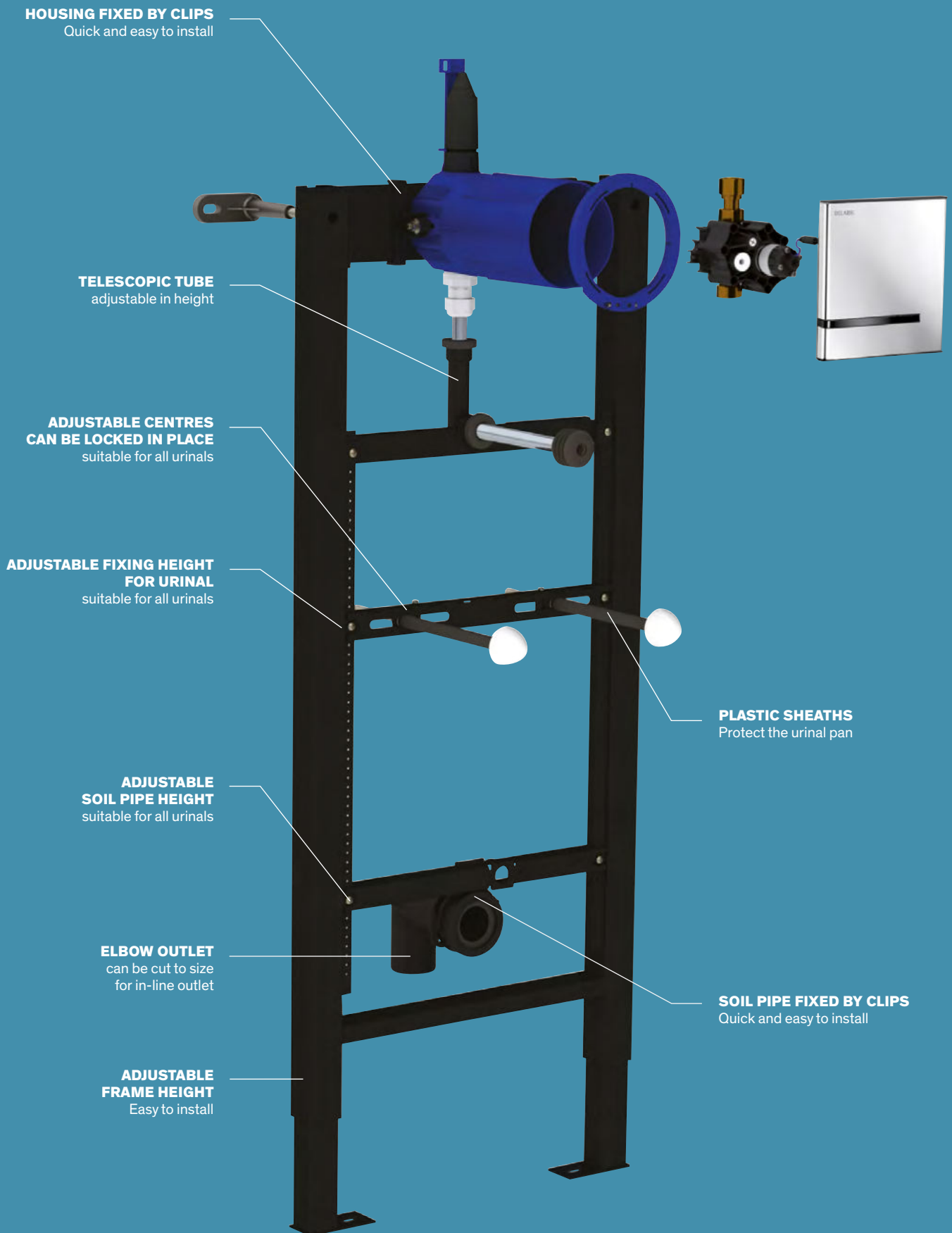


430PBOX + 430016 + 752430



TEMPOMATIC 4 recessed urinal valve in a waterproof housing

Bright polished finish stainless steel 6V battery-operated	430PBOX + 430016	£140.02 £401.99
Bright polished finish stainless steel 230V mains supply	430SBOX + 430010	£164.30 £430.70
Satin finish stainless steel 6V battery-operated	430PBOX + 430006	£140.02 £401.99
Satin finish stainless steel 230V mains supply	430SBOX + 430000	£164.30 £430.70
Black tempered glass finish 6V battery-operated	430PBOX + 430036	£140.02 £483.16
Black tempered glass finish 230V mains supply	430SBOX + 430030	£164.30 £510.76
Ø 35mm neck tube supply for urinals	752430	£25.97
Neck tube supply for urinals with flexible 1/2"	757430	£56.17





- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted, clip into place assembly
- **Vandal-resistant:** install behind a solid partition wall, concealed fixings
- **Hygiene:** systematic individual rinsing without manual contact, hygienic duty flush

TEMPOFIX 3 with TEMPOMATIC 4

Frame system with electronic urinal valve



- Black powder-coated steel frame for wall-mounted installation.
- Fixes to floor and load-bearing walls, anchoring bolts supplied.
- Adjustable bracket 100 - 280mm.
- Frame height can be adjusted from 0 - 200mm.
- Waterproof recessing housing.
- Ø 50mm soil pipe with waterproof seal.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 13 - 120mm.**

Fitted with TEMPOMATIC 4 F1/2" electronic valve:

- Battery-operated with CR123 6V Lithium batteries or 230/6V mains supply (cable and transformer supplied).
- Control plate 145 × 145mm with integrated electronics.
- Shock-resistant infrared presence detection sensor.
- Detection delay is 10 seconds.
- **3 programmes** (rinse volume can be set according to urinal type).
- **High-frequency mode** (exclusive to DELABIE).
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after last use: prevents vacuums.
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Connection with Ø 35mm connection washer (for standard urinals) or 1/2" brass connection (for urinals supplied by flexible).
- Suitable for people with reduced mobility.
- 30-year warranty.

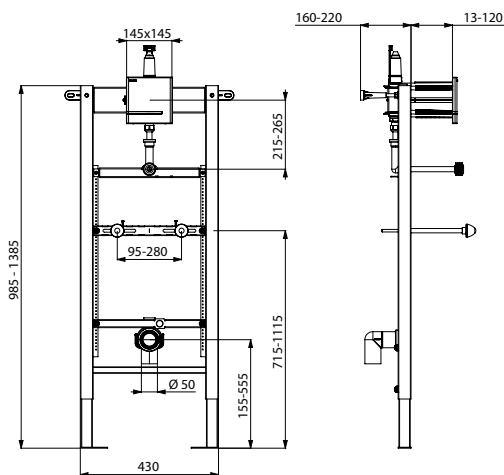
TEMPOFIX 3 with TEMPOMATIC 4 urinal valve

6V battery-operated models

Bright polished finish stainless steel - urinal Ø 35mm	543006 + 430016	£458.94 £401.99
Bright polished finish stainless steel urinal with flexible 1/2"	543006D + 430016	£458.94 £401.99
Satin finish stainless steel - urinal Ø 35mm	543006 + 430006	£458.94 £401.99
Satin finish stainless steel - urinal with flexible 1/2"	543006D + 430006	£458.94 £401.99
Black tempered glass finish urinal Ø 35mm	543006 + 430036	£458.94 £483.16
Black tempered glass finish urinal with flexible 1/2"	543006D + 430036	£458.94 £483.16

230/6V mains supply models

Bright polished finish stainless steel - urinal Ø 35mm	543000 + 430010	£458.94 £430.70
Bright polished finish stainless steel urinal with flexible 1/2"	543000D + 430010	£458.94 £430.70
Satin finish stainless steel - urinal Ø 35mm	543000 + 430000	£458.94 £430.70
Satin finish stainless steel - urinal with flexible 1/2"	543000D + 430000	£458.94 £430.70
Black tempered glass finish urinal Ø 35mm	543000 + 430030	£458.94 £510.76
Black tempered glass finish urinal with flexible 1/2"	543000D + 430030	£458.94 £510.76

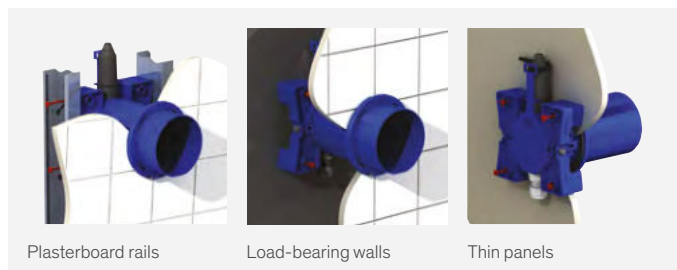


543006 + 430016

TEMPOMATIC 4 RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

Modular

DELABIE's recessed housing can be attached from the sides, front or back, to be fixed to **plasterboard rails**, **load-bearing walls** or even **thin panels**. The installation is therefore modular, and adapts to suit any project.



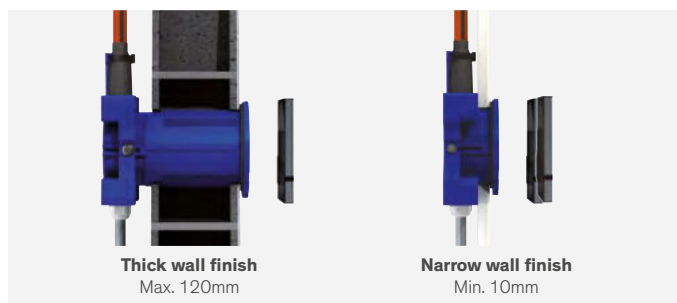
Plasterboard rails

Load-bearing walls

Thin panels

Adaptable

The ideal positioning of the collar allows the housing to be cut to size lengthwise depending on the wall thickness, whilst still guaranteeing a complete waterproof seal. **The housing adapts to all wall depth requirements, thick or thin, from 10 to 120mm.**



Thick wall finish
Max. 120mm

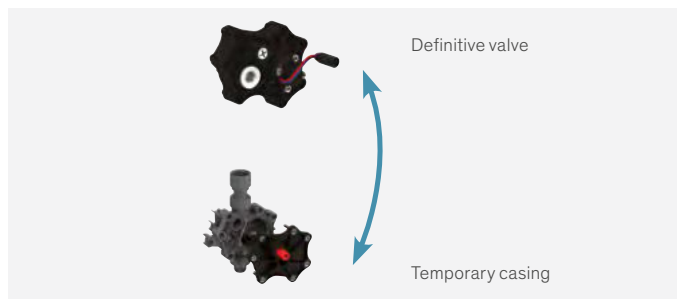
Narrow wall finish
Min. 10mm

Quick and easy to install

The TEMPOMATIC 4 can be connected to standard pipework or "pipe in pipe".

The hydraulic connection is made from the outside of the housing.

During the installation, the solenoid valve, the filter and the stopcock are replaced by a temporary casing to facilitate and **ensure a safe system flush**, without damaging the technical elements.



Definitive valve

Temporary casing

100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system). **It is completely waterproof without silicone.** Any condensation is evacuated via the plate. **The wall stays intact throughout.**



Collar with integrated waterproof seal

Minimal servicing and simple to maintain

Maintenance is carried out from the front by simply removing the control plate.

The technical elements are accessible and the component parts come **pre-assembled**. An **LED** indicates when the **batteries need to be replaced**. Integrated in the plate, they can be replaced **without shutting off the water or removing the valve**.

The TEMPOMATIC 4 is compatible with sea water, grey water and rainwater.

Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

Exceptional water savings

Thanks to its **optimised flow rate and time flow**, the TEMPOMATIC 4 rinse provides just the necessary flush volume and, therefore, the best compromise between water consumption and efficacy. It also features the **high-frequency mode**.

For more information see page 161.

Hygiene

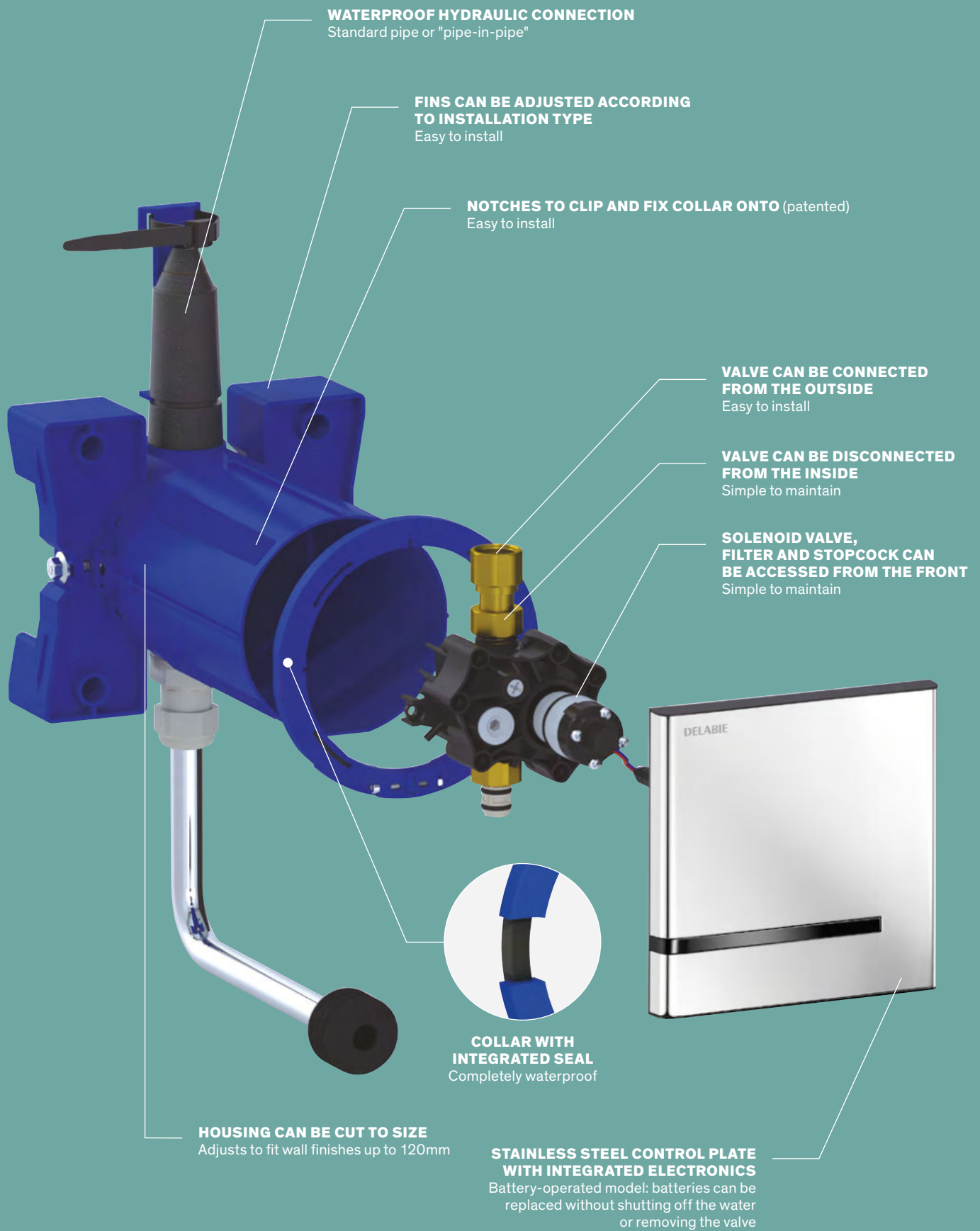
The TEMPOMATIC 4 recessed urinal flush rinses automatically after each user leaves. **No manual contact** prevents the spread of germs by hand. The **hygienic duty flush** prevents bacterial proliferation and the problem of vacuums.

The TEMPOMATIC 4 is supplied with a **reduced-stagnation solenoid valve**. *For more information see page 161.*

Design

The TEMPOMATIC 4 control plate has a **timeless design**, available in bright polished, satin, or black glass finish. Compact and discreet, it fits perfectly in any type of public and commercial building. Its smooth surface limits the build-up of dirt and facilitates cleaning.

This new concept combines **design and functionality**: the electronics are integrated directly in the wall plate.







- **Exceptional water savings:** high-frequency mode, 3 available programmes
- **Hygiene:** systematic individual rinsing with no manual contact, hygienic duty flush, reduced-stagnation solenoid valve
- **Easy to install:** electronic system integrated into the body of the urinal valve
- **Easy to replace the batteries:** after 3 - 6 years, without removing the urinal valve or shutting off the water

TEMPOMATIC 4

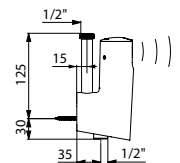
Exposed electronic urinal valve with integrated batteries



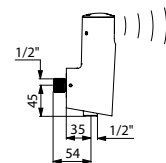
- **Battery-operated with integrated CR123 6V Lithium batteries.**
- For wall-mounted, exposed installation.
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the urinal valve.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **3 programmes** (rinse volume can be set according to the type of urinal).
- **High-frequency mode** (exclusive to DELABIE):
 - short rinse after each user.
 - additional rinse at the end of the busy period.
- **Hygienic duty flush** every 24 hours after last use: prevents vacuums.
- Compatible with rain water.
- Flow rate 0.15 L/sec. at 3 bar, can be adjusted.
- **Integrated stopcock and flow rate adjuster.**
- One-piece chrome-plated metal body.
- M $\frac{1}{2}$ " connection.
- Suitable for people with reduced mobility.
- 30-year warranty.

Ideal for replacing old installations:

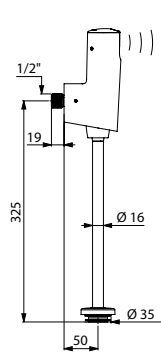
Can easily be installed where there was previously a time flow urinal valve.



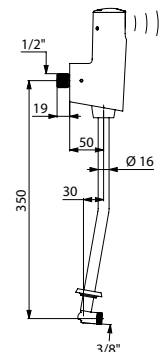
479410



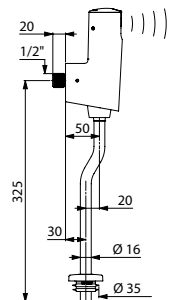
479411



479412



479413



479416

TEMPOMATIC 4 exposed valve		
Valve only (M $\frac{1}{2}$ " outlet, 35mm gap from wall)		
In-line	479410	£399.61
Angled	479411	£384.53
Full kit (angled supply)		
For standard urinal: 50mm gap from wall	479412	£419.22
For DELABIE FINO urinal	479413	£434.30
For DELABIE DELTA urinal	479414	£431.30
For non-standard urinal: 30mm gap from wall	479416	£417.72







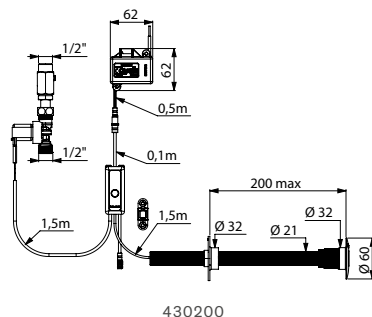
- **Hygiene:** no manual contact, hygienic duty flush
- **Exceptional water savings:** 60%
- **Vandal-resistant:** cross wall or recessed installation

TEMPOMATIC

Cross wall electronic urinal valve



- **Mains supply.**
- Electronic unit with solenoid valve, filter and stopcock M $\frac{1}{2}$ ".
- Cross wall installation.
- Shock-resistant presence detector.
- **Detection distance, time flow and flow rate can be adjusted during installation.**
- 230/12V transformer supplied.
- **Presence detection delay is 3 seconds.**
- **Automatic pre-rinse** can be pre-set.
- **Time flow ~3 seconds** can be adjusted from 3 - 12 seconds.
- **High frequency mode** (exclusive to DELABIE):
 - short rinse after each user.
 - complementary rinse after busy period.
- **Hygienic duty flush** every 24 hours after last use, prevents vacuums.
- Compatible with rain water.
- Flow rate 0.3 L/sec. at 3 bar, can be adjusted.
- Escutcheon flush to the wall.
- Threaded rod can be cut-to-size.
- Suitable for people with reduced mobility.
- 30-year warranty.

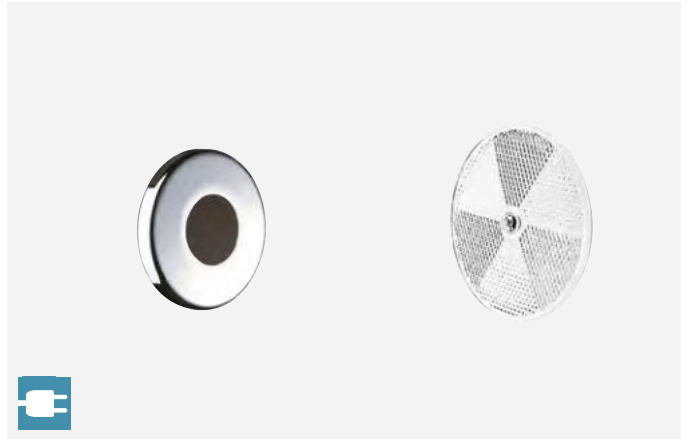


Product currently under development.

TEMPOMATIC cross wall urinal valve		
For panels \leq 30mm	430100	
For walls \leq 200 mm	430200	£390.00
Alternative cross wall lengths are available on request		£401.80

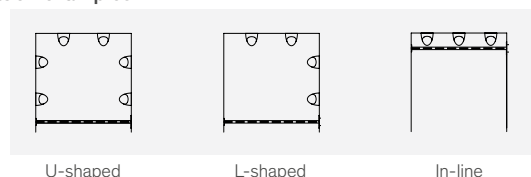
TEMPOMATIC multi-urinals

Recessed electronic valve with infrared barrier for urinals



- **Rinsing for 1 - 8 standard or stall urinals or 2 siphon action urinals.**
- For recessed installation.
- Electronic unit with 230/12V transformer.
- Hydraulic unit with solenoid valve, stopcock M $\frac{3}{4}$ " and filter.
- **Hygienic duty flush** every 24 hours after last use, prevents vacuums.
- Recessed infrared detector \varnothing 50mm and reflector \varnothing 85mm.
- **Automatic pre-rinse** can be pre-set upon arrival of the first user.
- **Automatic rinse** every 30 or 60 seconds.
- **Time flow pre-set at 3 seconds**, can be adjusted from 2 - 14 seconds.
- Flow rate 0.3 L/sec. at 3 bar, can be adjusted.
- Maximum detection range recommended: 6 metres.
- **Anti-blocking security:** automatic shut-off after 20 uninterrupted cycles.
- Suitable for people with reduced mobility.
- 30-year warranty.

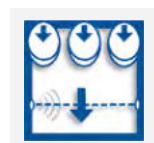
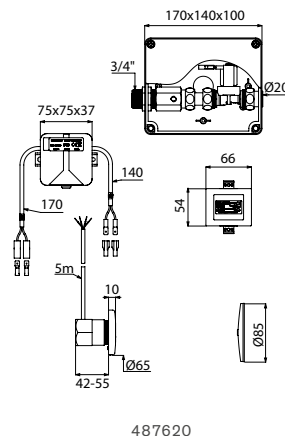
Installation examples



U-shaped

L-shaped

In-line



TEMPOMATIC multi-urinals	487620	£894.94
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EXCEPTIONAL WATER AND ENERGY SAVINGS: 60%

A smaller rinsing area

Due to the smaller bowl size, a standard urinal uses up to **6 times less water than a WC pan**.

Optimised time flow

DELABIE's urinal valves are more economical in terms of water than most of the valves available on the market. Time flow is set at **3 seconds** instead of the usual 7 seconds, resulting in up to 60% water consumption savings whilst maintaining appropriate hygiene levels.

Efficiency

With a minimum flow rate of 0.15 L/sec. for 3 seconds, the water volume is 45cl which is enough to renew the water in a conventional trap. This flow rate can be adjusted during installation.

Energy savings

DELABIE's time flow urinal valves operate completely autonomously with no need for an electrical supply. They **do not consume any power at all**.

Ecological

DELABIE's time flow urinal valves are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

Environmental labels

The water and energy saving performance of DELABIE's time flow urinal valves means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

For more information see page 8.

SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

Superior endurance

The time flow mechanisms in DELABIE's urinal valves are hard-wearing.

The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**.

There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**.

DELABIE's water controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

TECHNICAL SOLUTIONS FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user.

DELABIE has developed specific products to respond to a variety of challenges (comfort, design, new buildings, refurbishment, users with specific needs, etc.).

Soft technology: soft-touch operation

DELABIE has developed time flow controls with a **soft-touch operation**.

Soft technology allows all users (children, the elderly or people with reduced mobility) to use the controls with no effort required.

TEMPOSOFT 2 and **TEMPOFLUX** models are fitted with a priming system that requires half the effort to operate, compared to conventional controls.

Waterproof recessing

TEMPOFLUX features **DELABIE's newest generation of recessing housings**. This housing is 100% waterproof and can be installed on different fixtures (rails, solid walls, panels) and can be adapted to fit different wall thicknesses from 10 - 120mm.

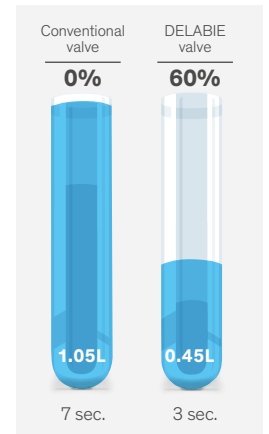
Types of installation

For refurbishment projects in particular, the water supply, available pressure or the associated urinals can be a problem for the installer.

DELABIE offers urinal valves with **in-line** or **angled** inlet supply, with **1/2"** union (with ~3 or 7 seconds time flow).



Optimised time flow



Water savings per use



Soft technology: soft-touch operation



Vandal-resistant



Endurance





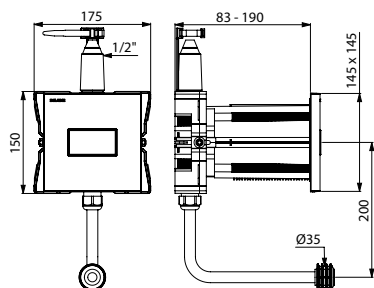
- **Exceptional water savings:** 60%
- **Comfort:** soft-touch operation
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

TEMPOFLUX

Recessed time flow urinal valve



- **Satin finish stainless steel control plate** 145 × 145mm.
- **Chrome-plated metal button.**
- **Waterproof recessing housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes from 10 - 120mm (while maintaining the minimum recessing depth of 83mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, filter and cartridge are all integrated and accessible from the front.
 - TEMPOFLUX F½" urinal valve is compatible with sea water, rain water and grey water.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- **Soft-touch operation.**
- **Time flow pre-set at ~3 seconds or ~7 seconds.**
- **Flow rate pre-set at 0.15 L/sec. at 3 bar,** can be adjusted up to 0.3 L/sec.
- Complies with European standard EN 12541 (class II acoustic level).
- Connection with Ø 35mm connection washer (for standard urinals) or ½" brass connection (for urinals supplied by flexible).
- For use with neck tube ref. 752430 or 757430.
- Suitable for people with reduced mobility.
- 30-year warranty.

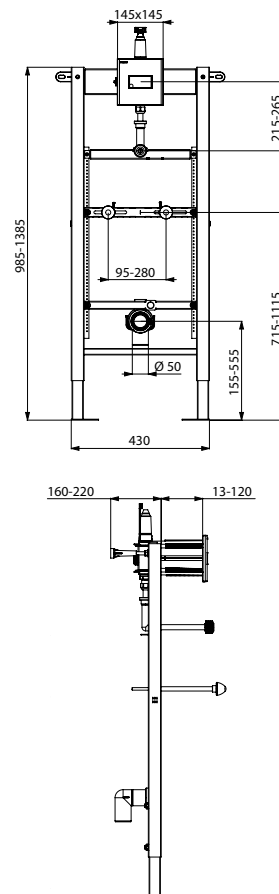


778BOX + 778700 + 752430

TEMPOFLUX recessed urinal valve in a waterproof housing		
Time flow ~3 seconds	778BOX	£138.68
	+ 778700	£202.70
Time flow ~7 seconds	778BOX	£138.68
	+ 778707	£202.70
Ø 35mm neck tube supply for urinals	752430	£25.97
Neck tube supply for urinals with flexible ½"	757430	£56.17

TEMPOFIX 3 with TEMPOFLUX

Frame system with time flow urinal valve



543006 + 778700

- Black powder-coated steel frame for wall-mounted installation.
- Fixes to floor and load-bearing walls, anchoring bolts supplied.
- Adjustable bracket 95 - 280mm.
- Frame height can be adjusted from 0 - 200mm.
- Ø 50mm soil pipe with waterproof seal.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 13 - 120mm.**
- 30-year warranty.

Fitted with a TEMPOFLUX F½" time flow urinal valve (see opposite).

TEMPOFIX 3 with TEMPOFLUX urinal valve		
Time flow ~3 seconds		
For urinals Ø 35mm	543006	£458.94
	+ 778700	£202.70
For urinals with flexible ½"	543006D	£458.94
	+ 778700	£202.70
Time flow ~7 seconds		
For urinals Ø 35mm	543006	£458.94
	+ 778707	£202.70
For urinals with flexible ½"	543006D	£458.94
	+ 778707	£202.70





- **Exceptional water savings:** 60%
- **Comfort:** soft-touch operation
- **Simple to maintain:** innovative stopcock and flow rate adjustment system integrated in the wall plate

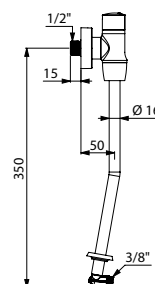
TEMPOFLUX

Exposed time flow urinal valve

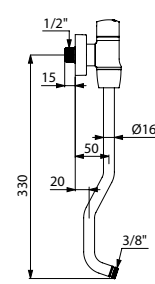


- For standard or siphon action urinals.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~3 seconds.**
- Flow rate pre-set at 0.15 L/sec. at 3 bar, can be adjusted up to 0.3 L/sec.
- **Innovative stopcock and flow rate adjustment system integrated in the escutcheon (patented).**
- **Complies with European standard EN 12541** (class II acoustic level).
- Compatible with rain water.
- Chrome-plated solid brass body M1½".
- With chrome-plated neck tube.
- Angled for recessed inlet.
- Suitable for people with reduced mobility.
- 30-year warranty.

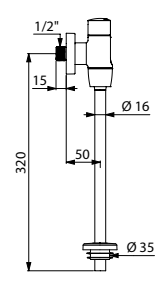
TEMPOFLUX exposed kit for DELABIE urinals		
For FINO urinal	778759	£173.94
For DELTA urinal	778757	£173.94
TEMPOFLUX exposed kit for urinals with rim		
For standard urinal (50mm gap from wall) (type ALLIA Blagnac or DURAVIT Jim, Starck, D-code or IDEAL STANDARD Axif or LAUFEN Caprino or ROCA Mini or VB O.Novo etc.)	778755	£169.18



778759



778757



778755

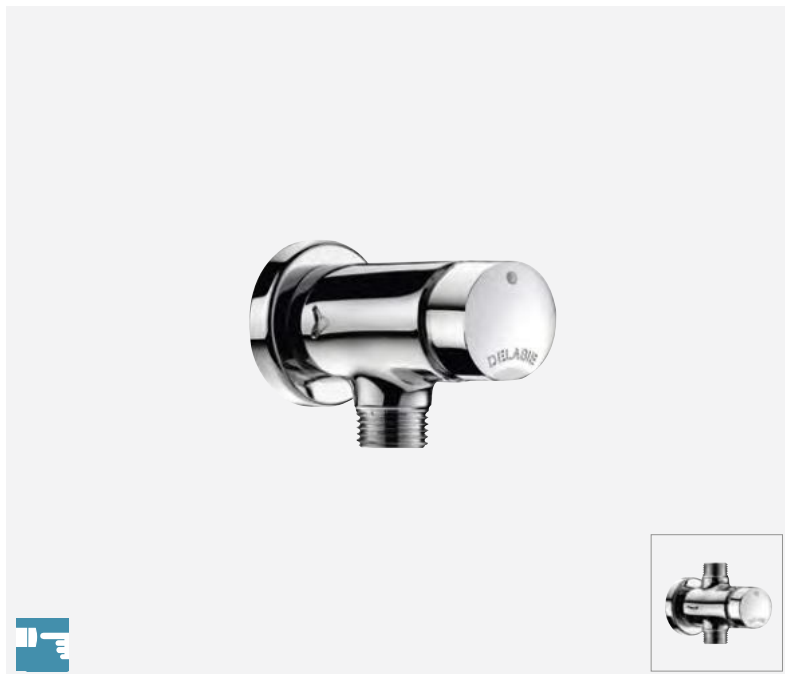
DELABIE / TEMPOSOF 2 time flow urinal valves



- **Exceptional water savings:** 60%
- **Vandal-resistant:** solid brass, recessed model
- **Comfort:** soft-touch operation

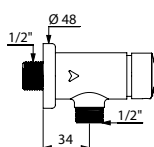
TEMPOSOF 2

Exposed time flow urinal valve

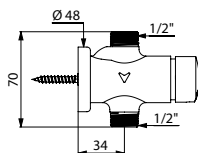


- For standard or siphon action urinals.
- **Soft-touch operation.**
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated brass body M1/2".
- Suitable for people with reduced mobility.
- 30-year warranty.

The recessed version of this urinal valve does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



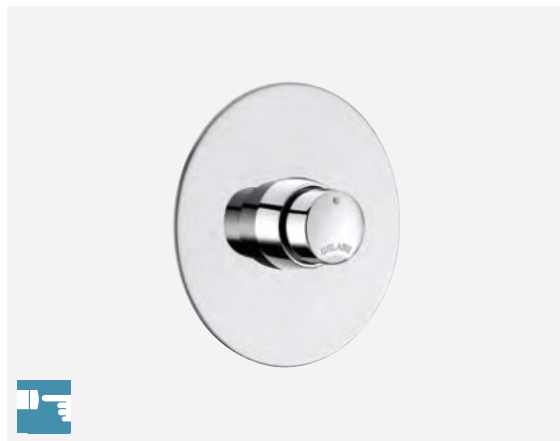
777800



777800

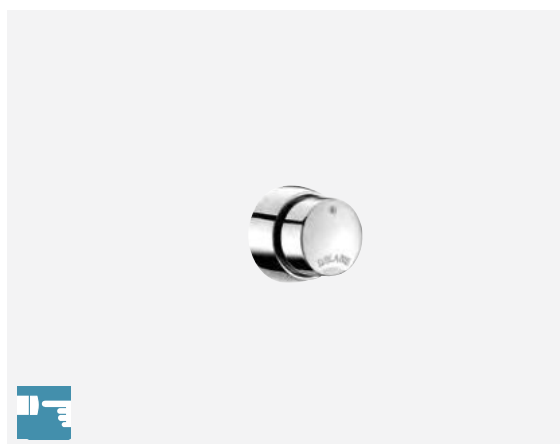
TEMPOSOF 2

Wall-mounted recessed time flow urinal valve



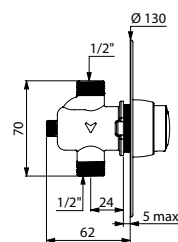
TEMPOSOF 2 recessed time flow urinal valve:

- Bright polished stainless steel wall plate Ø 130mm.
- Spacing can be adjusted from 1 - 5mm.

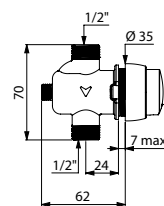


TEMPOSOF 2 time flow urinal valve for panels:

- For panels or dry wall installation up to 7mm maximum.



777130



777140

TEMPOSOF 2 exposed urinal valve

Straight for in-line inlets	777800	£89.03
Angled for recessed inlets	777800	£82.33

Options: unions and neck tubes (see page 182)

TEMPOSOF 2 urinal valve, recessed or for panels

Recessed behind a wall plate	777130	£127.21
For panels or dry walls	777140	£99.96

Options: unions and neck tubes (see page 182)



- **Exceptional water savings:** 60%
- **Vandal-resistant:** chrome-plated solid brass

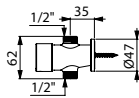


TEMPOSTOP 3

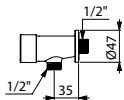
Exposed time flow urinal valve



- For standard, siphon action or stall urinals.
- Exposed or wall-mounted installation.
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec** at 3 bar, can be adjusted.
- Chrome-plated brass body M½".
- Escutcheon.
- 30-year warranty.



703700



703800

Product currently under development.

TEMPOSTOP 3 exposed urinal valve M½"		
Straight for in-line inlets	703700	£77.14
Angled for recessed inlets	703800	£85.76



- **Exceptional water savings:** 60%
- **Vandal-resistant:** recessed installation

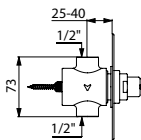
TEMPOSTOP

Recessed time flow urinal valve



- For standard or siphon action urinals.
- For recessed installation.
- Recessing depth can be adjusted.
- Stainless steel plate Ø 130mm.
- Compatible with rain water.
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 0.25 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated brass body F1/2".
- 30-year warranty.

This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



779128

TEMPOSTOP recessed valve with wall plate	779128	£157.04
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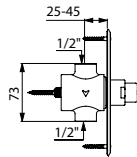
TEMPOSTOP

Recessed time flow urinal valve



- For standard or siphon action urinals.
- For recessed installation.
- Recessing depth can be adjusted.
- Stainless steel plate 160 × 160mm.
- Compatible with rain water.
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 0.25 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated brass body F1/2".
- 30-year warranty.

This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



779427

TEMPOSTOP recessed valve with wall plate	779427	£174.42
Option: tamperproof screws (see page 265)		



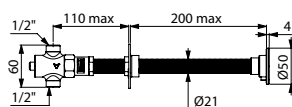
- Exceptional water savings: 60%

TEMPOSTOP

Cross wall time flow urinal valve



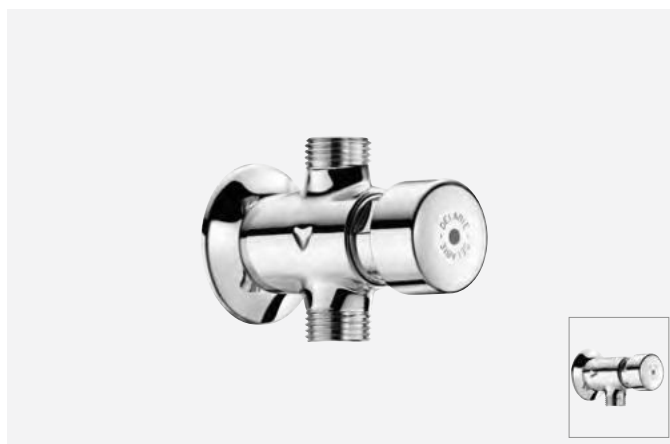
- For standard or siphon action urinals.
- For walls $\leq 200\text{mm}$.
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated metal body M $\frac{1}{2}$ ".
- Push-button base with anti-rotating pin.
- Connecting nut.
- Threaded rod can be cut to size.
- 30-year warranty.



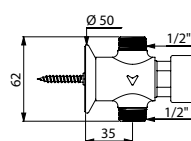
777110

TEMPOSTOP

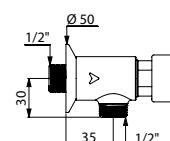
Exposed time flow urinal valve M $\frac{1}{2}$ "



- For standard, siphon action, or stall urinals.
- For wall-mounted, exposed installation.
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated brass body M $\frac{1}{2}$ ".
- Escutcheon.
- 30-year warranty.



777000



778000

TEMPOSTOP exposed urinal valve M $\frac{1}{2}$ "

Straight for in-line inlets	777000	£74.70
Angled for recessed inlets	778000	£82.33

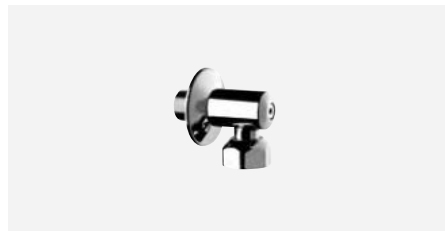
Options: unions and neck tubes (see page 182)

TEMPOSTOP cross wall urinal valve	777110	£126.54
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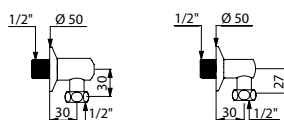
Alternative cross wall lengths are available on request

Elbow union

With or without stopcock



- Retractable nut.
- Chrome-plated brass.
- L. 30mm.
- 30-year warranty.



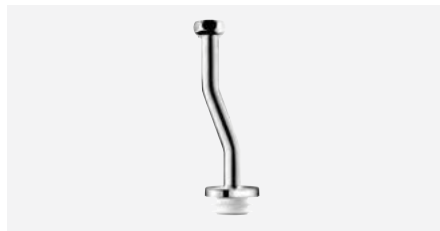
836015

838015

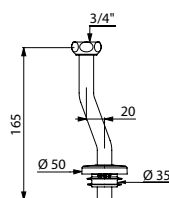
Elbow STOP union with stopcock		
MF 1/2", H. 30mm	836015	£51.63
M 1 1/2" - F 3/4", H. 30mm ± 2mm	836020	£49.96
Elbow union without stopcock		
MF 1/2", H. 27mm	838015	£37.86
M 1 1/2" - F 3/4", H. 29mm	838020	£40.15

Neck tube

For siphon action urinals



- F 3/4" Ø 35mm.
- IDEAL STANDARD Prival 3803.
- NOVOBOCH Mistal or Vasco.
- ROCA wall-mounted.
- SELLES 8620 or Mistal.
- VILLEROY & BOCH Targa 7502/7504 or Esta 7508.
- 30-year warranty.

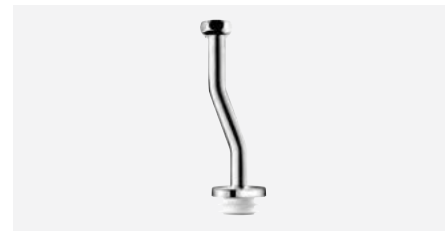


759000

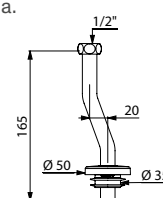
Neck tube F 3/4" Ø 35mm	759000	£39.76
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Neck tube

For standard or siphon action urinals



- F 1/2" Ø 35mm.
- ALLIA GEBERIT Satolas 43650/43651 or Blagnac 3560.
- DURAVIT Ben 848.7, Pago 839.6, Jim or Neiß.
- IDEAL STANDARD Pindard.
- LAUFEN Como.
- NOVOBOCH Oural 600.
- PORCHER Axif.
- SELLES Euroline.
- SPHINX Eurobase.
- VILLEROY & BOCH Java, Toboga, Troja, Magnum, Targa, Esta.
- 30-year warranty.



752000

Neck tube F 1/2" Ø 35mm	752000	£35.73
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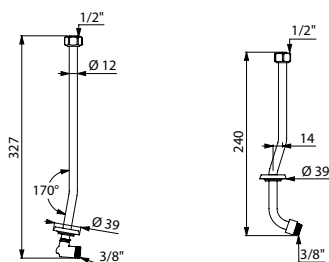
Neck tube

For DELABIE urinals



- F 1/2".
- DELABIE FINO or DELTA.
- 30-year warranty.

For matching urinals see DELABIE "Stainless Steel Sanitary Ware" catalogue (DOC 750UK).



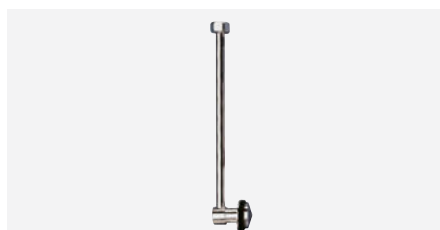
757135

757162

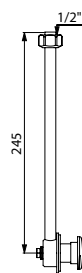
Neck tube F 1/2", for DELABIE urinals		
FINO	757135	£51.77
DELTA	757162	£64.48

Neck tube

For ALLIA / SELLES urinals



- F 1/2" with water nozzle.
- ALLIA GEBERIT Aubagne.
- SELLES 8418.
- 30-year warranty.



751000

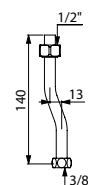
Neck tube F 1/2" for ALLIA / GEBERIT Aubagne, SELLES 8418 urinals	751000	£50.85
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Neck tube

For I.S. / PORCHER urinals



- IDEAL STANDARD Exposed 3873.
- PORCHER Exposed 2642/2651.
- 30-year warranty.



753000

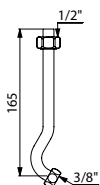
Neck tube F 1/2", for I.S. / PORCHER urinals		
IDEAL STANDARD F 1/2" - F 3/8" Exposed 3873	753000	£23.65
PORCHER F 1/2" - F 3/8" Exposed 2641/2651		

Neck tube

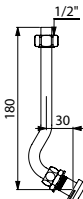
For JACOB DELAFON urinals



- JACOB DELAFON Coquille 2-1519.
- 30-year warranty.



754000



754524

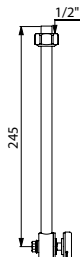
Neck tube for JACOB DELAFON urinals		
Coquille 2-1519 F½" without water nozzle	754000	£26.36
Coquille 2-1519 F½" with water nozzle	754524	£56.76

Neck tube

For VILLEROY & BOCH urinals



- F½".
- VILLEROY & BOCH Losange 7530.
- With water nozzle.
- 30-year warranty.



751753

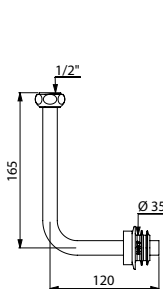
Neck tube F½", for VILLEROY & BOCH urinals	751753	£67.86
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Recessed inlet

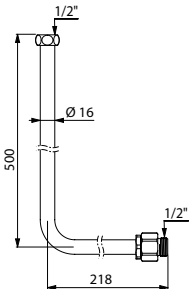
For standard or siphon action urinals



- 30-year warranty.



758135



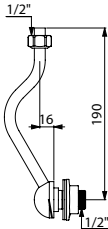
758445

Recessed inlet		
Recessed neck tube F½" Ø 35mm	758135	£44.51
Recessed neck tube F½" - M½"	758445	£44.51
Recessed union M½" Ø 35mm	758035	£22.67

Neck tube for stalls



- F½".
- Water nozzle.
- 30-year warranty.



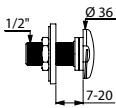
756000

Neck tube F½" for SELLES 452, ALLIA/ GEBERIT Montceau 007350 stalls	756000	£60.91
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Water nozzle for stalls



- 30-year warranty.



758921

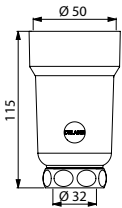
Water nozzle for stalls		
M¾"	758021	£32.62
M½"	758921	£32.62

SIPHURINOIR

Urinal trap



- Vertical urinal trap Ø 50mm.
- Outlet Ø 32mm with nut.
- 50mm water level.
- Chrome-plated ABS.
- 30-year warranty.



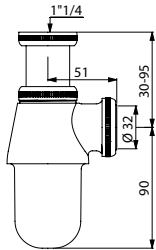
771000

SIPHURINOIR	771000	£42.36
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Urinal bottle trap with horizontal outlet



- Inlet F1¼".
- Horizontal outlet Ø 32mm with nut.
- Water level 50mm.
- Chrome-plated brass.
- 30-year warranty.



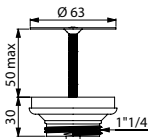
517000

Bottle trap with horizontal outlet	517000	£65.44
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Urinal waste



- Stainless steel grid Ø 63mm to cover a hole of Ø 54mm maximum.
- Outlet M1¼".
- Central screw.
- 30-year warranty.



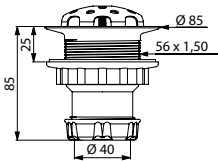
580000

Urinal waste	580000	£14.12
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Stall waste



- With integrated trap.
- With stainless steel inlet filter and polypropylene body.
- Outlet Ø 40mm with nut.
- 30-year warranty.



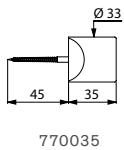
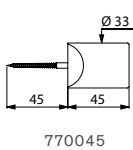
785000

Stall waste	785000	£44.58
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Corner wedge



- For TEMPOSTOP (ref. 777000) or TEMPOSOF 2 (ref. 778800) on corner-mounted urinals.
- 30-year warranty.

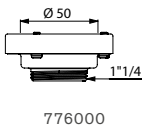


Corner wedge		
ALLIA Aubagne 3640, Satolas 43610	770045	£41.49
VILLEROY & BOCH Troja 7540		
IDEAL STANDARD Exposed 3874	770035	£41.49
JACOB DELAFON Coquille 2, 1516		
LAUFEN Como		
PORCHER Exposed 2651		

Urinal outlet



- Inlet Ø 50mm with compression seal.
- Outlet M1¼".
- Chrome-plated brass.
- 30-year warranty.

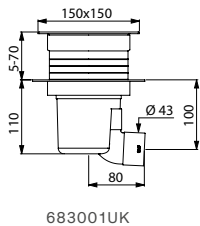


Urinal outlet	776000	£68.09
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Floor trap 150 × 150mm
For tiled or concrete floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel plate and grid 150 × 150mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 70mm with extension.
- 30-year warranty.

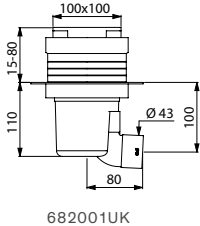


Floor trap 150 × 150mm	683001UK	£91.78
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Floor trap 100 × 100mm
For tiled or concrete floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel grid 100 × 100mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 80mm with extension.
- 30-year warranty.

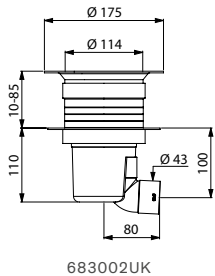


Floor trap 100 × 100mm	682001UK	£67.69
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Floor trap Ø 114mm
For soft or vinyl floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel grid Ø 114mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 85mm with extension.
- 30-year warranty.



Floor trap Ø 114mm	683002UK	£67.69
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DELABIE / Recommendations by type of urinal

Having selected a urinal brand and model, choose the associated water control equipment in the table below

Brand	Model	Reference	Connection	TIME FLOW CONTROLS						ELECTRONIC CONTROLS			
				Classic TEMPOSTOP	New TEMPOSTOP 3	Soft TEMPOSOFIT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC 4 batteries	TEMPOMATIC 4 mains supply	+ Neck tube	+ Trap Waste
ALLIA - SELLES - GEBERIT	AMIGO	03645	in-line	777000	703700	777800	-	771000	-	479410	-	-	771000
	AMIGO	03645	angled	778000	703800	778800	-	771000	-	479411	-	-	771000
	AGORA	83621	recessed	779128	-	-	-	-	-	-	-	-	-
	AUBAGNE 2	03639	in-line	777000	703700	777800	751000	517000	-	479410	-	751000	517000
	AUBAGNE 2	03639	angled	778000	703800	778800	751000	517000	-	479411	-	751000	517000
	AUBAGNE 2 CORNER	03639	in-line	777000 + 770045	703700	778000 + 770045	751000	517000	-	-	-	-	-
	BLAGNAC	03560	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	BLAGNAC 2	03580		777000	703700	777800	752000	-	777015	479410	-	752000	-
	BLAGNAC	03560	angled	778000	703800	778800 or 778755	752000	-	-	479412	-	-	-
	BLAGNAC 2	03580		778000	703800	778800 or 778755	752000	-	-	479412	-	-	-
	BLAGNAC	03570	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	BLAGNAC 2	03590		-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	MONTCEAU	07350	in-line	777000	703700	777800	756000	785000	-	479410	-	756000	785000
	MONTCEAU	07350	angled	778000	703800	778800	756000	785000	-	479411	-	756000	785000
	MONTCEAU	07350	recessed	779427 + 758021	-	-	-	785000	-	-	-	-	-
	MONTCEAU WALL-MTD	07390	in-line	777000	703700	777800	-	785000	-	479410	-	-	785000
	MONTCEAU WALL-MTD	07390	angled	778000	703800	778800	-	785000	-	479411	-	-	785000
	NOGENT 2	03629	in-line	777000	703700	777800	750000	517000	-	479410	-	750000	517000
	NOGENT 2	03629	angled	778000	703800	778800	750000	517000	-	479411	-	750000	517000
	NOGENT 2 CORNER	03629	in-line	777000 + 770045	703700	777800 + 770045	750000	517000	-	-	-	-	-
	ROISSY	0836411	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430006	430SBOX + 430010	752430	-
	ROISSY	0836410	recessed	-	-	778BOX + 778700	-	-	-	430PBOX + 430006	430SBOX + 430010	-	-
	SATOLAS CORNER	03610	in-line	-	-	-	-	-	777015 + 770045	-	-	-	-
	SATOLAS	03620	recessed	779128	-	-	-	-	-	-	-	-	-
	SATOLAS	03650	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	SATOLAS	03650	angled	777000	703700	777800 or 778755	752000	-	-	479412	-	-	-
	SATOLAS	03660	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
DELABIE	DELTA	134770 164770	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	DELTA	134170	in-line	777000	703700	777800	757162	-	-	479410	-	757162	-
	DELTA	134170	angled	778000	703800	778800 or 778757	757162	-	-	479414	-	-	-
	FINO	135710	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	FINO	135110	in-line	777000	703700	777800	757135	-	-	479410	-	757135	-
	FINO	135110	angled	778000	703800	778800 or 778759	757135	-	-	479413	-	-	-
	L STALL	130200 130210 130220	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	LP STALL	130300 130310 130320	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	Wall-mounted trough urinal	130100 130110 130120	exposed	-	-	-	-	-	-	-	487620	-	-

Having selected a urinal brand and model, choose the associated water control equipment in the table below

				TIME FLOW CONTROLS						ELECTRONIC CONTROLS			
Brand	Model	Reference	Connection	Classic TEMPOSTOP	New TEMPOSTOP 3	Soft TEMPOSOFT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC 4 batteries	TEMPOMATIC4 mains supply	+ Neck tube	+ Trap Waste
DURAVIT	ARCHITEC	82037	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
		81737 81937	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
		81737 81937	angled	778000	703800	778800 or 778755	752000 -	-	-	479411 or 479412	-	752000 -	-
	BEN	84737	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
		84737	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
		84737	angled	778000	703800	778800 or 778755	752000 -	-	-	479411 or 479412	-	752000 -	-
	BILL	85135	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	DURAPLUS	83036	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	DURASTYLE	280630	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
		280430		-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	D-CODE	82830066 82830067	in-line	777000	703700	777800	-	-	-	479410	-	-	-
		82830066 82830067	angled	778000	703800	778800	-	-	-	479411	-	-	-
		82930	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	FIZZ	82336	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	JIM	85035	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
		85035	angled	778000	703800	778800 or 778755	752000	-	-	479411 or 479412	-	752000 -	-
	RIMLESS	281530	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
		281530	angled	778000	703800	778800	752000	-	-	479411 or 479412	-	752000 -	-
	STARCK	82135 83432	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
		82725		-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
		82235	angled	778000	703800	778800 or 778755	752000 -	-	-	479411 or 479412	-	752000 -	-
		826250066 826250067	in-line	777000	703700	777800	-	-	-	479410	-	-	-
		826250066 826250067	angled	778000	703800	778800	-	-	-	479411	-	-	-
		826250066 826250067	angled	778000	703800	778800	-	-	-	479411	-	-	-
	VERO	280032	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	THUN	280430	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
		280530	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
		280580	angled	778000	703800	778800 or 778755	752000 -	-	-	479411 or 479412	-	752000 -	-
	STRUKTURA	EZA022	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
J. DELAFON	STALLE WALL-MTD 2	EN498	in-line	777000	703700	777800	-	785000	-	479410	-	-	785000
	COQUILLE 2	E1519	in-line	777000	703700	777800	754524	517000 580000	-	479410	-	754524	517000 580000
	COQUILLE 2	E1519	angled	778000	703800	778800	754524	517000 580000	-	479411	-	754524	517000 580000
	ODEON	E1147	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	PATIO	E1545 E1546	in-line	779000	-	-	-	-	-	479410	-	-	-
	PATIO	E1548	recessed	-	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-

DELABIE / Recommendations by type of urinal

Having selected a urinal brand and model, choose the associated water control equipment in the table below

Brand	Model	Reference	Connection	TIME FLOW CONTROLS						ELECTRONIC CONTROLS			
				Classic TEMPOSTOP	New TEMPOSTOP 3	Soft TEMPOSOFT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC 4 batteries	TEMPOMATIC 4 mains supply	+ Neck tube	+ Trap Waste
LAUFEN	CAPRINO	842061	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	CAPRINO	842062	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	CAPRINO	842062	angled	778000	703800	778800 or 778755	752000 -	-	-	479412	-	-	-
PORCHER - IDEAL STANDARD	EXPOSED	P2641	in-line	777000	703700	777800	753000	517000 580000	-	479410	-	753000	517000 580000
	EXPOSED	P2641	angled	778000	703800	778800	753000	517000 580000	-	479411	-	753000	517000 580000
	EXPOSED CORNER	P2651	in-line	777000 + 770035	-	777800 + 770035	753000	517000 580000	-	-	-	-	-
	AXIF	P2681	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	AXIF	P2681	angled	778000	703800	778800 or 778755	752000 -	-	-	479412	-	-	-
	AXIF CONNECT	P2682 E8166	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	AXIF +	E5706	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	AXIF +	E5706	angled	778000	703800	778800 or 778755	752000 -	-	-	479412	-	-	-
	AXIF +	E5705	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	CONQUE	P9870	in-line	777000	703700	777800	-	517000	-	479410	-	-	517000
	CONQUE	P9870	angled	778000	703800	778800	-	517000	-	479411	-	-	517000
	HYGIENIQ	S6123	in-line	777000	703700	777800	-	-	-	479410	-	-	-
	HYGIENIQ	S6123	angled	778000	703800	778800	-	-	-	479411	-	-	-
	STALL STELLA 3	J5137	in-line	777000	703700	777800	-	785000	-	479410	-	756230	785000
	STALL STELLA 3	J5137	angled	778000	703800	778800	-	785000	-	479411	-	756230	785000
ROCA	MINI	353145000	in-line	777000	703700	777800	752000	771000	-	479410	-	752000	771000
	MINI	353145000	angled	778000	703800	778800 or 778755	752000 -	771000	-	479412	-	-	771000
	WALL-MTD	353330001	in-line	779000	-	-	759000	-	-	479410	-	752000	-
	HALL	A353623000	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	SITE	A359605000											
	SPUN	A353147000 A353148000											
	SITE	A359607000	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	SPUN	A353149000											
	SITE	A359607000											
SPHINX	EUROBASE	75	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	EUROPA	85											
	EUROBASE	75	angled	778000	703800	778800 or 778755	752000 -	-	-	479412	-	-	-
	EUROPA	85											
	EUROBASE	70	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	EUROPA	80											
	ANTIBES	-											
	EUROPA	55	in-line	779000	-	-	759000	776000	-	479410	-	752000	776000

Having selected a urinal brand and model, choose the associated water control equipment in the table below

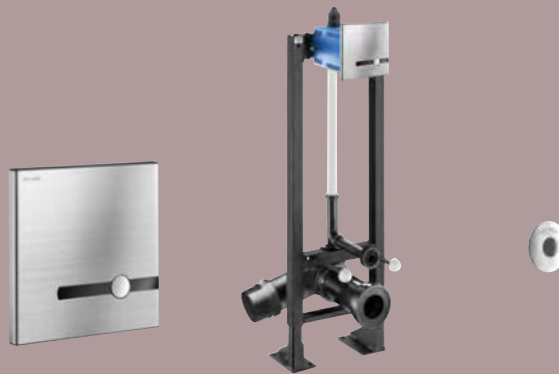
Brand	Model	Reference	Connection	TIME FLOW CONTROLS						ELECTRONIC CONTROLS			
				Classic TEMPOSTOP	New TEMPOSTOP 3	Soft TEMPOSOF TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC 4 batteries	TEMPOMATIC4 mains supply	+ Neck tube	+ Trap Waste
VILLEROY & BOCH	O.NOVO	7502	in-line	779000	-	-	759000	-	-	479410	-	752000	-
	TARGA PRO	7502											
	TARGA ARCHITECT.	5573											
	TARGA CLASSIC	7526											
	ARCHI- TECTURE	5586	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	TARGA PRO	7503											
	TARGA CLASSIC	7507 7527 7557											
	TARGA COMPACT												
	O.NOVO	7513											
	SUBWAY	7519											
	O.NOVO	7504	in-line	779000	-	-	759000	776000	-	479410	-	752000	776000
	TARGA PRO												
	O.NOVO	7508	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
	TARGA PRO												
	O.NOVO	7508	angled	778000	703800	778800 or 778755	752000 -	-	-	479412	-	-	-
	TARGA PRO												
	LOSANGE TARGA PRO	7530	in-line	777000	703700	777800	751753	517000 580000	-	-	-	-	-
	LOSANGE TARGA PRO	7530	angled	778000	703800	778800 or 778755	751753 -	517000 580000	-	-	-	-	-
VITRA	ARKITEKT	6202	in-line	777000	703700	777800	752000	-	777015	479410	-	752000	-
		S50											
		5330-1069											
	ARKITEKT	6202	angled	778000	703800	778800	752000	-	-	479412	-	-	-
		S50											
		5330-1069											
	ARKITEKT	6563	in-line	779000	-	-	759000	-	-	479410	-	752000	-
		S20											
		5462-1069											
	ARKITEKT	6201	recessed	-	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
		S20											
		5462-0309											
	MATRIX	5128	recessed	779128 + 758035	-	-	-	-	-	-	-	-	-
	RETRO	5218											



WCs with direct flush systems: Valves and frame systems without cisterns

SOLUTIONS FOR
CISTERN-LESS
FLUSH WC SYSTEMS
193

ELECTRONIC
FLUSH VALVES
AND FRAME SYSTEMS
203



TIME FLOW
FLUSH VALVES
AND FRAME SYSTEMS
217



ADDITIONAL
FITTINGS
232





TEMPOFIX 3 frame system with TEMPOMATIC dual control electronic direct flush system **564005DE + 464000** - BCN S wall-hung WC **110112**
Slimline toilet seat lid **102419** - Toilet brush set **4051P** - Toilet roll holder **510083P**

DIRECT FLUSH SYSTEMS, WITHOUT CISTERNS: A PUBLIC WASHROOM REVOLUTION

Not suitable for intensive use, WCs with cisterns were designed for domestic use and are a source of recurring problems in public buildings.

Susceptible to scale build-up, and noisy, they encourage the proliferation of bacteria and pose a permanent risk of leaks when used in public and commercial environments.

Performing efficiently and designed for intensive use, **the direct flush WC is the only toilet installation that is built for public and commercial buildings.**

Since there is no cistern, the direct flush WC system prevents **water stagnation** as well as the build up of scale or impurities in the installation. It is, therefore, much more hygienic than WCs with a cistern, preventing the risk of bacterial development, and ensuring complete comfort for the user thanks to its **highly efficient flush.**

It connects directly to the water system, so there is no refill time, and the flush can be activated without having to wait for the cistern to fill. Perfect for **successive uses**, the WC direct flush system also has an **impressively short rinse time** (just a few seconds). Say goodbye to noisy toilets!

Developed specifically for use in public buildings, and compliant with new environmental regulations, **direct flush provides the best combination of quality/durability/price for this type of environment.**

Aware that new consumption trends linked to eco-responsibility issues have a major impact on public places, such as the service sector, DELABIE has designed a **range of direct flush systems which allow optimised water consumption** and which are also eligible for the highest levels of ecological accreditation such as BREEAM, LEED and HQE.

By removing the need for a cistern - the primary source of leaks in WCs - direct flush also reduces the waste of domestic cold water.



TEMPOMATIC

Satin stainless steel, dual control
Ref.: 464000



TEMPOMATIC

Matte black, dual control
Ref.: 464050



TEMPOMATIC

Satin stainless steel, electronic
Ref.: 465000



TEMPOMATIC

Matte black, electronic
Ref.: 465050



TEMPOFLUX 3

Black glass, 3L/6L
Ref.: 763030



TEMPOFLUX 3

Satin stainless steel, 3L/6L
Ref.: 763000



TEMPOFLUX 3

Chrome-plated metal, 3L/6L
Ref.: 763040



TEMPOFLUX 3

Chrome-plated metal, 6L
Ref.: 763041

WCS IN PUBLIC AND COMMERCIAL BUILDINGS: 7 REASONS TO SAY GOODBYE TO CISTERNS

Exceptional water savings: no more waste

DELABIE's direct flush WC **optimises water consumption**.

This system reduces the risk of leaks considerably, unlike cisterns which are the largest source of wasted water and which result in significant water bills.

For example, **a small leak from a cistern can lead to a loss of 220m³ of water** a total cost of £675 per year (cost per m³ for cold water: £3.08, source: Thames Water website thameswater.co.uk).

Therefore, direct flush prevents this unnecessary consumption.

Some DELABIE direct flush systems have a 3L/6L dual flush which can be adjusted to 2L/4L, to meet the requirements of environmental labels (see [page 8](#)).

DELABIE has developed an **"automatic intelligent flush"** programme which determines the need for a smaller or larger flush volume depending on use. This allows the correct consumption of water according to need and **prevents waste** while guaranteeing optimal cleanliness.



Limited and simplified maintenance

Designed for domestic use, cisterns have fragile mechanisms. Conversely, direct flush systems are **specifically designed for public and commercial places**. Perfectly able to withstand intensive use as well as vandalism, it is essential for public washrooms.

DELABIE mechanisms are **extremely robust**.

Subjected to endurance tests, they are able to withstand over **500,000 operations**. The battery lifespan, for battery-operated versions, is 3 to 6 years depending on the frequency of use, i.e. approximately **350,000 uses**.

Maintenance on DELABIE products is, therefore, **infrequent** and is also **easy to undertake**. Maintenance access is from the front.

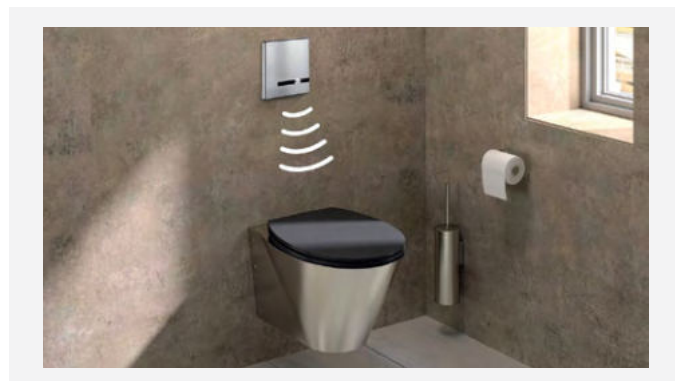


Hygiene

Connected directly to the water system, **direct flush operates without a cistern**. Therefore there is no water stagnation which also prevents impurity deposits and bacterial development. Direct flush guarantees **total hygiene**.



DELABIE electronic flush systems for WCs prevent the spread of germs by hand thanks to their **touch-free control**. Also equipped with a **hygienic duty flush programme**, they renew the water in the pipework if not used for prolonged periods to limit bacterial development.



Available immediately

With direct flush **there is no need to wait** for the cistern to refill before flushing again.

Directly connected to the water system, **the flush is always available, even for successive flushes**. It is, therefore, particularly suited to **intensive use** in public places.



Space saving

Thanks to the **absence of a cistern**, direct flush allows **significant space saving**. DELABIE frame systems are also very compact, which is a real advantage for buildings seeking to optimise space.

**Efficiency**

Connected directly to the water system, direct flush **uses the system's water pressure** to flush the WC pan. As a result, the **flush is more powerful and more effective** than a cistern flush. Direct flush guarantees optimal cleanliness.

**Wide, design-led range**

At DELABIE, aesthetics play a major role in product development. The design must be able to **adapt to any type of environment**, as well as being both durable and reliable. This is why DELABIE offers a **wide range of WC valves**: electronic, time flow, exposed, recessed, cross wall and with or without a frame system. A variety of finishes are also available (satin, chrome, matte black or even black glass). This wide range of DELABIE solutions allows all the requirements of public and commercial buildings to be met.

**SIZING HORIZONTAL FINAL PIPEWORK**

DTU update (August 2013)

Simultaneous use

The DTU (*Unified Technical Document*) provides the **special calculation method for direct flush valves**.

The operating time is very short (a few seconds long) and there is no refill time.

So the calculations for pipe diameters for direct flush systems are not made in the same way as for cistern flush systems.

The DTU recommends the following method for direct flush valves:

Number of valves installed	Number of valves used simultaneously
3 valves	1 valve
4 to 12 valves	2 valves
13 to 24 valves	3 valves
25 to 50 valves	4 valves
> 50 valves	5 valves

CISTERN-LESS FLUSH WC SYSTEMS: A RAPID RETURN ON INVESTMENT

WCs with cisterns are still often installed in public places, in particular, because the initial investment may seem lower. However, the initial saving ultimately turns out to be very costly, very quickly.

The many advantages of the WC direct flush system - improved hygiene, fewer leaks, water savings, reduced maintenance and easy servicing - very quickly make the product better value.

By switching to a direct flush system, gains can be made on several levels:

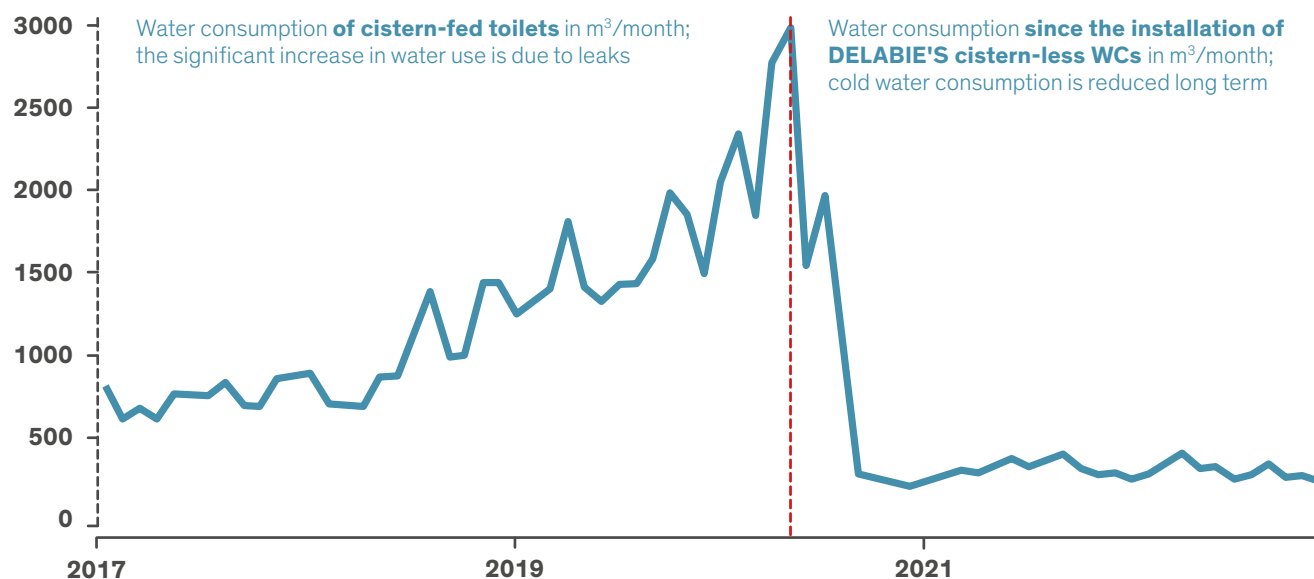
- **No more water leaks** (which can reach 220m³ per year per WC).
- **Fewer maintenance interventions:** there are multiple components that need to be changed regularly on cistern-flush systems such as: fragile mechanisms which cannot withstand scale, control plates that break since they are not designed for intensive use or vandalism, etc.
Direct flush valves are equipped with scale and shock-resistant mechanisms with 30-year warranties.
- **Labour costs are reduced** as less servicing is required to repair leaks or carry out maintenance.

Many retirement homes, care facilities, student accommodation, etc. are currently fitted with cistern-flush WCs, because these facilities are associated with a residential setting. However, even if the users are resident for long periods, they are still **public buildings** with the same needs as any other public building: water savings, resistance to frequent use, easy to install and maintain, etc.

Example: a retirement home with 300 beds.

The retirement home in the example below replaced 300 standard cistern-fed toilets with DELABIE'S cistern-less flush systems. In addition to the elevated water consumption, the previous installation required:

- Changing the mechanisms every 3 years.
- 2 hours of maintenance required per day to repair leaking cisterns.



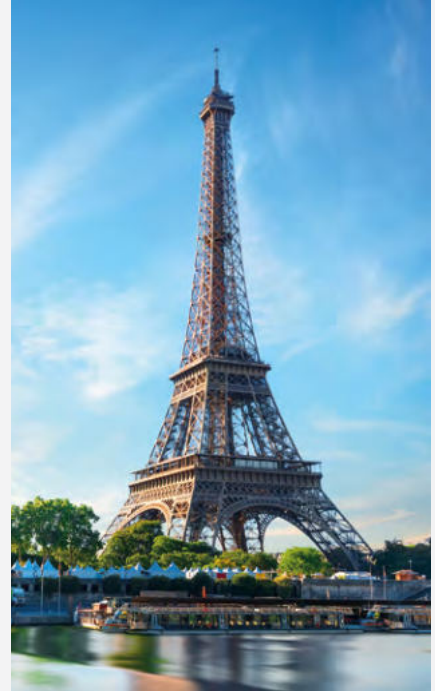
PROJECTS FEATURING DELABIE'S DIRECT FLUSH



Louvre Museum - Lens



Stadium - Toulouse



The Eiffel Tower - Paris



Jussieu University Campus - Paris



Charles de Gaulle Airport - Paris



Swales Superlab - Oxford
Photo credits: ©Robin Swales Design



Local Education Authority - Lille
Photo credits: ©Vincent Plutniak



Bercail Hotel - Wambrechies



Gravity Tower - Hong-Kong
Photo credits: ©Lagranja design + MLA Architects, Eulalia Castells



Bordet Hospital - Belgium
Photo credits: ©Roel Wijnen



Palais de justice (courthouse) - Paris
Photo credits: ©DELABIE

CISTERN-LESS FLUSH IS DESIGNED FOR INTENSIVE USE IN PUBLIC AND COMMERCIAL PLACES



CISTERNS ARE DESIGNED FOR DOMESTIC USE, LESS INTENSIVE USE



ADVANTAGES OF CISTERN-LESS FLUSH**Exceptional water savings**

- Thanks to the direct connection onto the pipework without any intermediary, there is no need for a fragile mechanism.
- The risk of leaks is eliminated with this system.
- On electronic versions, an intelligent flush programme determines the optimal flush volume for perfect cleaning and reduced water consumption.

Hygiene

- The flush connects directly to the water system.
- No cistern: no water stagnation or bacterial development.
- Flushes automatically, without manual contact.
- Pipework flushes daily to prevent bacterial proliferation in the water system.

Immediate availability

- Possible to use for successive flushes without having to wait between 2 uses.
- An essential feature for periods of high traffic (e.g. motorway service stations, stadiums, concert venues, schools).

Limited and simplified maintenance

- Specifically designed for frequent use, direct flush mechanisms are durable (up to 500,000 operations) and resistant (scale-resistant mechanisms).
- Maintenance is, therefore, infrequent and the mechanism is easy to access from the front when necessary.
- 30-year warranty.

Powerful and effective flush

- Uses the pressure in the pipework to rinse the pan.
- Thanks to the powerful flush, cleaning is effective and guarantees a clean WC pan.

Space saving

- With no cistern, the frame systems with direct flush valves are more compact and can save several m² in a building.
- This space saving can optimise the profitability of a project when the price per m² is high.

DISADVANTAGES OF CISTERNS**Leaks and overconsumption of water**

- Plastic mechanisms inside the tank are constantly submerged and, therefore, sensitive to scale build-up.
- They are the cause of frequent water leaks which are often invisible and inaudible and therefore detected late.
- Cisterns are the main source of wasted water. For example, a small leak from a cistern can cause a loss of 220m³ of water which equates to £675 per year.

Hygiene problems

- Cistern: up to 9L of stagnant water at ambient temperature which encourages bacterial development.
- Bacteria can spread throughout the hydraulic installation.
- Bacteria can be projected through the air via the flush plume and inhaled by the user.

Waiting time

- The cistern has to refill between each use, which may take up to 1 minute.
- In the event of a leak (even minimal), the tank may fail to fill and cause inconvenience, leading to vandalism by users.
- Successive flushes are not possible.

Frequent maintenance and difficult to access

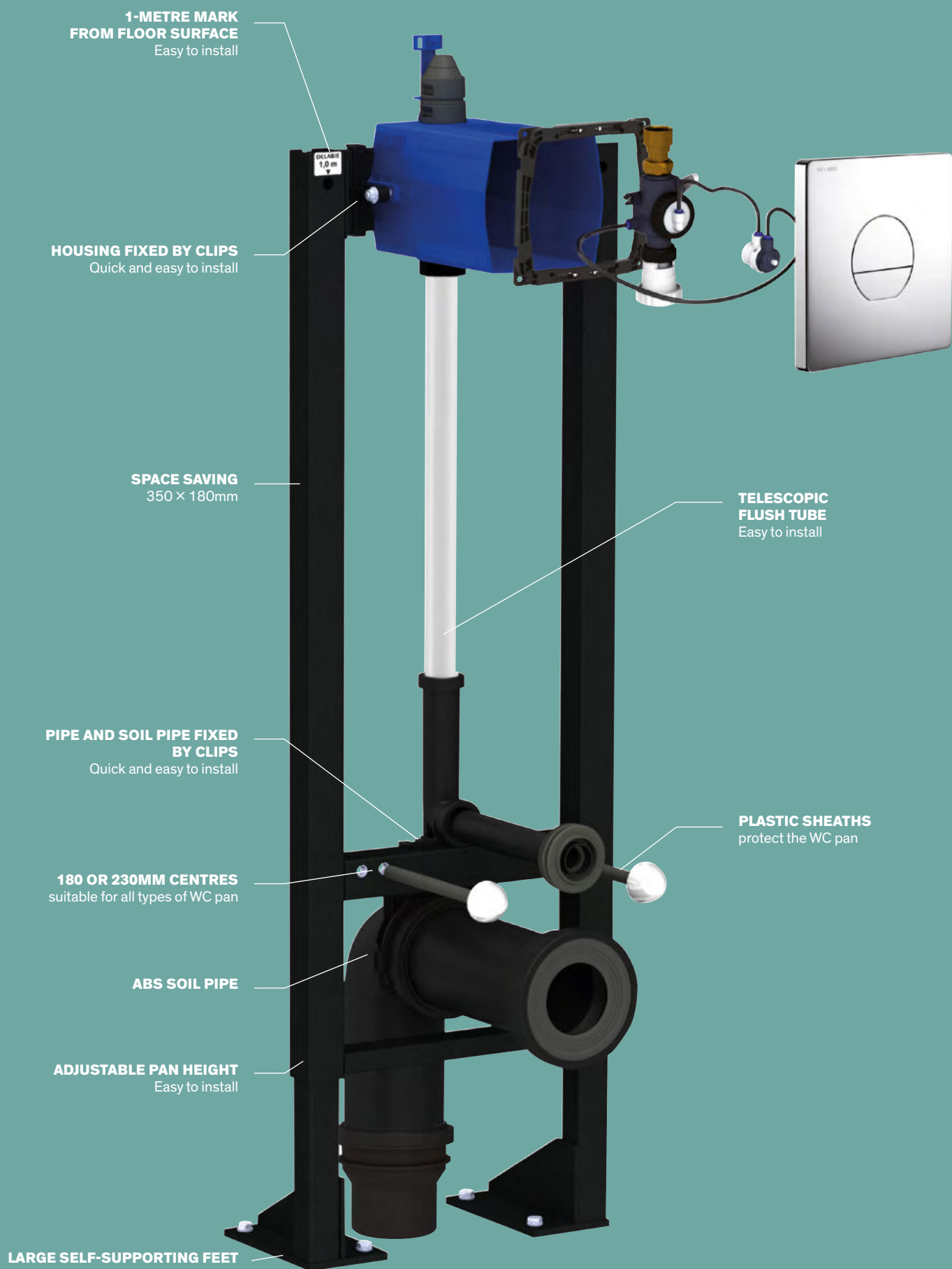
- Not designed for intensive use, the cistern's fragile mechanism is not very durable and must be changed regularly.
- Dismantling and access to the mechanism is difficult, and the bottom of the cistern is inaccessible.
- Control plates need to be replaced frequently to compensate for careless use in public places.

Ineffective flush

- The water drop between the cistern and the WC pan is only a few centimetres.
- The flush force is not powerful enough for effective cleaning.

Large footprint

- Frame systems with cisterns take up more space and use more floor space.



WHAT ARE THE ADVANTAGES OF A TEMPOFIX 3 FRAME SYSTEM IN PUBLIC AND COMMERCIAL PLACES?

Easy to install

Installation and commissioning time should be taken into account when determining the total product cost, especially when installing a large number of products in public and commercial places.

The **TEMPOFIX 3** frame system is delivered **pre-mounted**. The remaining components (flush tube, housing and soil pipe) are assembled by clipping into place. **It is quick and easy to install.**

When fixing the **self-supporting** TEMPOFIX 3 version of the frame system, the floor quality is the main criteria: the concrete floor should withstand a minimum load of 350kg/m³.

It is possible to install on non-load bearing floors (parquet, floors with underfloor heating, etc.) thanks to the wall-mounted model which is fixed to load-bearing walls.

DELABIE recommends a 25mm minimum wall thickness + tiling (= 2 × ½" wall boards or 1 × 1" wall board).

Easy to adjust

Adjusting the pan height is simple: a mark indicates the "1-metre" point from the finished floor level on the frame system.

Vandal-resistant

The structure of DELABIE's frame system is made from powder-coated steel. Its design provides it with an unrivalled resistance to deformation.

The French standard NF D12-208 requires that frame systems flex no more than 5mm when subjected to a uniformly distributed load of 400kg.

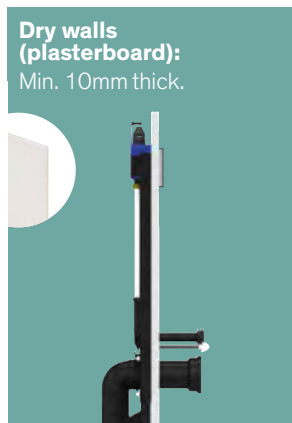
The TEMPOFIX 3 withstands 400kg loads and therefore meets this requirement.

It is delivered with large stable feet (for self-supporting installation) or with wall fixings (for wall-mounted installation). All of DELABIE's flush system control plates and wall plates are mounted to the supporting surface manually (via concealed fixings). This gives greater durability and prevents unwanted removal.

Optimised for stocking

Reduced frame weight and product packaging save space for storage and are an advantage for being kept on construction sites.

TEMPOFIX 3 and its innovative waterproof housing, ONE SINGLE PRODUCT for wall depths of 10 - 120mm



Advantages of wall-hung WCs

The height of the pan can be adjusted to suit the needs of the user, from children to people with reduced mobility.

A wall-hung WC allows easy access to clean the floor below the WC pan.

Space saving

On average the TEMPOFIX 3 takes up **30% less space** than other frame systems on the market. It is one of the most compact frame systems.

With no need for a cistern, it can be installed in the tightest of places such as service ducts.

The wall-anchoring bolts enable two TEMPOFIX 3 frame systems to be fixed back-to-back in a communal service duct (in Ladies and Gents toilets for example) without the need for a partition wall.

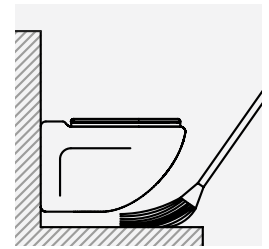
Products suited to the needs of public and commercial places

Increasingly in public and commercial places, plasterboard walls are being replaced by gypsum blocks, brick, or even cinder blocks in order to improve the durability of the installations.

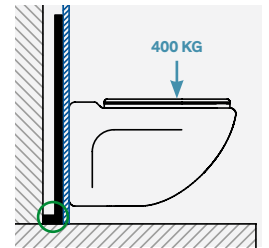
The TEMPOFIX 3, equipped with a new recessed waterproof housing, functions electronically (TEMPOMATIC dual control and Connect) or with timed flow (TEMPOFLUX 3), and one model can **adjust to any type of wall finish from 10 - 120mm.**

DELABIE has developed its range of TEMPOFLUX 2 direct flush valves, offering extended versions of the valves and frames so that they can be adjusted to **thicker walls up to 130mm.**

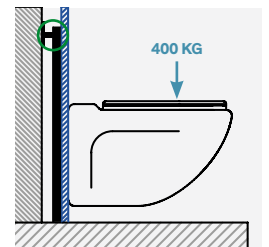
Such an innovative installation would prove difficult to achieve with cisterns.



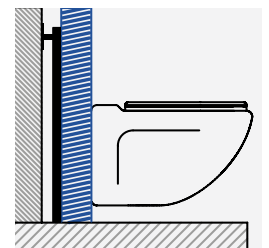
Easy to clean



Self-supporting TEMPOFIX 3



Wall-mounted TEMPOFIX 3



TEMPOFIX 3 for thick walls



TEMPOMATIC recessed matte black dual control electronic flush system **464SBOX + 464050** - 700 S wall-hung WC **110710BK**
Slimline black toilet seat lid **102819** - Wall-mounted toilet brush set with lid **4051BK** - Toilet roll holder **511966BK**



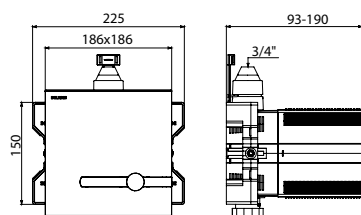
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** automatic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** voluntary activation (push-button) or automatic flush (without contact)
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

TEMPOMATIC dual control

Recessed electronic direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Battery-operated with CR123 6V Lithium batteries** or **230/6V mains supply** (cable and transformer supplied).
- **Satin finish stainless steel or matte black control plate 186 × 186mm** and chrome-plated metal button **with integrated electronics.**
- **Control plate fixed manually via concealed screws.**
- **Recessed waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, activation and electronic unit are all integrated and accessible from the front.
 - TEMPOMATIC F¾" flush valve is compatible with sea water, rain water and grey water.
 - Vacuum breaker inside the housing.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- Shock-resistant infrared presence detection sensor.
- **Presence detection delay: 10 seconds.**
- **Two activation modes:**
 - **Touch-free:** the flush operates automatically after each user leaves, ensuring the bowl is rinsed between each user.
 - **By pressing on the anti-blocking push-button.** The flush will activate even if the power supply fails.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use
 - 3L "short" usage, 6L "long" usage - (can be adjusted to 2L/4L or 5L/9L).
- **3 programmes** (rinse volume can be set according to type of WC pan).
- **Hygienic duty flush,** every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- Outlet connection for PVC tube Ø 26/32mm.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans.
- Suitable for people with reduced mobility.
- 30-year warranty.



464PBOX + 464006



Awards:

**Product currently under development.*

TEMPOMATIC recessed WC dual control flush valve in a waterproof housing

Satin finish stainless steel control plate

6V battery-operated	464PBOX + 464006	£180.17 £570.55
230/6V mains supply	464SBOX + 464000	£180.17 £600.59

Matte black stainless steel control plate

6V battery-operated	464PBOX + 464056*	£180.17 £600.09
230/6V mains supply	464SBOX + 464050*	£180.17 £630.13

We recommend a flush tube (see page 232)



TEMPOFIX 3 WC frame system with TEMPOMATIC dual control electronic direct flush valve 564005DE + 464000 - Toilet brush set 4051C - Toilet roll holder 511966C



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted, clip into place assembly
- **Hygiene:** automatic flush, no cistern: no water stagnation (reduces bacterial development)

TEMPOFIX 3 with TEMPOMATIC dual control

Frame system with electronic WC flush valve



- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Recessed waterproof housing.
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connector, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 10 - 120mm.**

Available in 2 versions:

Self-supporting frame system with large feet to fix to load-bearing floors.
Wall-mounted frame system to fix to load-bearing walls.

Fitted with TEMPOMATIC dual control F¾" electronic direct flush valve:

- **Flush system without cistern:** directly connected to pipework.
- **Battery-operated** with CR123 6V Lithium batteries or 230/6V **mains supply** (cable and transformer supplied).
- **Control plate in satin finish stainless steel or matte black finish.** 186 × 186mm with chrome-plated metal button and integrated electronics.
- **Control plate fixed manually via concealed screws.**
- **Presence detection delay: 10 seconds.**
- **Two activation modes:**
 - **Touch-free:** the flush operates automatically after each user leaves, ensuring the bowl is rinsed between each user.
 - **By pressing on the anti-blocking push-button.**
The flush will activate even if the power supply fails.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use
 - 3L "short" usage, 6L "long" usage - (can be adjusted to 2L/4L or 5L/9L).
- **Hygienic duty flush,** every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- **3 programmes** (flush volume can be set according to type of WC pan).
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Compatible with sea water, rainwater and grey water.
- Suitable for people with reduced mobility.
- 30-year warranty.

**Product currently under development.*

TEMPOFIX 3 WC frame system with TEMPOMATIC dual control

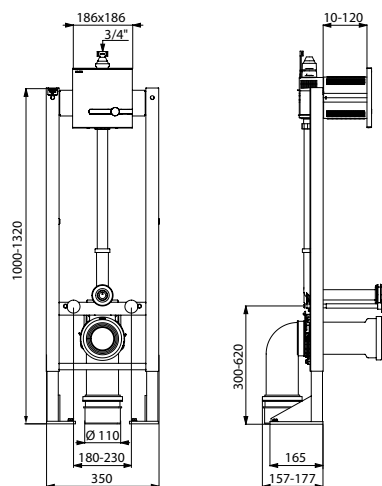
Satin finish stainless steel control plate

Self-supporting model - 6V battery-operated	564065DE + 464006	£435.99 £570.55
Self-supporting model - 230/6V mains supply	564005DE + 464000	£435.99 £600.59
Wall-mounted version - 6V battery-operated	564060DE + 464006	£390.10 £570.55
Wall-mounted version - 230/6V mains supply	564000DE + 464000	£435.99 £600.59

Matte black stainless steel control plate

Self-supporting model - 6V battery-operated	564065DE + 464056*	£435.99 £600.09
Self-supporting model - 230/6V mains supply	564005DE + 464050*	£435.99 £630.13
Wall-mounted version - 6V battery-operated	564060DE + 464056*	£390.10 £600.09
Wall-mounted version - 230/6V mains supply	564000DE + 464050*	£435.99 £630.13

Options: wall fixings, sleeve connector and kit for accessible WCs (see page 233)



564065DE + 464006

TEMPOMATIC DUAL CONTROL RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

Modular

DELABIE's recessed housing can be attached from the sides, front or back, to be fixed to **plasterboard rails**, **load-bearing walls** or even **thin panels**. The installation is therefore modular, and adapts to suit any project.



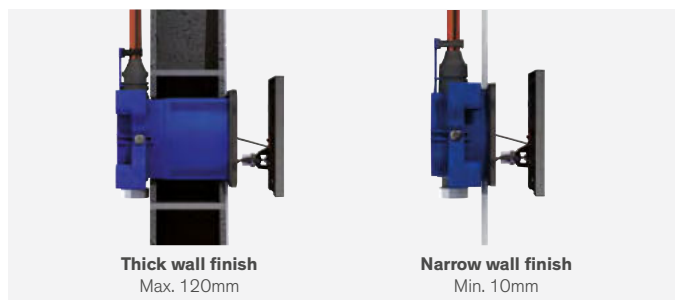
Plasterboard rails

Solid walls

Panels

Adaptable

The ideal positioning of the collar allows the housing to be cut to size lengthwise depending on the wall thickness, whilst still guaranteeing a complete waterproof seal. **The housing adapts to all wall depth requirements, thick or thin, from 10 to 120mm.**



Thick wall finish
Max. 120mm

Narrow wall finish
Min. 10mm

Quick and easy to install

The TEMPOMATIC dual control can be connected to standard pipework or "pipe in pipe". The hydraulic connection is made from the outside of the housing.

During the installation, the electronic unit is replaced by a temporary cap to **flush the system safely**, without damaging the technical elements.



Electronic unit

Temporary cap

Water savings

DELABIE has developed an **"intelligent" rinse function** in the automatic mode. The system can distinguish between the need for a short rinse (2 to 3 litres) or a longer flush (4 to 6 litres).

100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system). **It is completely waterproof without silicone.** Any condensation is evacuated via the plate. **The wall stays intact throughout.**



Collar with integrated waterproof seal

Resistant to intensive use and vandalism

The control plate, made from stainless steel (in a satin or matte black finish) will withstand even the most extreme handling. Its fixings are concealed and its streamlined design prevents unwanted removal. To prevent abuse or waste in the voluntary mode, the TEMPOMATIC dual control is fitted with an **AB anti-blocking system**. This security feature prevents the valve from being blocked in the open position. The flush takes place only when the push-button is released.

Minimal servicing and simple to maintain

Maintenance is carried out from the front by simply removing the control plate. The technical elements are accessible and the component parts come **pre-assembled**.

An **LED** indicates when the **batteries need to be replaced**. They are integrated into the control plate, and can be replaced **without shutting off the water supply or removing the valve**.

The **vacuum breaker** is located inside the housing.

In case of backflow, the water will evacuate in front of the wall via the housing, and not behind (or into) the wall.

The TEMPOMATIC dual control is compatible with sea water, rain water and grey water.

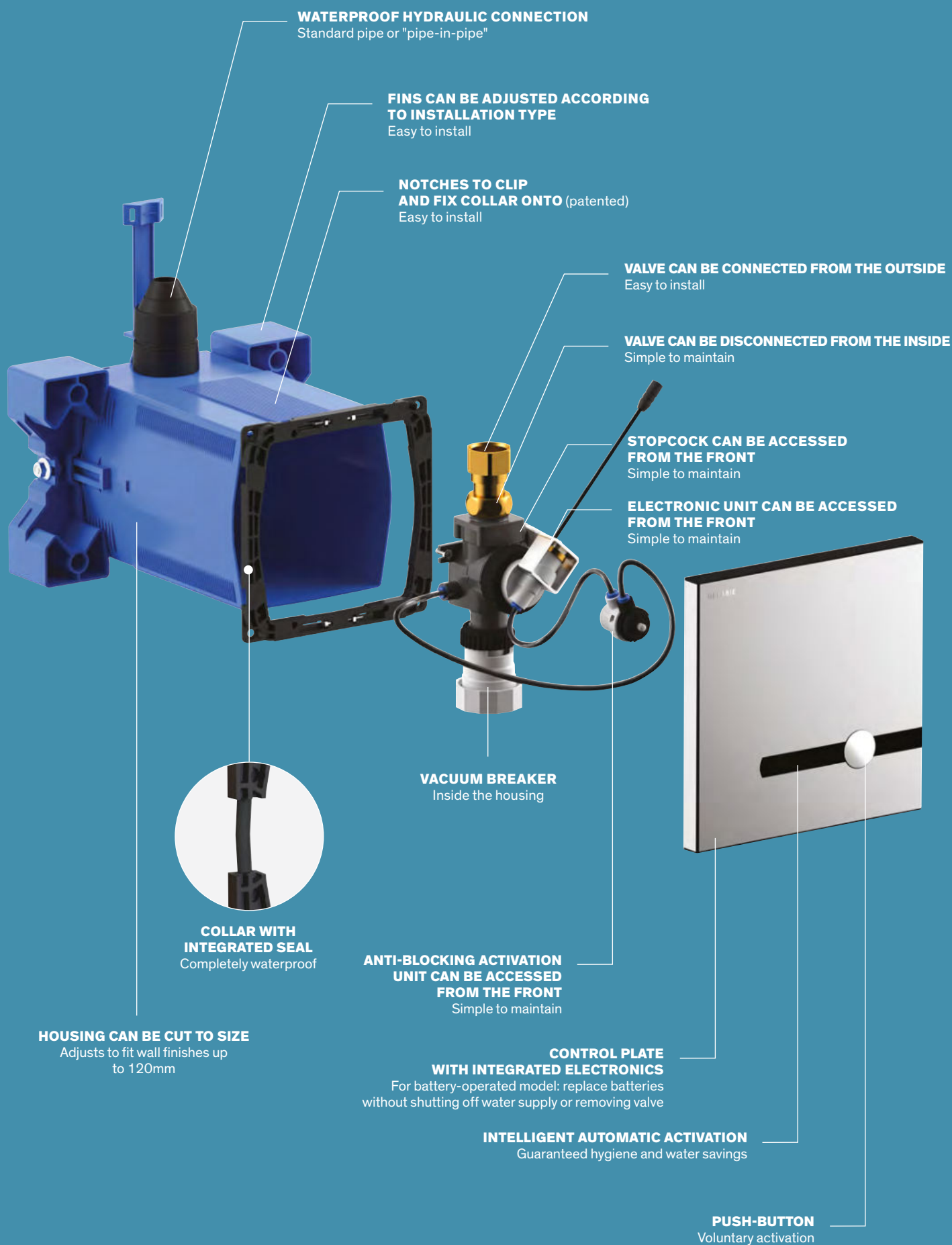
Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

Hygiene

The TEMPOMATIC **dual control** flush can be activated **voluntarily** via the push-button, or **automatically** once the user leaves. This ensures a rinse between each user, guaranteeing permanent hygiene for the WC pan and improved cleanliness in public washrooms. The **duty flush** prevents bacterial proliferation and ensures that the pipework is flushed every 24 hours when not in use.

Design

The TEMPOMATIC dual control plate has a **timeless design**, available in satin finish stainless steel or matte black, with a chrome-plated metal push-button. Thanks to its **sleek lines**, it fits perfectly in any type of public and commercial building. Its smooth surface limits the build-up of dirt and facilitates cleaning.



WATERPROOF HYDRAULIC CONNECTION
Standard pipe or "pipe-in-pipe"

FINS CAN BE ADJUSTED ACCORDING TO INSTALLATION TYPE
Easy to install

NOTCHES TO CLIP AND FIX COLLAR ONTO (patented)
Easy to install

VALVE CAN BE CONNECTED FROM THE OUTSIDE
Easy to install

VALVE CAN BE DISCONNECTED FROM THE INSIDE
Simple to maintain

STOPCOCK CAN BE ACCESSED FROM THE FRONT
Simple to maintain

ELECTRONIC UNIT CAN BE ACCESSED FROM THE FRONT
Simple to maintain

VACUUM BREAKER
Inside the housing

COLLAR WITH INTEGRATED SEAL
Completely waterproof

ANTI-BLOCKING ACTIVATION UNIT CAN BE ACCESSED FROM THE FRONT
Simple to maintain

HOUSING CAN BE CUT TO SIZE
Adjusts to fit wall finishes up to 120mm

CONTROL PLATE WITH INTEGRATED ELECTRONICS
For battery-operated model: replace batteries without shutting off water supply or removing valve

INTELLIGENT AUTOMATIC ACTIVATION
Guaranteed hygiene and water savings

PUSH-BUTTON
Voluntary activation

CISTERN-LESS
WCs

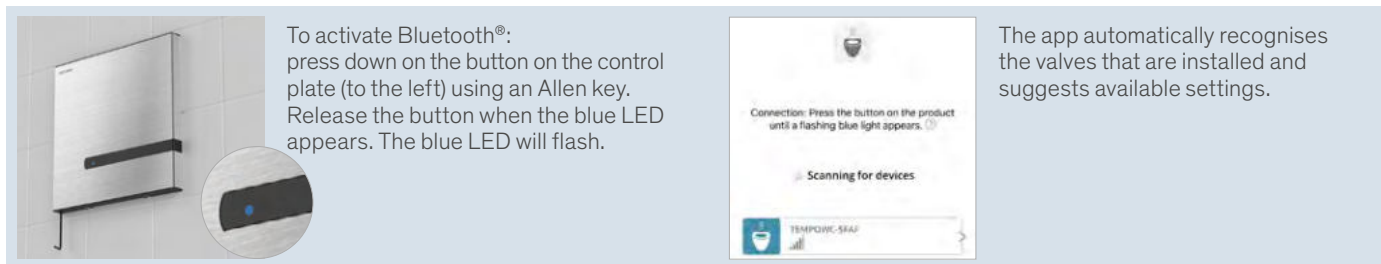
TEMPOMATIC CONNECT: A PREMIUM CONNECTED WC FLUSH

DELABIE Connect App

TEMPOMATIC Connect can be adjusted using the app.

With the DELABIE Connect app, configuring the TEMPOMATIC Connect is quick and easy using a smartphone or tablet:

- Simple adjustment of the settings,
- Download usage statistics,
- Copy selected settings from one valve to another,
- Technical support.

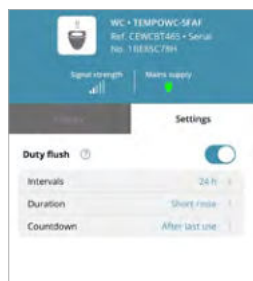


To activate Bluetooth®: press down on the button on the control plate (to the left) using an Allen key. Release the button when the blue LED appears. The blue LED will flash.

The app automatically recognises the valves that are installed and suggests available settings.

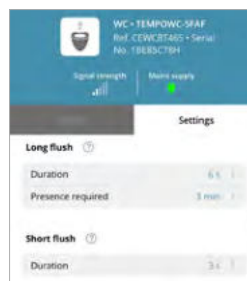
CHANGING SETTINGS

At DELABIE quick and easy installation is a priority. Setting up flush valves can take a significant amount of time during installation. The settings in the app are, therefore, simple and intuitive.



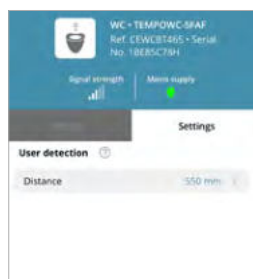
A **duty flush** is a purge of the pipework to prevent the development of bacteria. It is possible to choose:

- The intervals between flushes (every 12 or 24 hours) or to completely turn off the function,
- The length of flush,
- If the flush will take place at a fixed time or at fixed intervals after the toilet was last used.



TEMPOMATIC Connect provides a **short flush and a long flush**. The length of the flush is entirely adjustable. This connected cistern-less flush system is also equipped with "intelligent" automatic rinsing, which adapts the flush volume according to use.

The **presence detection delay** that activates the long flush is also adjustable.

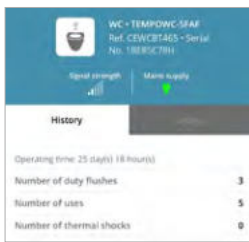


The **detection distance** can be adjusted to suit any washroom configuration (standard or accessible toilets, cubicles of different sizes etc.).



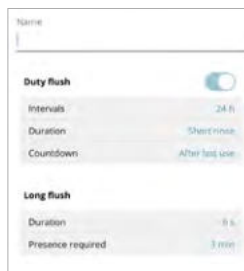
TEMPOMATIC Connect electronic flush system, refs. 464SBOX + 465000 (see page 211)

VIEW OPERATION HISTORY



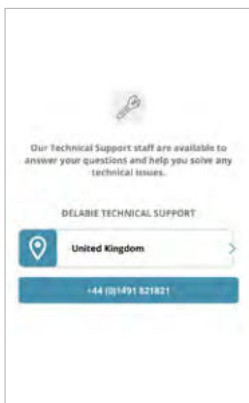
With the DELABIE Connect app, it is also possible to get **usage statistics** for the WC: e.g. total uses, and total number of duty flushes carried out and their length. This report can be sent by email.

MEMORY AND COPY SETTINGS FEATURE



The "copy-paste" feature allows selected settings to be saved in the app and copied to other WCs. A sure way to save time when installing.

TECHNICAL SUPPORT



If required, [please contact](#) the DELABIE Technical Support team. A report of usage and settings can be sent by email.



TEMPOMATIC Connect electronic flush system, refs. 464SBOX + 465050 (see page 211)

No smartphone, no problem, setting the detection range is still possible!

Using a smartphone and the DELABIE app isn't essential to set the detection range. These settings can also be adjusted directly on the control plate. Just insert a 1.5mm Allen key into the small hole designed for adjustments and change the settings by pressing the button.



Set the detection distance (white then green LED)

The presence detection range is then easily adjusted by standing in front of the toilet until the white LED turns green.



TEMPOMATIC Connect recessed electronic flush system **464PBOX + 465006** - S21 S wall-hung WC **110310** - Toilet brush set **4051S**
Toilet roll holder **510083S**



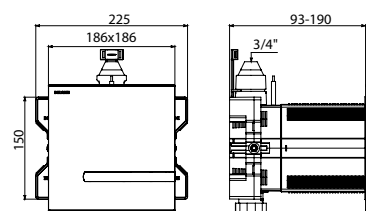
- **Efficiency and water savings:** direct flush system minimises the risk of leaks, powerful flush is available instantly
- **Hygiene:** touch-free electronic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** contactless activation is voluntary by passing hand before sensor, or automatic when user leaves
- **Easy to install:** modular and adjustable waterproof housing for quick installation, or pre-mounted to frame system

TEMPOMATIC Connect

Recessed electronic flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Battery-operated with CR123 6V Lithium batteries** or **230/6V mains supply** (cable and transformer supplied).
- **Satin finish or matte black stainless steel control plate 186 x 186mm.**
- **Control plate fixed manually via concealed screws.**
- **Recessed waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm.
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock, flow rate adjustment, activation and electronic unit are integrated and accessible from the front.
 - TEMPOMATIC 3/4" flush valve is compatible with sea water, rain water and grey water.
- Vacuum breaker inside the housing.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- **Effective detection** thanks to dual sensors (telemetric and infrared).
- **Presence detection delay: 10 seconds.**
- **Two activation modes:**
 - **touch-free**, by passing the hand in front of the sensor,
 - an **automatic** flush that is activated after each user leaves.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use
 - 3L "short" usage, 6L "long" usage - (can be adjusted).
- **Hygienic duty flush**, every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- **Bluetooth® configuration** via the DELABIE Connect app (see pages 208 and 209) or manually set detection distance via the concealed button.
- Outlet connection for PVC tube Ø 26/32mm.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Suitable for rimless WC pans and people with reduced mobility.
- 30-year warranty.



464SBOX + 465000

Product currently under development.

TEMPOMATIC Connect WC recessed in waterproof housing		
Satin finish stainless steel control plate		
6V battery-operated	464PBOX + 465006	£180.17 £628.90
230/6V mains supply	464SBOX + 465000	£180.17 £628.90
Matte black stainless steel control plate		
6V battery-operated	464PBOX + 465056	£180.17 £658.44
230/6V mains supply	464SBOX + 465050	£180.17 £658.44

We recommend a flush tube (see page 232)



TEMPOFIX 3 frame system with TEMPOMATIC Connect electronic direct-flush system **564005 + 465050** - S21 S wall-hung WC **110310BK**
Toilet brush set **4051BK** - Toilet roll holder **510083BK** - Coat hook **4043BK**



- **Efficiency and water savings:** direct flush system reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** touch-free electronic flush, no cistern: no water stagnation (reduces bacterial development)
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** modular and adjustable waterproof housing for quick installation, or pre-mounted to frame system

TEMPOFIX 3 with TEMPOMATIC Connect

Frame system with electronic WC flush valve



- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Waterproof housing.
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connector, Ø 110mm outlet. With waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 10 - 120mm.**

Available in 2 versions:

Self-supporting frame system with large feet to fix to load bearing floors.
Wall-mounted frame system to fix to load bearing walls.

Fitted with TEMPOMATIC Connect F¾" electronic flush valve:

- **Flush system without cistern:** directly connected to pipework.
- Battery-operated with by CR123 6V Lithium batteries or mains supply 230/6V (cable and transformer are supplied).
- Satin finish or matte black stainless steel control plate 186 × 186mm.
- Control plate is fixed manually via concealed screws.
- Presence detection delay: 10 seconds.
- **Two activation modes:**
 - **touch-free**, by passing the hand in front of the sensor,
 - an **automatic** flush that is activated after each user leaves.
- **Bluetooth® configuration** via the DELABIE Connect app (see pages 208 and 209) or manually set detection distance via the concealed button.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use
 - 3L "short" usage, 6L "long" usage - (can be adjusted).
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Compatible with sea water, rainwater and grey water.
- Suitable for rimless WC pans and people with reduced mobility.
- 30-year warranty.

Product currently under development.

TEMPOFIX 3 WC frame system with TEMPOMATIC Connect

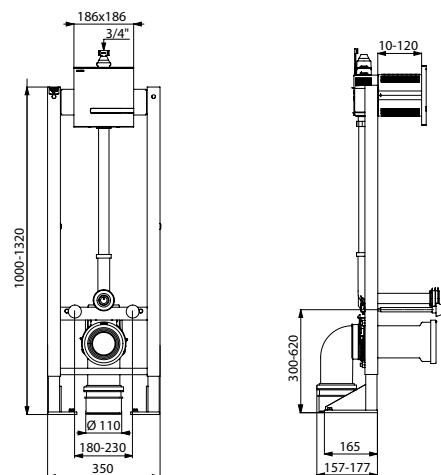
Satin finish stainless steel control plate

Self-supporting model - 6V battery-operated	564065DE + 465006	£435.99 £628.90
Self-supporting model - 230/6V mains supply	564005DE + 465000	£435.99 £628.90
Wall-mounted version - 6V battery-operated	564060DE + 465006	£390.10 £628.90
Wall-mounted version - 230/6V mains supply	564000DE + 465000	£435.99 £628.90

Matte black stainless steel control plate

Self-supporting model - 6V battery-operated	564065DE + 465056	£435.99 £658.44
Self-supporting model - 230/6V mains supply	564005DE + 465050	£435.99 £658.44
Wall-mounted version - 6V battery-operated	564060DE + 465056	£390.10 £658.44
Wall-mounted version - 230/6V mains supply	564000DE + 465050	£435.99 £658.44

Options: wall fixings, sleeve connector and kit for accessible WCs (see page 233)



564005DE + 465000



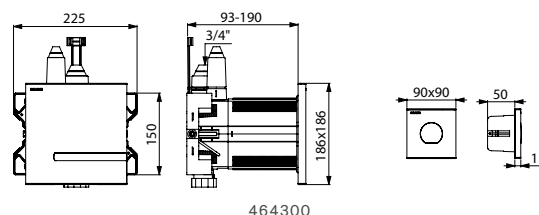
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** automatic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** suitable for WCs for people with reduced mobility, touch-free automatic flush or by pushing side control
- **Easy to install:** modular and adjustable waterproof housing

TEMPOMATIC dual control remote

Recessed electronic direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Battery-operated with CR123 Lithium 6V batteries** or **230/6V mains supply** (cable and transformer supplied).
- Satin stainless steel **electronic control plate** 186 × 186mm.
- Satin stainless steel **time flow control plate** with chrome-plated button, 90 × 90mm.
- **Recessed waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes from 10 to 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock, flow rate adjustment and electronic unit are integrated and accessible from the front.
 - TEMPOMATIC F¾" flush valve is compatible with sea water, rain water and grey water.
 - Vacuum breaker inside the housing.
- Shock-resistant infrared presence detection sensor.
- **Presence detection delay: 10 seconds.**
- **Touch-free automatic activation** when the user leaves or **voluntary** by pressing the side control.
- **AB anti-blocking system:** water will flow only when the push-button is released.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use
 - 3L "short" usage, 6L "long" usage - (can be adjusted to 2L/4L or 5L/9L).
- **3 programmes** (rinsing volume can be set according to type of WC pan).
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- Outlet connection for PVC tube Ø 26/32mm.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



464300

TEMPOMATIC WC dual control remote

6V battery-operated	464306	£782.02
230/6V mains supply	464300	£810.47

We recommend a flush tube (see page 232)



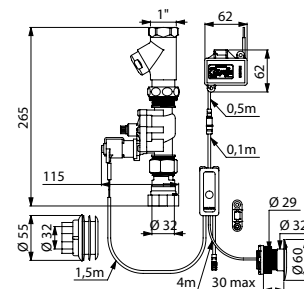
- **Efficiency and water savings:** direct flush system reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** touch-free electronic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** voluntary or automatic activation suitable for accessible washrooms
- **Vandal-resistant:** cross wall installation or fixed frame system, concealed fixings

TEMPOMATIC

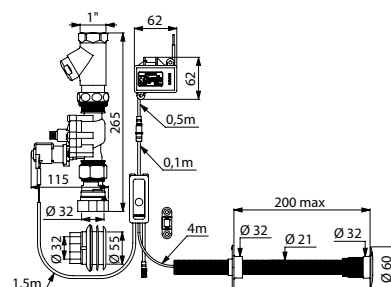
Cross wall electronic WC flush valve



- **Flush system without cistern:** directly connected to pipework.
- Mains supply with 1" solenoid valve.
- 230/12V transformer.
- Independent IP44 electronic unit.
- **Cross wall installation.**
- **Effective detection** thanks to dual sensors.
- **Two activation modes:**
 - **touch-free**, by passing the hand in front of the sensor,
 - an **automatic** flush that is activated after each user leaves.
- **Bluetooth® configuration** via the DELABIE Connect app (see pages 208 and 209) or manually set detection distance via the concealed button.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use
 - 3L "short" usage, 6L "long" usage (can be adjusted).
- FF1" stopcock.
- Ø 32mm vacuum breaker.
- Ø 32/55mm connection washer.
- Escutcheon flush to wall. Threaded rod can be cut to size.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Compatible with rainwater.
- Suitable for rimless WC pans and people with reduced mobility.
- 30-year warranty.



464100



464200

Product currently under development.

TEMPOMATIC WC cross wall		
For panels ≤ 30mm	464100	£803.61
For walls ≤ 200mm	464200	£815.44

Alternative cross wall lengths available on request



Recessed TEMPOFLUX 3 time flow direct flush system **763BOX + 763040** - S21 S wall-hung WC **110310** - Slimline toilet seat **102819**
Toilet roll holder **510567** - Toilet brush set **4051S**



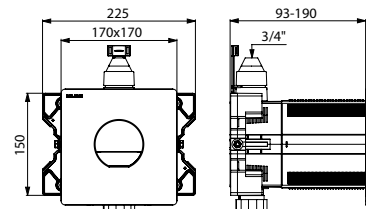
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, dual flush 3L/6L
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II
- **Easy to install:** modular and adjustable waterproof housing (for walls and panels)

TEMPOFLUX 3

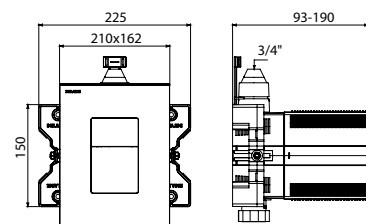
Recessed time flow direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Chrome-plated metal control plate 170 × 170mm, satin stainless steel 210 × 162mm, or black tempered glass 205 × 190mm.**
- Control plate fixed manually via concealed screws.
- **Recessed waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, activation unit and cartridge are all integrated and accessible from the front.
 - TEMPOFLUX 3 F^{3/4}" flush valve is compatible with sea water, rain water and grey water.
 - Vacuum breaker inside the housing.
 - Supplied in 2 kits: secure system flush without sensitive elements.
- **Soft-touch operation.**
- **AB anti-blocking system:** water only flows when push-button is released.
- **Dual flush 3L/6L, can be adjusted to 2L/4L** or single flush 6L.
- Outlet connection for PVC tube Ø 26/32mm.
- Acoustic level complies with European standard EN 12541 class II.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



763BOX + 763040



763BOX + 763000

Awards: **GERMAN DESIGN AWARD SPECIAL 2022** **reddot winner 2023**

TEMPOFLUX 3 WC recessed in waterproof housing		
Chrome-plated metal control plate, dual flush	763BOX + 763040	£150.13 £256.02
Chrome-plated metal control plate, single flush	763BOX + 763041	£150.13 £232.41
Satin stainless steel control plate, dual flush	763BOX + 763000	£150.13 £180.17
Black glass control plate, dual flush	763BOX + 763030	£150.13 £451.18

We recommend a flush tube (see page 232)



TEMPOFIX 3 WC frame system with TEMPOFLUX 3 time flow direct flush system **564065DE + 763000** - S21 S wall-hung WC **110310** - Toilet brush set **4051S**
Toilet paper dispenser **2912** - Coat hook **4043P**



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, dual flush 3L/6L
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted, clip into place assembly
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)

TEMPOFIX 3 with TEMPOFLUX 3

Frame system with time flow flush



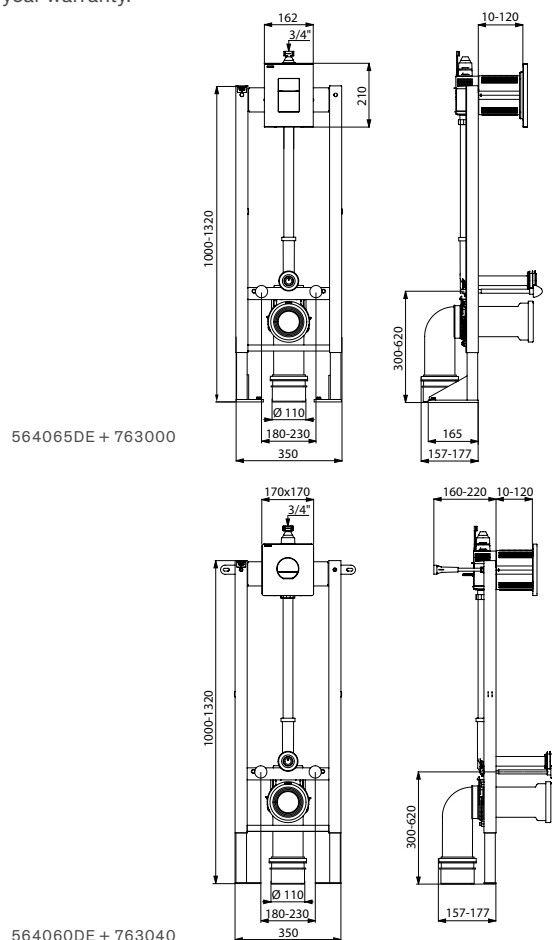
- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Recessed waterproof housing.
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connector, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 10 - 120mm.**

Available in 2 versions:

Self-supporting frame system with large feet to fix to load-bearing floors.
Wall-mounted frame system to fix to load-bearing walls.

Fitted with TEMPOFLUX 3 F¾" time flow direct flush valve:

- Satin stainless steel control plate 210 × 162mm, chrome-plated metal 170 × 170mm or black tempered glass 205 × 190mm.
- Control plate is fixed manually via concealed screws.
- **Soft-touch operation.**
- **Dual flush 3L/6L, can be adjusted to 2L/4L or single flush 6L.**
- **AB anti-blocking system.**
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Acoustic level complies with European standard EN 12541 class II.
- Compatible with sea water, rain water and grey water.
- Suitable for people with reduced mobility.
- 30-year warranty.



564065DE + 763000

564060DE + 763040

TEMPOFIX 3 WC frame system with TEMPOFLUX 3

Satin finish stainless steel control plate

Self-supporting model, dual flush	564065DE + 763000	£435.99 £180.17
Wall-mounted model, dual flush	564060DE + 763000	£390.10 £180.17

Chrome-plated metal control plate

Self-supporting model, dual flush	564065DE + 763040	£435.99 £256.02
Wall-mounted model, dual flush	564060DE + 763040	£390.10 £256.02
Self-supporting model, single flush	564065DE + 763041	£435.99 £232.41
Wall-mounted model, single flush	564060DE + 763041	£390.10 £232.41

Black glass control plate

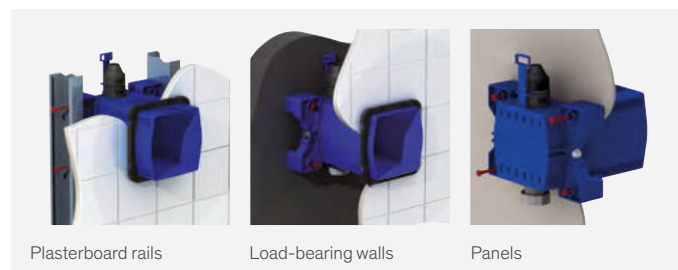
Self-supporting model, dual flush	564065DE + 763030	£435.99 £451.18
Wall-mounted model, dual flush	564060DE + 763030	£390.10 £451.18

Options: wall fixings, sleeve connector and kit for accessible WCs (see page 233)

TEMPOFLUX 3 RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

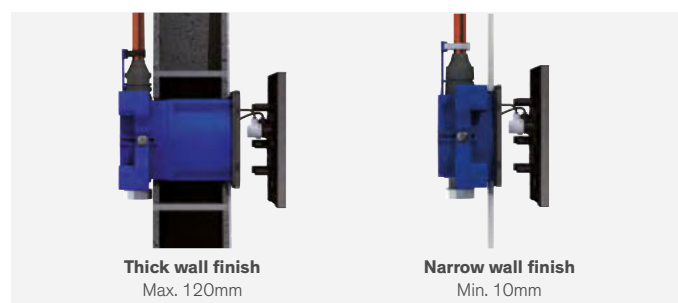
Modular

DELABIE's recessed housing can be attached from the sides, front or back, to be fixed to **plasterboard rails**, **load-bearing walls** or **even thin panels**. The installation is therefore modular, and adapts to suit any project.



Adaptable

The ideal positioning of the collar allows the housing to be cut to size lengthwise depending on the wall thickness, whilst still guaranteeing a complete waterproofing seal. **The housing adapts to all wall depth requirements, thick or thin, from 10 to 120mm.**



Quick and easy to install

The TEMPOFLUX 3 can be connected to standard pipework or "pipe-in-pipe". The hydraulic connection is made from the outside of the housing.

During installation, the cartridge is replaced by a temporary cap to **flush the system safely**, without damaging the technical elements.



Water savings

The TEMPOFLUX 3 with **3L/6L dual flush** optimises flushing and water consumption. The flush volume can be adjusted to **2L/4L**, to achieve the highest standards for environmental labels. *For more information see page 8.*

The **AB anti-blocking device** limits the flush volume regardless of how long the push-button is pressed for.

100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system).

It is completely waterproof without silicone. Any condensation is evacuated via the plate. **The wall stays intact throughout.**



Resistant to intensive use and vandalism

The control plate, made from satin finish stainless steel will withstand even the most extreme handling. Its fixings are concealed and its streamlined design prevents unwanted removal.

To prevent abuse or waste, the TEMPOFLUX 3 is fitted with an **AB anti-blocking system**. This security feature prevents the valve from being blocked in the open position. The flush takes place only when the push-button is released.

Minimal servicing and simple to maintain

Maintenance is carried out from the front by simply removing the control plate. The technical elements are accessible and the component parts come **pre-assembled**.

The flush volume can be adjusted directly behind the control plate, without shutting off the water supply or removing the valve.

The **vacuum breaker** is located inside the housing.

In case of backflow, the water will evacuate in front of the wall via the housing, and not behind (or into) the wall.

The TEMPOFLUX 3 is compatible with sea water, rain water, and grey water.

Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

Comfort

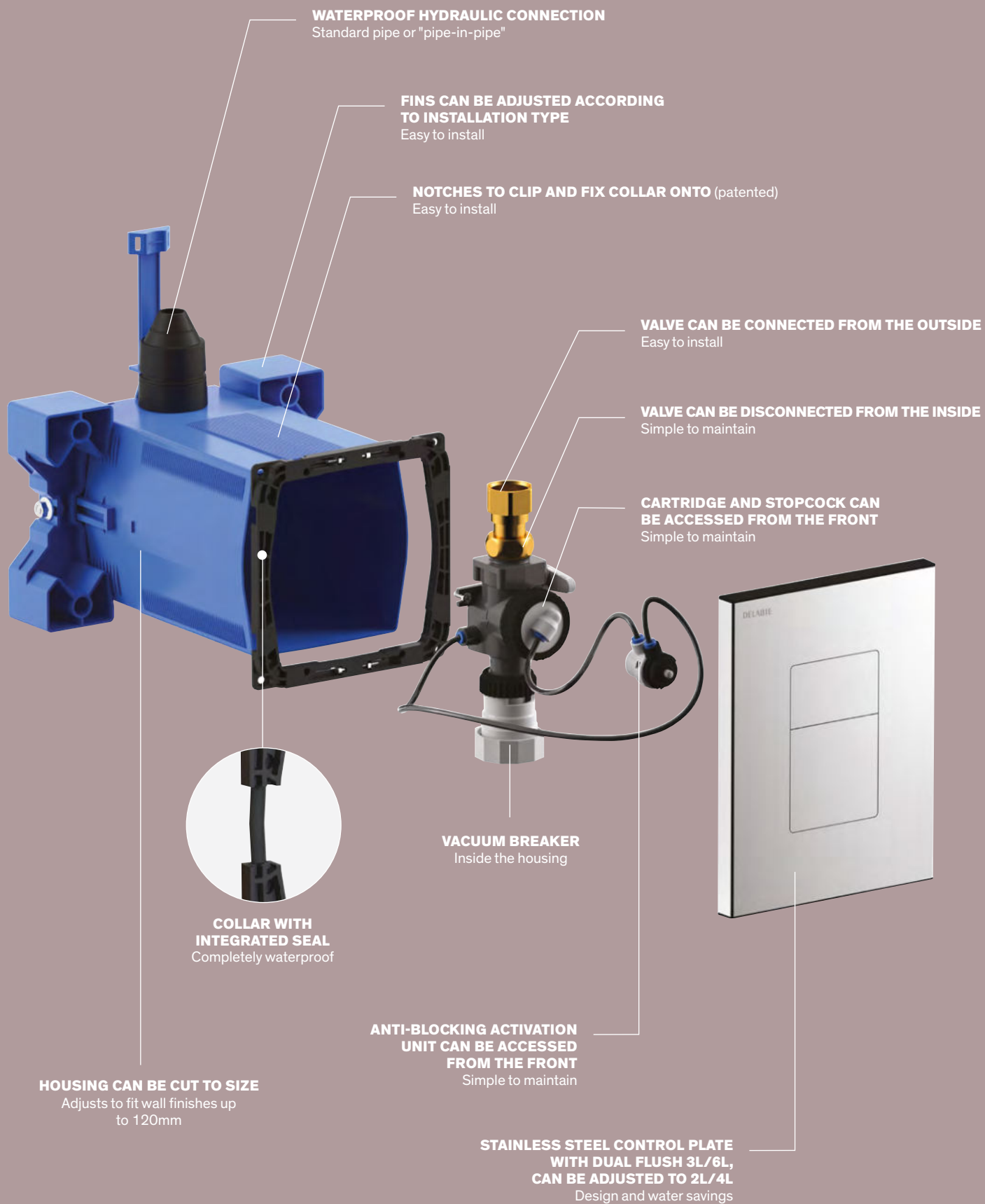
Thanks to its **soft-touch operation**, the TEMPOFLUX 3 can be used by all users (children, the elderly or people with reduced mobility).

The **acoustic level is low** and complies with European standard EN 12541 class II.

Design

The TEMPOFLUX 3 control plate has a **timeless design** available in 3 finishes: **satin finish stainless steel, chrome-plated metal or black glass**.

Thanks to its sleek lines, it fits perfectly in any type of public or commercial building. Its smooth surface limits the build-up of dirt and facilitates cleaning.



WATERPROOF HYDRAULIC CONNECTION
Standard pipe or "pipe-in-pipe"

FINS CAN BE ADJUSTED ACCORDING TO INSTALLATION TYPE
Easy to install

NOTCHES TO CLIP AND FIX COLLAR ONTO (patented)
Easy to install

VALVE CAN BE CONNECTED FROM THE OUTSIDE
Easy to install

VALVE CAN BE DISCONNECTED FROM THE INSIDE
Simple to maintain

CARTRIDGE AND STOPCOCK CAN BE ACCESSED FROM THE FRONT
Simple to maintain

VACUUM BREAKER
Inside the housing

ANTI-BLOCKING ACTIVATION UNIT CAN BE ACCESSED FROM THE FRONT
Simple to maintain

STAINLESS STEEL CONTROL PLATE WITH DUAL FLUSH 3L/6L, CAN BE ADJUSTED TO 2L/4L
Design and water savings

COLLAR WITH INTEGRATED SEAL
Completely waterproof

HOUSING CAN BE CUT TO SIZE
Adjusts to fit wall finishes up to 120mm

CISTERN-LESS
WCs



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, dual flush 3L/6L
- **Fire resistance:** fire retardant 60 minutes
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to maintain and install:** pre-mounted frame system, service duct isn't required for maintenance



TEMPOFIX 3 with TEMPOFLUX 3

Fire retardant frame system with time flow direct flush



- Black powder-coated self-supporting steel frame with large feet for load-bearing floors.
- **Fire retardant 60 minutes** (tested according to ISO 834).
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Recessed waterproof housing: with intumescent collar and fire protection set.
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connector, Ø 110mm outlet with waterproof seal, with 2 setting positions and intumescent collar for fire protection.
- Delivered pre-mounted.
- **Compatible with solid walls from 53 to 105mm** (4 BA13 and tiling at minimum).

Fitted with TEMPOFLUX 3 F¾" time flow direct flush valve:

- Satin stainless steel control plate 210 × 162mm.
- Control plate fixed manually via concealed screws.
- **Soft-touch operation.**
- **Dual flush 3L/6L, can be adjusted to 2L/4L.**
- **AB anti-blocking system.**
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Acoustic level complies with European standard EN 12541 class II.
- Compatible with sea water, rain water and grey water.
- Suitable for people with reduced mobility.
- 30-year warranty.

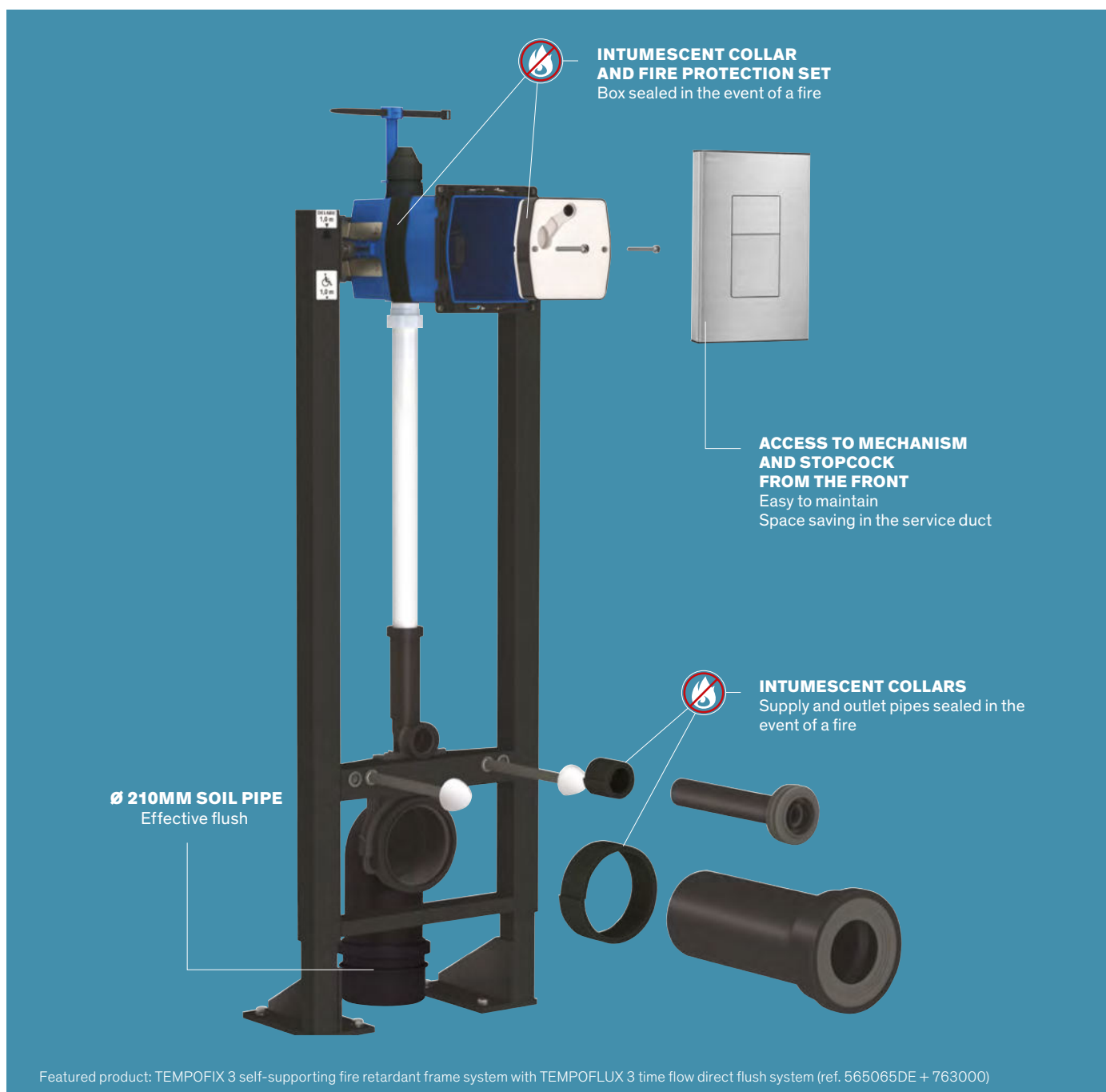
TEMPOFIX 3 WC self-supporting fire retardant frame system with TEMPOFLUX 3



565065DE
+ 763000

£665.47
£180.17

Options: wall fixings, sleeve connector and kit for accessible WCs (see page 233)



The French by-law dated 25 June 1980 specifies safety rules to reduce the risk of fires and panic in public and commercial buildings. This specifically concerns buildings with accommodation such as hotels, care homes and hospitals.

If drilling > 75mm in a fire retardant partition (e.g. for a pipe), the building must have an adequate device to prevent the spread of fire to other areas.

« Section 3. Pipes with a diameter larger than 75 millimetres and less than or equal to 315 millimetres must be flame retardant for 30 minutes where they transect the walls in public and commercial buildings with the exception of horizontal pipes which can be fire resistant for 15 minutes. »

Source: Article CO 31 in the French by-law from 25 June 1980 approving general safety rules against the risk of fires and panic in public and commercial buildings, modified by the by-law dated 26 June 2008.

With DELABIE's fire retardant solution, the installation of the TEMPOFIX 3 guarantees:

- **A space saving solution** which is practical and looks good whilst being **fire retardant for 60 minutes**.
- **Easy maintenance from the front** (behind the control plate) without the need for access to a service duct.
- **Suitable for walls 53 to 105mm**.

Fire retardant solution CF 60 min - EI60 complies with fire safety regulations for public and commercial buildings. (Tests carried out by Firelab laboratories certified by the COFRAC and meeting ISO 834).

The UK Regulatory Reform (Fire Safety) Order 2005 sets out the guidelines for keeping premises safe and preventing fires.



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch controls, low acoustic level complies with EU standard EN 12541 class II, suitable for accessible WCs
- **Easy to install:** modular and adjustable waterproof housing

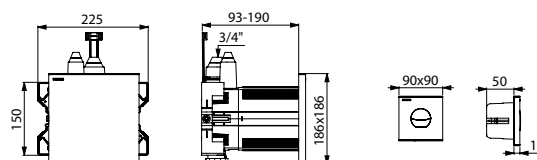
TEMPOFLUX 3 AB remote

Recessed time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Wall plate** in satin stainless steel 186 × 186mm.
- **Time flow control plate** in satin stainless steel with chrome-plated button 90 × 90mm.
- Control plate fixed manually via concealed screws.
- **Recessed waterproof housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, filter and cartridge are integrated and accessible from the front.
 - TEMPOFLUX 3 F¾" flush valve is compatible with sea water, rain water and grey water.
 - Vacuum breaker inside the housing.
- **Soft-touch operation.**
- **AB anti-blocking system:** water only flows when push-button is released.
- **Dual flush 3L/6L, can be adjusted to 2L/4L.**
- Outlet connection for PVC tube Ø 26/32mm.
- Acoustic level complies with European standard EN 12541 class II.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.

For other installation options: see page 247.



TEMPOFLUX 3 AB WC remote	763300	£447.89
We recommend a flush tube (see page 232)		

763300



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II

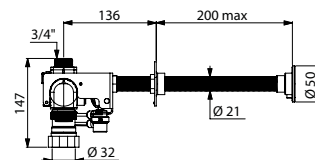


TEMPOFLUX 3 AB

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls $\leq 200\text{mm}$.
- **Soft-touch operation.**
- **AB anti-blocking system:** flush only takes place once the push-button is released.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- Stopcock and volume/flow rate adjustment, activation unit and cartridge are all integrated and accessible via the service duct.
- Chrome-plated metal push-button.
- Shock-resistant mechanism.
- In-line inlet $M\frac{3}{4}"$.
- Complies with European standard EN 12541 (class II acoustic level).
- Threaded rod can be cut-to-size.
- **Supply pipe diameter:** $\varnothing 20\text{mm}$ minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without PVC flush tube.
- Compatible with rain water.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



763256

TEMPOFLUX 3 AB WC cross wall		
With flush tube	763266	£266.60
Without flush tube	763256	£224.21





- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, 3L/6L dual flush
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II
- **Vandal-resistant:** recessed with concealed fixings or cross wall installation, chrome-plated solid brass

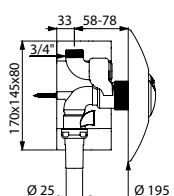
TEMPOFLUX 2

Recessed time flow flush valve

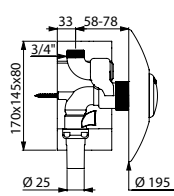


- **Flush system without cistern:** directly connected to pipework.
- Chrome-plated metal control plate Ø 195mm.
- Escutcheon fixed via concealed screws.
- Adaptable recessed housing.
- Recessing depth can be adjusted 0 - 20mm.
- **Available with 6L single flush or 3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Brass body.
- Chrome-plated metal push-button.
- In-line inlet M $\frac{3}{4}$ ".
- Outlet connection for PVC tube Ø 26/32mm.
- **Acoustic level complies with European standard EN 12541 class II.**
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.

*This model does not have a waterproof recessed housing.
The installer must ensure that the recessing area is waterproof
and any leaks or condensation can drain away (see installation guide).*



762902



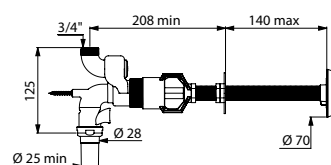
762901

TEMPOFLUX 2

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls ≤ 140mm.
- **3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Brass body.
- Chrome-plated metal push-button.
- In-line inlet M $\frac{3}{4}$ ".
- Outlet connection for PVC tube Ø 26/32mm.
- Threaded rod can be cut to size.
- **Acoustic level complies with European standard EN 12541 class II.**
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



762150

TEMPOFLUX 2 WC recessed

3L/6L dual flush (DELABIE patented)	762902	£302.52
6L single flush	762901	£279.06

We recommend a flush tube (see page 232)

TEMPOFLUX 2 WC cross wall	762150	£288.48
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- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, 3L/6L dual flush
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)

TEMPOFIX 3 with TEMPOFLUX 2

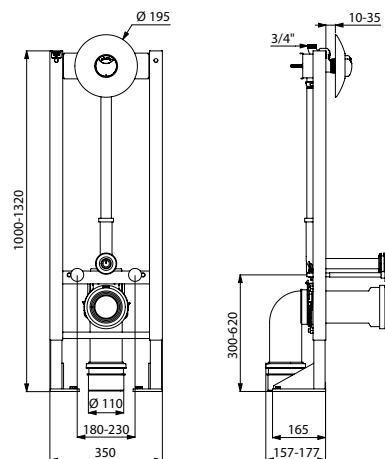
Frame system for drywall



- Self-supporting black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connector, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **For walls from 10 - 35mm.**

Fitted with TEMPOFLUX 2 time flow direct flush valve:

- **Flush system without cistern:** directly connected to pipework.
- Ø 195mm chrome-plated metal control plate with concealed fixings.
- **Available with 6L single flush** can be adjusted to 9L, or **3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- Vacuum breaker.
- **Stopcock and flow rate/volume adjuster.**
- Brass body and shock-resistant, scale-resistant mechanism.
- In-line inlet M $\frac{3}{4}$ ".
- Acoustic level complies with European standard EN 12451 class II.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



578305DE + 578222

TEMPOFIX 3 WC frame system with TEMPOFLUX 2 (for drywall from 10 - 35mm)		
3L/6L dual flush (DELABIE patented)	578305DE + 578222	£516.31 £91.78
6L single flush (can be adjusted to 9L)	578305DE + 578212	£516.31 £91.78

Options: wall fixings, sleeve connector and kit for accessible WCs (see page 233)



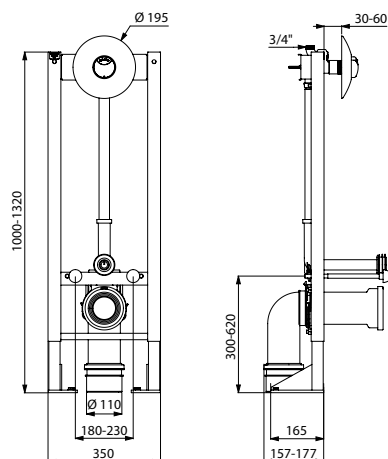
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful and flush is available instantly, 3L/6L dual flush
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)

TEMPOFIX 3 with TEMPOFLUX 2

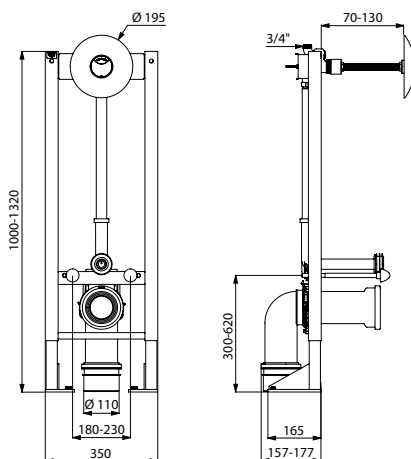
Frame system for semi-thick or thick walls



- See opposite for technical description.
- **For semi-thick solid walls from 30 - 60mm or thick walls from 70 - 130mm.**
- **Available with 6L single flush** can be adjusted to 9L, or **3L/6L dual flush** can be adjusted to 2L/4L.



578405DE + 578222



578305DE + 578230

TEMPOFIX 3 WC frame system with TEMPOFLUX 2 (for semi-thick walls from 30 - 60mm)

3L/6L dual flush (DELABIE patented)	578405DE + 578222	£516.31 £91.78
6L single flush (can be adjusted to 9L)	578405DE + 578212	£516.31 £91.78

TEMPOFIX 3 WC frame system with TEMPOFLUX 2 (for thick, solid walls from 70 - 130mm)

3L/6L dual flush (DELABIE patented)	578305DE + 578230	£516.31 £160.63
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For other wall thicknesses please contact us

Options: wall fixings, sleeve connector
and kit for accessible WCs (see page 233)

RECOMMENDATIONS

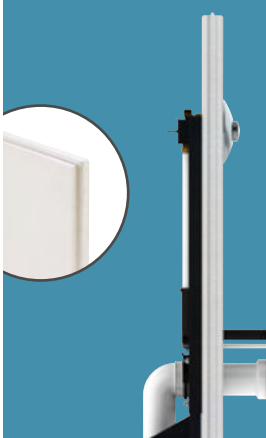
For drywall / plasterboard walls:

Wall thickness: 10 - 35mm



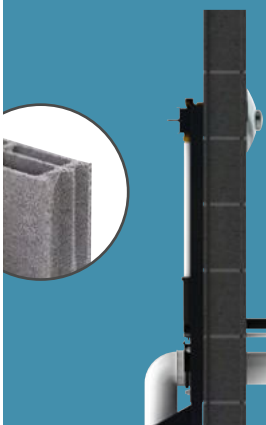
For semi-thick gypsum block walls:

Wall thickness: 30 - 60mm



For thick brick or cinder block walls:

Wall thickness: 70 - 130mm





- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation

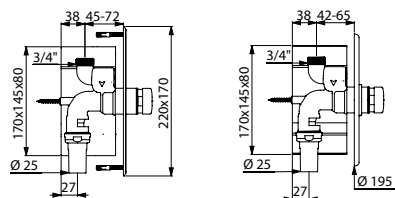
TEMPOFLUX 1

Recessed time flow WC flush valve



- **Flush system without cistern:** directly connected to pipework.
- Stainless steel control plate 220 × 170mm or chrome-plated brass escutcheon Ø 195mm.
- Adaptable recessed housing.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Brass body and chrome-plated push-button.
- In-line inlet M $\frac{3}{4}$ ".
- Outlet connection for PVC tube Ø 26/32mm.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 30-year warranty.

This model does not have a waterproof recessed housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



761627

761900

TEMPOFLUX 1 WC recessed

Stainless steel control plate 220 × 170mm	761627	£248.16
Chrome-plated brass escutcheon Ø 195mm	761900	£264.62

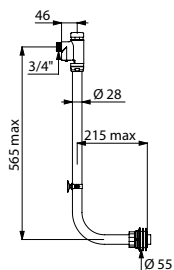
We recommend a flush tube (see page 232)

TEMPOFLUX 1

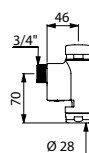
Exposed compact WC flush kit



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Chrome-plated brass body and push-button.
- Angled inlet M $\frac{3}{4}$ ".
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without stainless steel flush tube.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 30-year warranty.



761003



761001

TEMPOFLUX 1 WC exposed

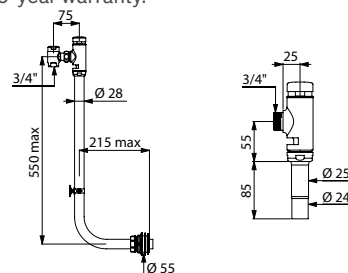
Kit with tube, collar and connection washer	761003	£258.30
Exposed time flow valve only	761001	£175.27

TEMPOFLUX 1

Exposed time flow WC flush kit



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Available with or without stopcock and flow rate/flush volume adjuster.**
- Chrome-plated brass body and push-button.
- Angled inlet $\frac{3}{4}$ ".
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without stainless steel flush tube.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 30-year warranty.



761002

761025

TEMPOFLUX 1 WC exposed

With separate elbow stopcock F $\frac{3}{4}$ "

Kit with flush tube, collar and connection washer	761002	£270.25
Without stopcock M$\frac{3}{4}$"		
Kit with flush tube, collar and connection washer	761004	£201.18
With outlet nut Ø 28mm, without flush tube	761000	£118.15
With flush tube Ø 25mm and Ø 24mm (replacements for SCHELL & BINE 120000 models)	761025	£136.30

Accessories

Elbow stopcock FF $\frac{3}{4}$ "	765020	£76.03
Flat wall plate	292020	£6.13



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Vandal-resistant:** chrome-plated solid brass, shock-resistant mechanism, for recessed or cross wall installation

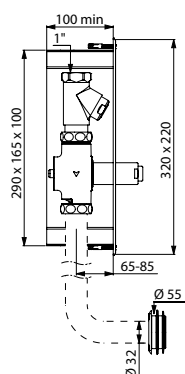
TEMPOCHASSE

Recessed WC flush valve



- **Flush system without cistern:** directly connected to pipework.
- Satin stainless steel control plate 320 × 220mm.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **In-line cast brass stopcock and flow rate/flush volume adjuster.**
- Brass body and chrome-plated push-button.
- Shock-resistant mechanism.
- In-line inlet F1".
- Connection washer Ø 32/55mm.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- 30-year warranty.

This model does not have a waterproof recessed housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).



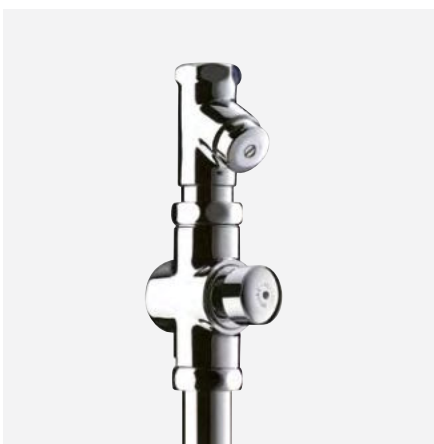
760220

TEMPOCHASSE WC recessed	760220	£370.59
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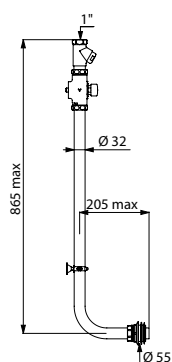
We recommend a flush tube (see page 232)

TEMPOCHASSE

Exposed WC flush kit



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **F1" chrome-plated brass stopcock and flow rate/flush volume adjuster.**
- Chrome-plated brass body and push-button.
- Shock-resistant mechanism.
- Connection washer Ø 32/55mm with clamp.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Bright polished stainless steel elbow flush tube Ø 32mm with nut and collar.
- 30-year warranty.



760004

TEMPOCHASSE WC exposed kit

For conventional WC pans

With in-line stopcock	760004	£305.01
With elbow stopcock	760005	£294.93

For slop hoppers

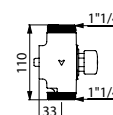
With in-line stopcock and straight flush tube	760460	£346.54
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TEMPOCHASSE

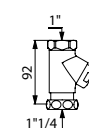
Exposed WC flush valve



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- Chrome-plated brass body and push-button.
- Shock-resistant mechanism.
- In-line inlet M1¼".
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- 30-year warranty.



760000



764000



765000

TEMPOCHASSE WC exposed

With push-button	760000	£138.58
In-line stopcock	764000	£86.72
Elbow stopcock	765000	£76.68

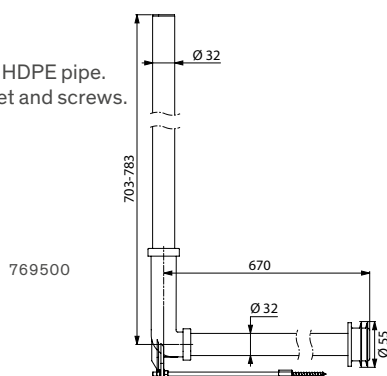
We recommend a flush tube (see page 232)

Flush tube for WC pans

For recessed flush system / cross wall



- For TEMPOMATIC, TEMPOFLUX 1, TEMPOFLUX 2, TEMPOFLUX 3 and TEMPOCHASSE.
- PVC tube for recessed or cross wall installation.
- With connection washer and HDPE pipe.
- Walls ≥ 60 mm fix with bracket and screws.
- $\varnothing 26/32$ mm.
- 30-year warranty.



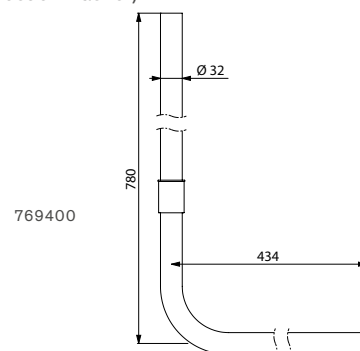
Flush tube with connection washer for recessing for WC pans	769500	£65.10
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Flush tube for WC pans

For recessed flush system / cross wall



- For TEMPOMATIC, TEMPOFLUX 1, TEMPOFLUX 2, TEMPOFLUX 3 and TEMPOCHASSE.
- PVC tube for recessed or cross wall installation.
- $\varnothing 26/32$ mm (bare, without connection washer).
- 30-year warranty.



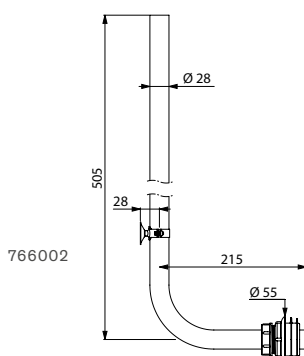
Bare flush tube for recessing for WC pans	769400	£43.03
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Flush tube for WC pans

For TEMPOFLUX 1 and 3 exposed and compact



- Bright polished stainless steel elbow flush tube $\varnothing 28$ mm with collar and no nut.
- With connection washer $\varnothing 28/55$ mm with clamp.
- 30-year warranty.



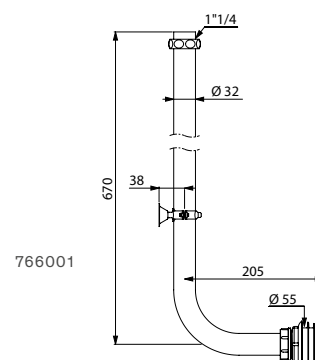
Flush tube for WC pans	766002	£83.04
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Flush tube for squat WCs

For TEMPOCHASSE exposed



- Elbow flush tube $\varnothing 32$ mm with nut $1\frac{1}{4}$ ".
- Collar and connection washer $\varnothing 32/55$ mm with clamp.
- 30-year warranty.



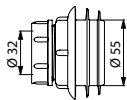
Flush tube for WC pans	766001	£89.18
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Connection washer

For Ø 32mm tube



- With clamp.
- Neck Ø 55mm.
- 30-year warranty.



705000

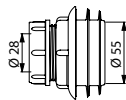
Connection washer Ø 32mm	705000	£18.17
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Connection washer

For Ø 28mm tube



- With clamp.
- Neck Ø 55mm.
- 30-year warranty.



705028

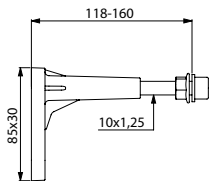
Connection washer Ø 28mm	705028	£23.65
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Wall fixings

For TEMPOFIX 3



- Fixing kit for upper section of TEMPOFIX 3 frame system.
- 2 chrome-plated metal wall fixings, for reinforcing upper section of frame system.
- For installing if floors are non-load bearing.
- 30-year warranty.



578MUR

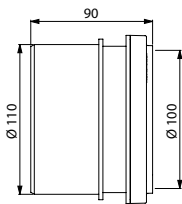
TEMPOFIX 3 wall fixings	578MUR	£41.28
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Sleeve connector

For TEMPOFIX 3



- For horizontal evacuation.
- Ø 100/110mm.
- High-density polyethylene (HDPE).
- 30-year warranty.



578110

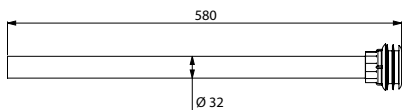
Sleeve connector	578110	£31.68
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Connection kit for accessible WCs

For TEMPOFIX 3



- Extended supply tube Ø 32mm, L. 580mm.
- Ø 55mm connection washer.
- 30-year warranty.



578PMR

Connection kit for accessible WCs	578PMR	£20.48
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Secure sector

SOLUTIONS FOR THE SECURE SECTOR 237



BASIN CONTROLS 238



SHOWER CONTROLS 240



URINAL CONTROLS 242



WC CONTROLS 243





TEMPOFLUX 2 time flow cistern-less flush system **762150** - SHA 700 Squat pan WC **113610** - Toilet roll holder **2911**
TEMPOMATIC electronic basin tap **441200** - Soap dispenser **729170** - CANAL wash trough **120250** - Stainless steel rectangular mirror **3458**

SPECIFICALLY DESIGNED FOR THE SECURE SECTOR

High resistance to vandalism

DELABIE's water controls have been specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

The specific ergonomics of the products (streamlined design, tamperproof fixings, robust design) prevent any risk of harm.

Designed to be installed **cross wall** in service ducts, this equipment prevents the user from having access to the control mechanisms.

The control buttons, bodies, spouts and shower heads are made from chrome-plated solid brass.

Shock-resistant push-button limiters protect the mechanisms from the most heavy-handed users.

Streamlined designs and detection sensors flush to the wall prevent unwanted removal.

The **fixings** are **reinforced**. The anti-rotating pin means that the whole body is securely fixed to the wall. The connecting nut ensures correct in-line installation of the push-button control and valve, resulting in ensured activation with every operation.

Superior endurance

The time flow mechanisms in DELABIE's water controls are hard-wearing. The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**.

There is no metal-metal or metal-plastic friction, **ensuring reliable and durable timing**.

The detection system for electronic controls: **infrared active pulse** technology is the most reliable. It cannot be adjusted or affected by variations in light levels.

Easy to install

The **threaded rods** for cross wall installation **can be cut** to the desired length. Simply connect the water supply to the flexibles.

Minimal servicing

DELABIE guarantees minimal servicing.

The flow straighteners, nozzles and mechanisms are made from **scale-resistant materials** (Hostaform®). Self-cleaning mechanisms are protected by filters.

Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

The whole of the system is integrated within an interchangeable **cartridge which can be accessed without having to remove the mixer or tap**.

Installation in service ducts enables the maintenance staff **to access the device outside of the area of use** which facilitates and secures their work.

30-year warranty against any manufacturing defects.
50 years reparability.

WATER SAVINGS

Water savings

Water saving is also a concern for the secure sector. Secure facilities accommodate people prone to acts of vandalism who are more likely to waste water voluntarily. DELABIE's fittings deliver water savings during conventional use but also prevent excessive consumption due to abuse.

• Automatic shut-off and split delivery

The flow shuts off automatically when hands are removed from the detection zone for electronic versions, or after several seconds for time flow versions. DELABIE's water controls remove the risk of waste through negligence.

The time flow is reduced to the necessary minimum (wetting, rinsing).

• Regulated flow rate

The flow rate is regulated at **3 lpm** for basins, **6 lpm** for showers and **3L/6L** for the TEMPOFLUX 2 and TEMPOFLUX 3 remote WC systems.

Anti-blocking system

To avoid abuse and waste, TEMPOSTOP and TEMPOFLUX 3 time flow models can be fitted with an **AB anti-blocking system**. This prevents the valve from being blocked in the open position. Water will not flow unless the push-button is released.

On TEMPOMATIC electronic models, the valve will block temporarily in case of abuse.

HYGIENE AND INFECTION CONTROL

Automatic shut-off with no manual contact

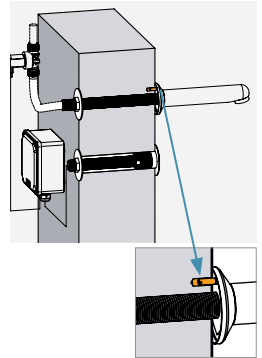
No manual contact after washing prevents the spread of germs by hand.

Anti-bacterial duty flush programme

DELABIE's electronic water controls have a duty flush programme. **An automatic flush takes place every 24 hours after the last use** (basins, showers and urinals).



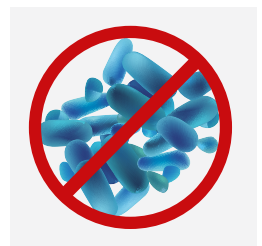
Cross wall time flow control



Cross wall electronic control with anti-rotating pin



Anti-blocking system



Hygiene and infection control



- **Exceptional water savings:** 90%
- **Vandal-resistant:** chrome-plated solid brass, cross wall installation, concealed fixings
- **Maintenance:** LED diagnostic aids
- **Hygiene:** no manual contact and anti-bacterial duty flush

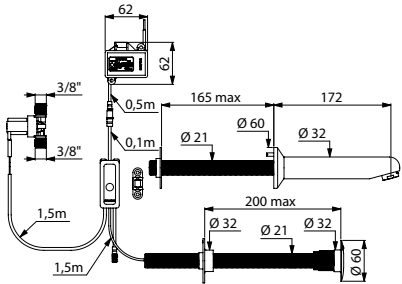


TEMPOMATIC

Cross wall electronic basin tap



- **Independent IP44 electronic control unit.**
- **230/12V mains supply with transformer.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 to 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush** (~60 seconds every 24 hours after last use).
- Chrome-plated fixed spout L.170mm with anti-rotating pin & back-nut.
- Escutcheon flush to the wall.
- Shock-resistant infrared presence detector.
- Anti-blocking security.
- Cross wall for walls ≤ 165mm or panels ≤ 30mm.
- M³/₈" solenoid valve with integrated filter.
- Threaded rods can be cut to size.
- Suitable for people with reduced mobility.
- 30-year warranty.



441200

Product currently under development.

TEMPOMATIC cross wall basin tap		
For panels ≤ 30mm	441100	£413.63
For walls ≤ 165mm	441200	£425.44
FM ³ / ₈ " connection Ø 15mm for compression fittings	813815	£7.00

We recommend a TMV (see page 143)
Alternative spout and cross wall lengths available on request



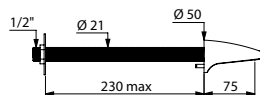
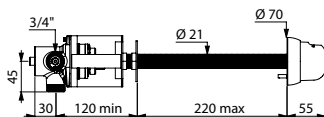
- **Exceptional water savings:** 85%
- **Vandal-resistant:** cross wall installation, concealed fixings, anti-blocking system (AB)

TEMPOMIX

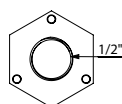
Cross wall time flow basin mixer



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated brass body M $\frac{3}{4}$ ".
- Chrome-plated metal push-button.
- Filters and non-return valves.
- Adjustable maximum temperature limiter.
- Tamperproof cross wall control ≤ 220 mm.
- Tamperproof fixed cross wall spout ≤ 230 mm.
- System for fixing to the wall via anti-rotating pin, back-nut and connection clamp.
- Threaded rods can be cut to size.
- 30-year warranty.



795209



826315

TEMPOMIX cross wall basin mixer

TEMPOMIX cross wall	795209	£480.53
Back nut F $\frac{1}{2}$ " with 3 screws (reinforcing clamp behind the wall)	826315	£10.78

Alternative cross wall lengths (up to 400mm, min. 200 units) available on request

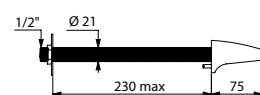
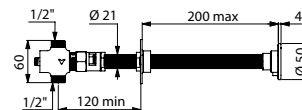
TEMPOSTOP

Cross wall time flow basin tap

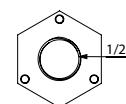


AB

- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Tamperproof cross wall control ≤ 220 mm.
- Chrome-plated brass fixed tamperproof cross wall spout ≤ 230 mm.
- Anti-rotating pin and back nut.
- **AB anti-blocking system:** water only flows when push-button is released.
- Available with 1 or 2 controls.
- Threaded rods can be cut to size.
- 30-year warranty.



748110



826315

TEMPOSTOP cross wall basin tap

1 control	748110	£223.69
2 controls	748210	£300.77
Back-nut F $\frac{1}{2}$ " with 3 screws (reinforcing clamp behind the wall)	826315	£10.78

We recommend installing a TMV (see page 143)
Alternative cross wall lengths available on request



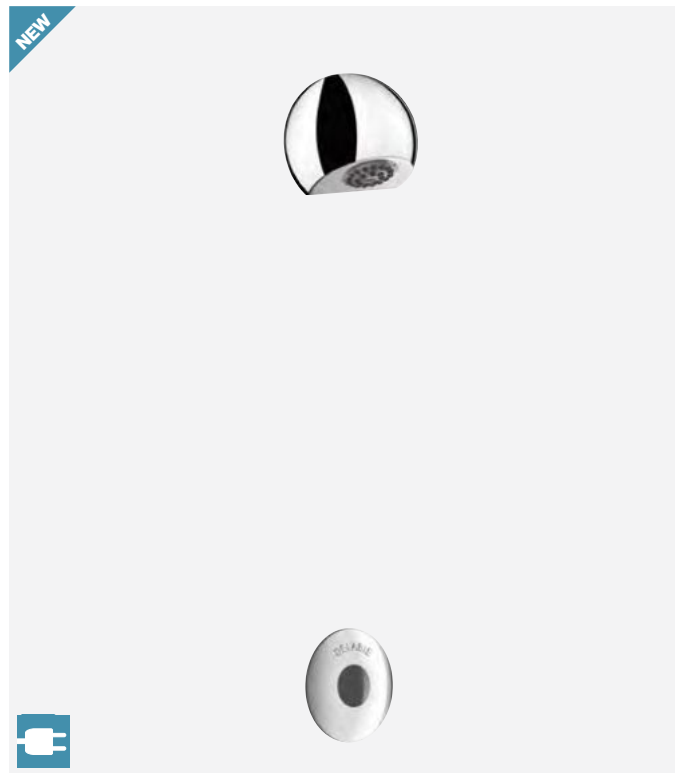
- **Exceptional water saving:** 80 %
- **Vandal-resistant:** chrome-plated solid brass, cross wall installation, concealed fixings
- **Hygiene:** no manual contact, duty flush reduces bacterial development
- **Maintenance:** LED diagnostic aids



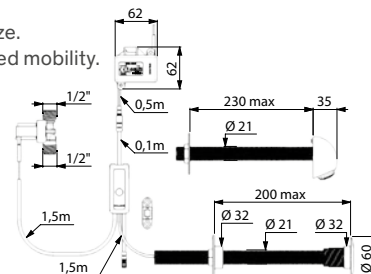
TEMPOMATIC

Cross wall electronic shower kit

NEW



- **TEMPOMATIC electronic shower valve** for mixed water supply.
- For walls $\leq 200\text{mm}$ or for panels $\leq 30\text{mm}$.
- Powered by electronic unit with $\frac{1}{2}$ " solenoid valve.
- 230/12V transformer.
- Voluntary ON/OFF activation by passing hand in front of sensor $\sim 10\text{cm}$ (automatic shut-off after 60 seconds).
- **Duty flush.**
- **Adjustable time flow** from 30 to 60 seconds.
- **Flow rate 6 lpm** at 3 bar, with chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated brass.
- Escutcheon flush to the wall.
- Threaded rods can be cut to size.
- Suitable for people with reduced mobility.
- 30 year warranty.



452209

Product currently under development.

TEMPOMATIC shower for walls $\leq 200\text{mm}$

Kit with shower head	452209	£449.07
Shower valve without shower head	452200	£354.53

TEMPOMATIC shower for panels $\leq 30\text{mm}$

Kit with shower head	452109	£437.27
Shower valve without shower head	452100	£342.72

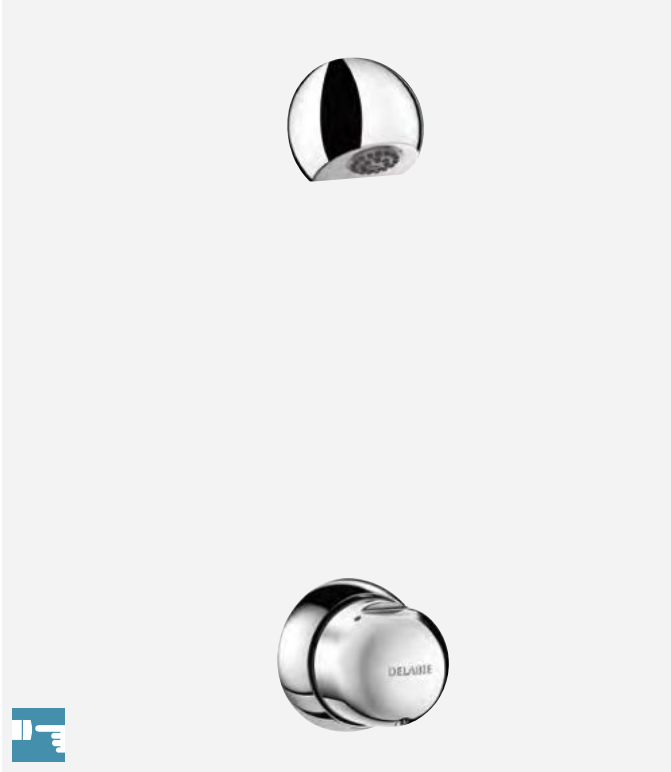
We recommend installing a TMV (see page 143) and a floor trap (see page 131)



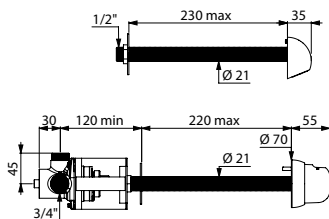
- **Exceptional water savings:** 80%
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Hygiene:** shower head

TEMPOMIX

Cross wall time flow shower kit



- **TEMPOMIX 3/4" single control mixer.**
- For walls ≤ 220mm.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Ligature-resistant collar.**
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated brass valve body and shower head.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Threaded rods can be cut to size.
- 30-year warranty.



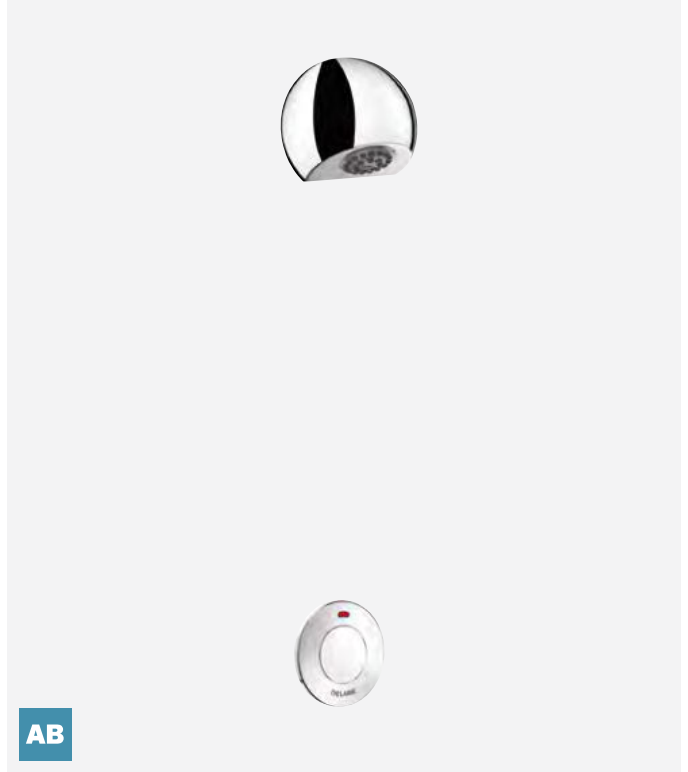
796209

TEMPOMIX cross wall shower kit	796209	£510.70
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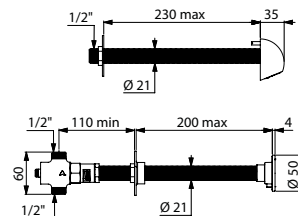
We recommend installing a floor trap (see page 131)
Other cross wall lengths available on request (minimum 200 units)

TEMPOSTOP

Cross wall time flow shower kit



- **TEMPOSTOP M1/2" time flow valve** for mixed water supply.
- For cross wall installation.
- **Time flow ~15 or 30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated metal control.
- Concealed fixings and anti-rotating pin.
- Threaded rods can be cut to size.
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- 30-year warranty.



747110

TEMPOSTOP cross wall shower kit

For walls ≤ 200mm, AB anti-blocking system, ~15 seconds - single control	747110	£284.38
For walls ≤ 200mm, ~30 seconds - single control	749110	£284.38
For walls ≤ 200mm, AB anti-blocking system, ~15 seconds - dual controls	747210	£413.63
Back-nut with 3 screws (reinforced clamp behind the wall)	826315	£10.78

We recommend installing a TMV (see page 143) and a floor trap (see page 131)



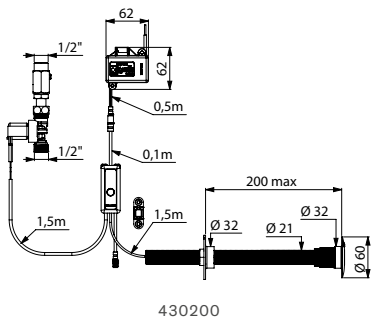
- **Exceptional water savings:** 60%
- **Vandal-resistant:** cross wall installation, concealed fixings

TEMPOMATIC

Cross wall electronic urinal flush valve



- **Mains supply.**
- Electronic unit with solenoid valve, filter and stopcock M1/2".
- Cross wall installation.
- Shock-resistant presence detector.
- **Detection distance, time flow and flow rate** can be adjusted during installation.
- 230/12V transformer supplied.
- **Presence detection delay is 3 seconds.**
- **Automatic pre-rinse** possible.
- **Time flow ~3 seconds** can be adjusted from 3 to 12 seconds.
- **Hygienic duty flush** every 24 hours after last use: prevents vacuums.
- Compatible with rain water.
- Flow rate 0.3 L/sec at 3 bar, can be adjusted.
- Escutcheon flush to wall.
- Threaded rod can be cut to size.
- Suitable for people with reduced mobility.
- 30-year warranty.



Product currently under development.

Cross wall TEMPOMATIC urinal valve		
For walls ≤ 200mm	430200	£401.80
For panels ≤ 30mm	430100	£390.00

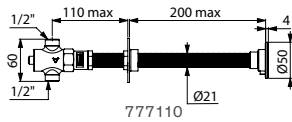
Alternative cross wall lengths available on request

TEMPSTOP

Cross wall time flow urinal flush valve



- For standard or siphon action urinals.
- For walls ≤ 200mm.
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated metal body M1/2".
- Push-button control with anti-rotating pin.
- Connecting nut.
- Threaded rod can be cut to size.
- 30-year warranty.



TEMPSTOP cross wall urinal valve		
777110	£126.54	

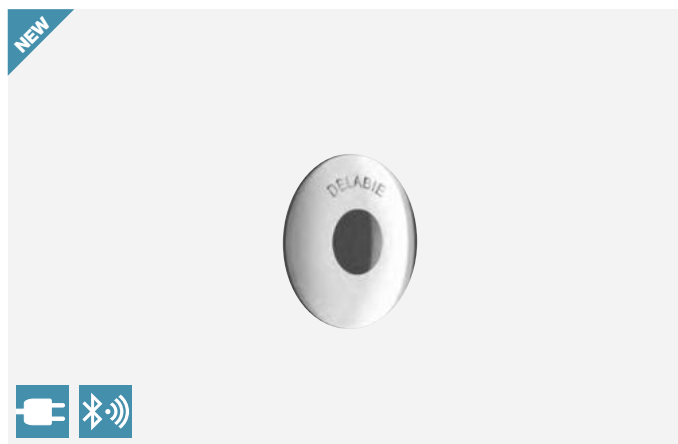
Alternative cross wall lengths available on request



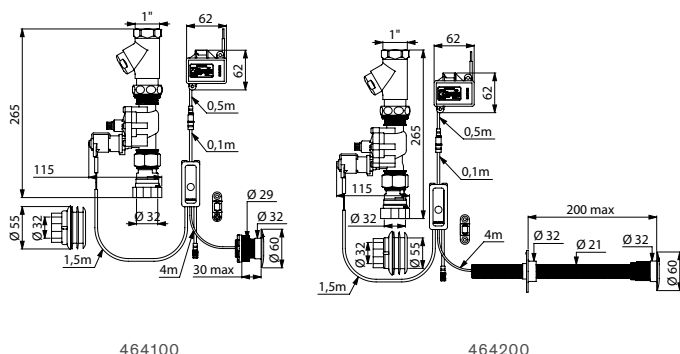
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is instantly available
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Hygiene:** electronic flush with no manual contact, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** voluntary activation or automatic flush

TEMPOMATIC

Cross wall electronic WC flush valve



- **Cistern-less WC flush system:** connects directly to the pipework.
- Mains supply with 1" solenoid valve.
- 230/12V transformer.
- Independent IP44 electronic unit.
- **Cross wall installation.**
- **Effective detection** thanks to dual sensors.
- **Touch-free activation** (by passing hand 4cm from sensor).
- **Flushes after each user.** If the user leaves the WC stall without flushing, an automatic flush will be activated to ensure washroom hygiene.
- **Bluetooth® configuration** via the DELABIE Connect app or set presence detection distance automatically by pressing the button on the electronic unit.
- Automatic "intelligent" flush: adapts flush volume according to use - 3L short flush, 6L long flush (can be adjusted).
- Stopcocks FF1".
- Vacuum breaker Ø 32mm.
- Connection washer Ø 32/55.
- Escutcheon flush to wall. Threaded rod can be cut to size.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec at 1 bar dynamic pressure.
- Suitable for rimless WC pans, and suitable for people with reduced mobility.
- 30-year warranty.



Product currently under development.

Cross wall TEMPOMATIC WC		
For panels ≤ 30mm	464100	£803.61
For walls ≤ 200mm	464200	£815.44

Alternative cross wall lengths available on request





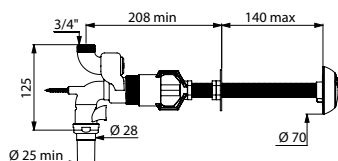
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is instantly available, 3L/6L dual flush
- **Vandal-resistant:** solid brass, cross wall installation, concealed fixings
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II

TEMPOFLUX 2

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls $\leq 140\text{mm}$.
- **3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Solid brass body.
- Chrome-plated metal push-button.
- In-line inlet $M\frac{3}{4}"$.
- Outlet connection for PVC tube $\varnothing 26/32\text{mm}$.
- Threaded rod can be cut to size.
- **Acoustic level complies with European standard EN 12541 class II.**
- **Supply pipe diameter:** $\varnothing 20\text{mm}$ minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



762150

Vandal-resistant

A **cross wall installation** is the most appropriate solution to withstand any risk of vandalism.

With its **chrome-plated metal** push-button flush to the wall, the valve cannot be ripped off.

Maintenance

Any maintenance on the cross wall TEMPOFLUX 2 is done via **service ducts**. It provides the **installer** with a higher level of **security** in the secure sector and better access.

Cartridges are easy to change without having to remove the valve.

Efficient direct flush

The flush valve is connected directly to the water supply.

Employing **the pressure from the system**, the flush is more effective.

Direct flush is **always available**, even for successive flushes.

There is no delay while the cistern refills. Solving the problem of intensive use (playtime in schools, half-time at a football match, break time in a factory, etc.).

Water savings

TEMPOFLUX 2 has a **3L/6L dual flush** which optimises flushing and water savings. **The flush volume can be adjusted to 2L/4L** to achieve the highest standards for international labels.

For more information see page 8.

Direct flush reduces the risk of leaks, unlike cisterns, where drips and leaks can go unnoticed and generate large water bills.

Comfort

Thanks to its **soft-touch operation**, TEMPOFLUX 2 cross wall can be operated by all users.

The **acoustic level is low** and complies with the requirements of the European standard EN 12541 class II.

Design

TEMPOFLUX 2 has a **timeless design**.

It fits in perfectly with any type of public and commercial building.

In prisons, products must be resistant and secure: concealed mechanisms, streamlined designs, etc.

The smooth lines reduce the build-up of dirt and facilitate cleaning.

TEMPOFLUX 2 WC cross wall	762150	£288.48
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- ## TEMPOFLUX 3 AB

-
- Technical drawing of the 1000 Series Hose Assembly showing dimensions: 136, 200 max, 3/4", 147, Ø 32, Ø 21, and Ø 50.

TEMPOFLUX 1

A circular, metallic, reflective object, possibly a coin or a small mirror, centered on a white background. The word "DELABIE" is visible on its surface.

- [illegible]

TEMPOFLUX 1 WC cross wall

Alternative cross wall lengths available on request

Secure sector 245





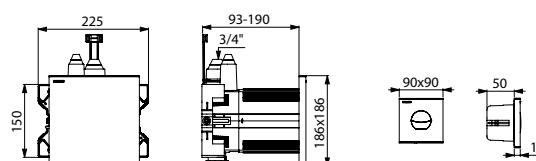
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is instantly available
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch controls, low acoustic level complies with EU standard EN 12541 class II, suitable for accessible WCs
- **Easy to install:** modular and adjustable waterproof housing

TEMPOFLUX 3 AB remote

Recessed time flow flush system



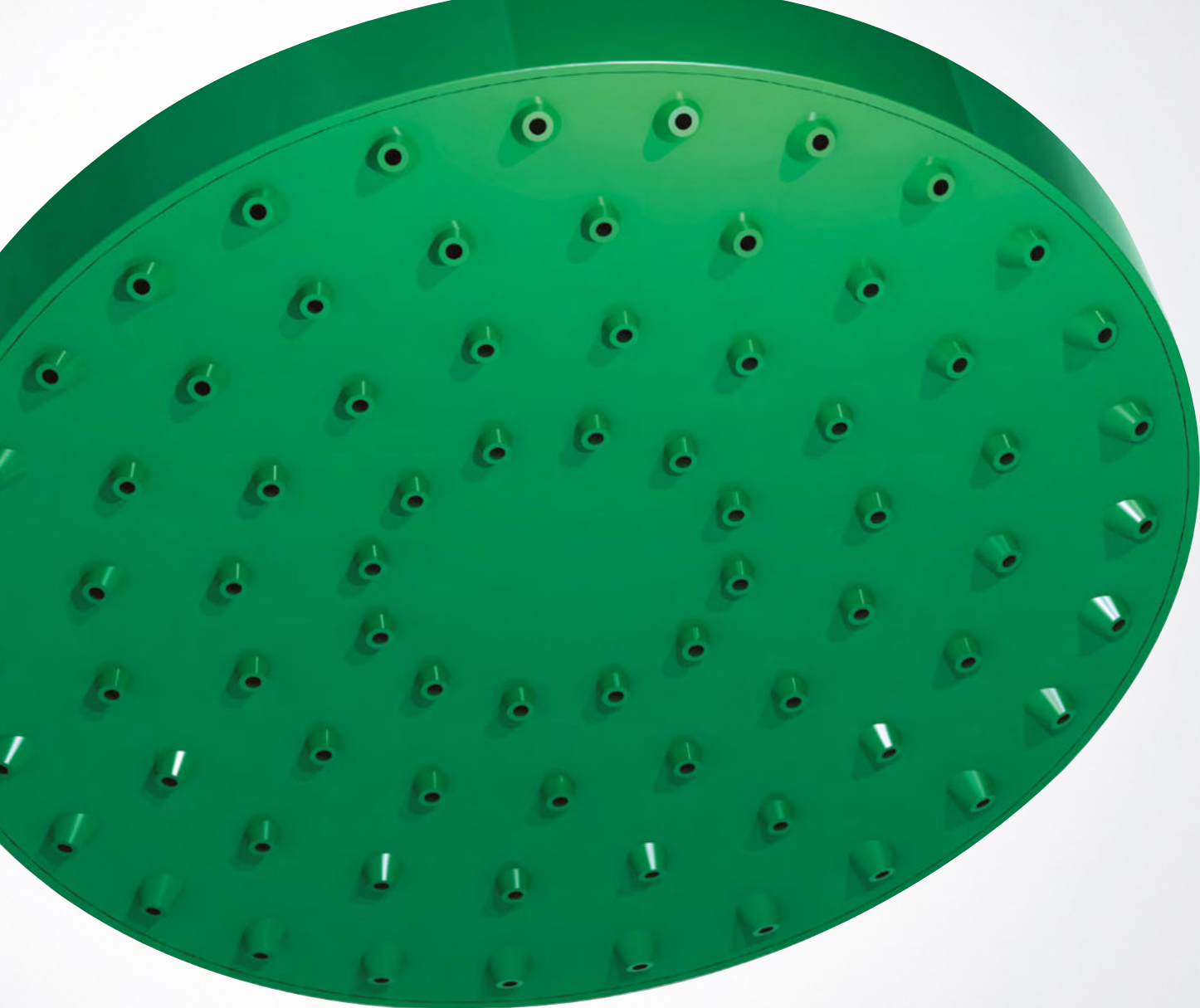
- **Flush system without cistern:** directly connected to pipework.
- **Wall plate** in satin stainless steel 186 × 186mm.
- **Time flow control plate** in satin stainless steel with chrome-plated button 90 × 90mm.
- Control plates mounted manually via concealed fixings.
- **Waterproof recessing housing:**
 - Collar with waterproof seal.
 - Hydraulic connection from the outside and maintenance from the front.
 - Adjusts to all types of installation (rails, solid walls, panels).
 - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
 - Suitable for standard or "pipe-in-pipe" supply.
 - Stopcock and flow rate adjustment, filter and cartridge are integrated and accessible from the front.
 - TEMPOFLUX 3 F^{3/4}" flush valve is compatible with sea water, rain water and grey water.
 - Vacuum breaker inside the housing.
- **Soft-touch operation.**
- **AB anti-blocking system:** water only flows when push-button is released.
- **Dual flush 3L/6L, can be adjusted to 2L/4L.**
- Outlet connection for PVC tube Ø 26/32mm.
- Acoustic level complies with European standard EN 12541 class II.
- **Supply pipe diameter:** Ø 20mm minimum internal pipe diameter is required at all points (connectors included).
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans and for people with reduced mobility.
- 30-year warranty.



Other installation possibilities: see page 224.

TEMPOFLUX 3 AB WC remote	763300	£447.89
We recommend a flush tube (see page 232)		

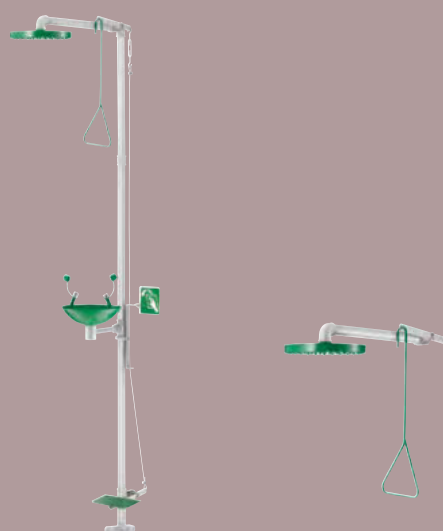
763300



Safety controls

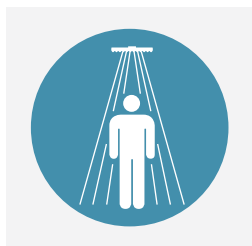
SOLUTIONS FOR SAFETY CONTROLS 250

SAFETY SHOWERS 253



EYE WASH STATIONS 254





Even, conical flow



Optimised rinsing for eyes



Frost-free system comes as standard



SAFETY CONTROLS: SPECIFICALLY DESIGNED FOR RAPID DECONTAMINATION

In order to address the risk of contamination to the body, face and/or eyes posed by harmful chemicals, DELABIE has developed a range of safety controls. DELABIE's safety showers and eye wash stations provide users with an **efficient decontamination** facility at the site of the incident, especially during the initial treatment phase.

Safety

The shower head with spray diffuser ensures an optimised spray for the whole body. The diameter and orientation of the diffuser ensures an **even, conical flow**.

The spray heads are fitted with aerators and stainless steel double filters to prevent any large debris in the water pipes coming into contact with the eyes. Protective caps prevent dust and other airborne contaminants entering the valve. The controls are easy to access.

Reliable

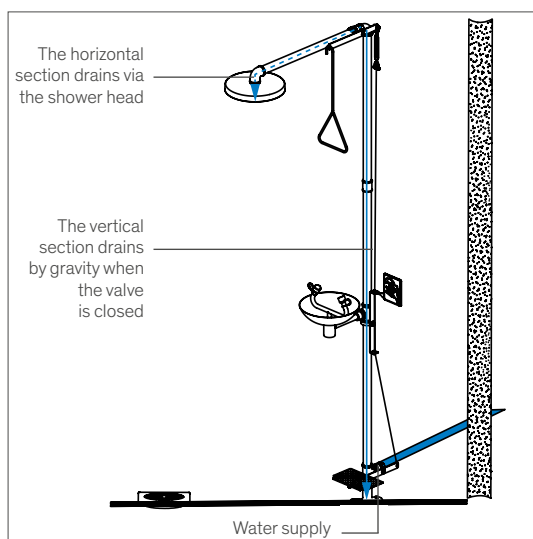
DELABIE's safety controls are fitted with **frost-free mechanisms as standard** (see below). They are made from corrosion-resistant materials.

Frost-free system as standard

Most safety equipment is installed outside or in buildings that are not heated. DELABIE's safety controls are fitted with frost-free systems as standard and can be installed inside or outside buildings.

The frost-free system ensures that the riser column and shower head will deliver a proper spray with every use (see below).

The upstream supply pipework must also be protected from freezing temperatures.



Efficient

DELABIE's safety controls deliver large flow rates which ensure rapid decontamination:

- Eye wash stations: flow rate 20 lpm at 3 bar dynamic pressure.
- Showers: flow rate 96 lpm at 3 bar dynamic pressure. The diameter and position of the 74 holes in the shower head are designed for optimised rinsing.

User comfort

The protective caps eject automatically with the pressure when the equipment is activated. The spray heads are fitted with aerators which ensure a **gentle spray** to avoid further injury to the user.

Quick to install

DELABIE's safety controls are quick and easy to install. A mixed, potable water supply should be considered (DELABIE recommends installing. A thermostatic mixing valve depending on the nature and flow rate of the equipment, see page 151). So that the location of safety controls can be easily identified, green identification signs are supplied with each item.

Easy to operate

DELABIE's safety controls are designed to be **quick and easy to operate**.

Water flows when the triangular handle is pulled, the foot pedal is pressed or the hand control is pulled towards the user.

Compliance

DELABIE's safety controls comply with the following European standards:

- safety showers: European standard EN15154-1.
- eye wash stations: European standard EN15154-2.
- identification signs: International standard ISO 3864-1 covering graphic symbols, safety colours and safety signs in the work place and public places. This standard is included in the European directive 92/58/CEE standard.

Easy to maintain

Standard parts **can be replaced without dismantling the equipment**. Maintenance staff can change the parts quickly and easily.

The equipment must be checked every 15 days to ensure that it is in good working order.

30-year warranty against any manufacturing defects.
50 years repairability.

**CIRCULAR
SHOWER HEAD**
Even, conical flow

ERGONOMIC HANDLE
activates shower
and eye wash simultaneously

**IDENTIFICATION SIGN
FOR EYE WASH STATIONS**

**EYE WASH STATION
WITH GENTLE SPRAY**
User comfort

STAINLESS STEEL BASIN
Reliable

DRAINAGE
F1¼"

FOOT CONTROL
activates eye wash



**IDENTIFICATION
SIGN FOR
SAFETY
SHOWERS**

**GALVANISED STEEL
RISER COLUMN**
Reliable



HAND CONTROL
activates eye wash

WATER INLET F1"

BRASS FIXING PLATE
Reliable





- **Effective:** high flow rates for rapid decontamination
- **Frost-free protection:** frost-free system as standard, riser column and shower head drain automatically
- **Comfort:** quick and easy to activate, gentle spray for users

Eye wash and shower combination

Free-standing



- **Frost-free system as standard.**
- 304 stainless steel basin Ø 250mm with green finish.
- Eye wash spray heads fitted with protective caps in shock-resistant, green ABS. Caps eject automatically when eye wash is activated.
- **Flow rate 20 lpm** at 3 bar dynamic pressure, aerators with stainless steel double filters.
- Circular shower head Ø 250mm in green, shock-resistant ABS.
- **Flow rate 96 lpm** at 3 bar dynamic pressure.
- Water supply F1".
- Pipes made from galvanised steel, grey powder-coated finish.
- Triangular pull handle in green powder-coated brass.
- Hand and foot controls in green powder-coated galvanised steel.
- Fixed to the floor by a brass plate (screws not included).
- Supplied with identification signs for first aid equipment: "Safety Shower" and "Safety Eye Wash".
- 30-year warranty.

Operation:

¼-turn, nickel-plated brass valves open and close quickly.

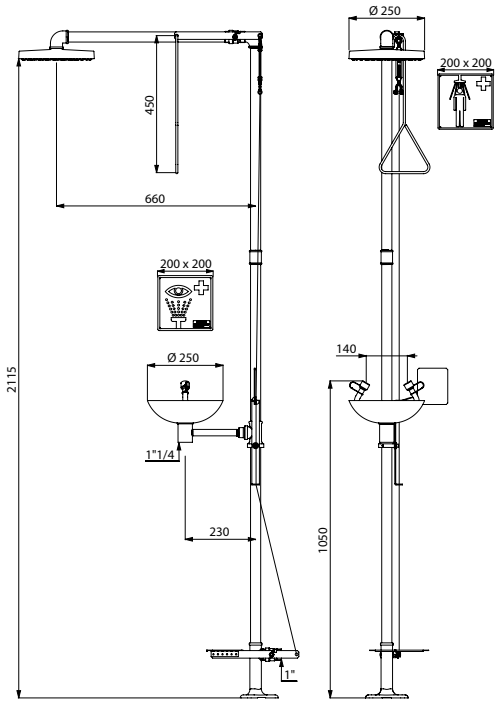
Simultaneous eye wash and shower:

- Water flows simply by pulling on the triangular handle.
- The flow will continue even when the handle is released.
- The flow will stop when the handle is returned to its original position.

Eye wash only:

- Water flow is operated by the foot pedal or the hand control.
- The eye wash will continue to flow when the pedal or hand control is released.
- The water flow will stop when the hand control is pulled towards the user or the foot pedal is raised.

The water does not shut off automatically, allowing the injured person to have both hands free (to remove their clothing, keep their eyes open, etc.).



9203

Eye wash and shower combination	9203	£1,119.28
We recommend installing a TMV (see page 143)		



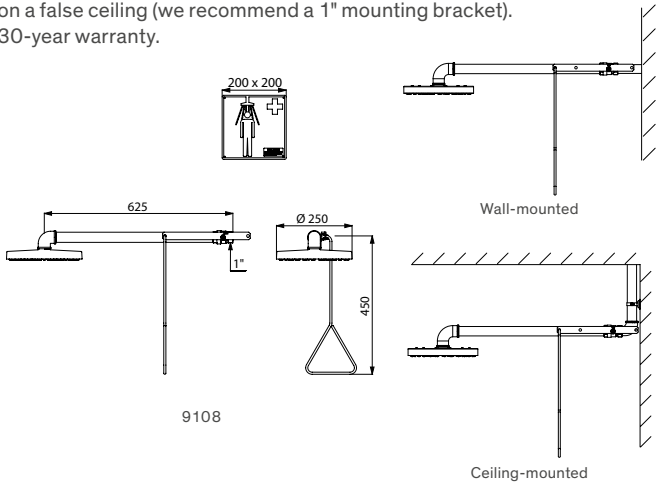
- **Effective:** large flow rate for rapid decontamination
- **Safety:** eye wash spray heads fitted with protective caps, stainless steel filters stop debris coming into contact with eyes
- **Frost-free protection:** frost-free system as standard, free-standing model drains automatically
- **Comfort:** quick and easy to activate, gentle spray for users

Wall-mounted recessed safety shower

Horizontal model with manual control



- **Frost-free system as standard.**
- Circular shower head Ø 250mm in green, shock-resistant ABS.
- ¼-turn, nickel-plated brass valve opens and closes quickly.
- Water flows simply by pulling on the triangular handle.
- The flow will continue even when the handle is released.
- The flow will stop when the handle is returned to its original position.
- **Flow rate 132 lpm** at 3 bar dynamic pressure.
- Water supply F1".
- Pipes made from galvanised steel, grey powder-coated finish.
- Triangular pull handle in green powder-coated brass.
- Supplied with identification sign for first aid equipment: "Safety Shower".
- For cross wall installation, with recessed supply, or for mounting on a false ceiling (we recommend a 1" mounting bracket).
- 30-year warranty.



Wall-mounted safety shower	9108	£230.66
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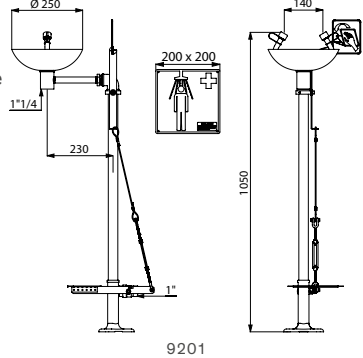
We recommend installing a TMV (see page 143)

Eye wash station

Manual and pedal control



- Eye wash station fitted with **frost-free system as standard.**
 - Green powder-coated 304 stainless steel basin Ø 250mm.
 - Eye wash spray heads fitted with protective caps in green ABS; will eject automatically when activated.
 - ¼-turn, nickel-plated brass valves open and close quickly.
- Operation:**
- Model 9201: water runs when pedal or manual control is pushed.
 - Model 9102: water runs when manual control is pushed.
 - The eye wash will continue to operate when the pedal or manual control is released. The water flow will stop when the manual control is pulled towards the user and the pedal is raised on the free-standing model.
 - **Flow rate 20 lpm** at 3 bar dynamic pressure, aerators with stainless steel double filters.
 - Pipes made from galvanised steel, powder-coated grey finish.
 - Pedal and manual controls in green powder-coated galvanised steel.
 - Fixed to the floor by a brass plate (screws not included).
 - Supplied with identification sign for first aid equipment: "Safety Eye Wash".
 - 30-year warranty.



Eye wash station		
Free-standing, water supply F1"	9201	£761.89
Wall-mounted, water supply M½"	9102	£470.27

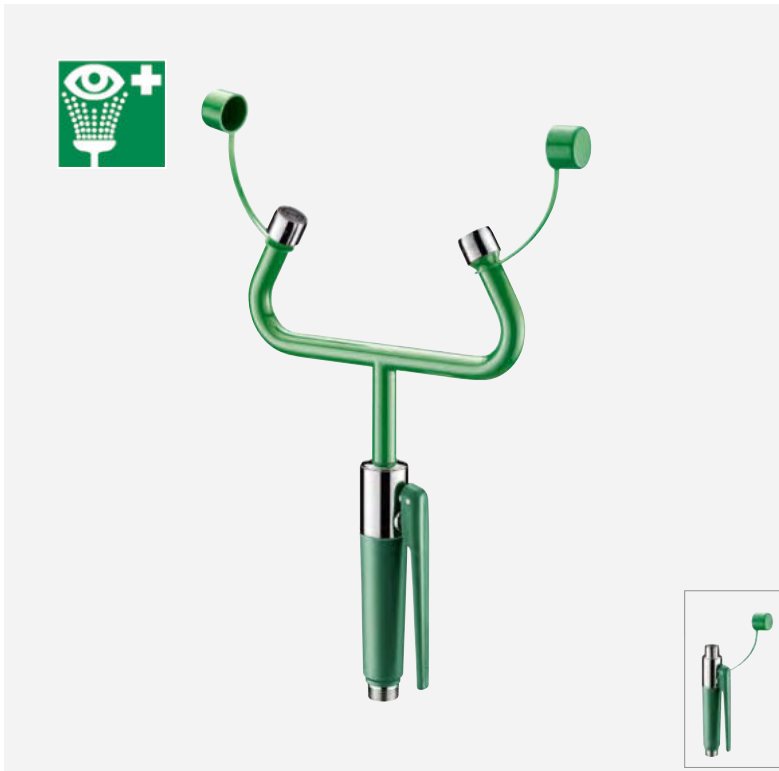
We recommend installing a TMV (see page 143)



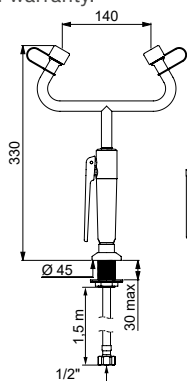
- **Effective:** large flow rate for rapid decontamination
- **Safety:** eye wash spray heads fitted with protective caps, stainless steel filters stop debris coming into contact with eyes
- **Comfort:** ergonomic grip in green polypropylene

Trigger-operated eye wash - dual / single spray

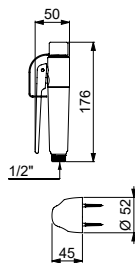
Trigger-operated



- Eye wash spray heads fitted with protective caps in green ABS; will eject automatically when activated.
- Press the trigger to operate eye wash spray.
- A spring automatically shuts off spray.
- Aerator with stainless steel double filters.
- Ergonomic grip and trigger in green polypropylene.
- Supplied with identification sign for first aid equipment: "Safety Eye Wash".
- 30-year warranty.

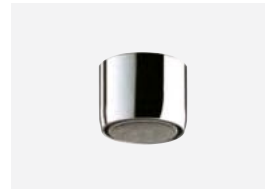


9141



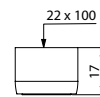
9120C

Additional fittings



Aerator F22/100:

- Aerator F22/100 with grid for comfortable spray.
- For hand sprays ref. 9120C, 9140C, 9121 and 9141 or for eye wash stations ref. 9102, 9201 and 9203.



A22D75

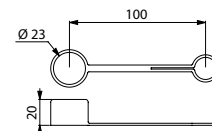
Aerator F22/100

For hand sprays	A22D75	£20.38
For eye wash stations	A22LY75	£20.38



Protective caps for aerators:

- Protective caps in green, shock-resistant ABS to protect the spray heads.
- Eject automatically when eye wash is activated.
- Supplied in packs of 2.



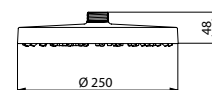
91AA75

Protective caps	91AA75	£9.30
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Shower head:

- Circular shower head Ø 250mm M1".
- Green, shock-resistant ABS.
- **Flow rate 132 lpm** at 3 bar dynamic pressure.
- Water supply F1".
- 30-year warranty.



9225

Shower head	9225	£64.89
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Trigger-operated eye wash - dual spray (flow rate 9 lpm)		
Wall-mounted with flexible and support	9121	£227.49
Deck-mounted, flexible L.1.50m 15 x 100 1/2"	9141	£281.91
Trigger-operated eye wash - single spray (flow rate 6 lpm)		
Wall-mounted with flexible and support	9120C	£199.05
Deck-mounted, flexible L.1.50m 15 x 100 1/2"	9140C	£246.41

We recommend installing a TMV (see page 143)



Sanitary technical data

Spare parts

Reference index

SANITARY
TECHNICAL DATA

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SPARE PARTS

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REFERENCE INDEX

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GENERAL RULES FOR SANITARY INSTALLATIONS

Sanitary installations must comply with local and national water supply regulations (Water Supply Regulations, Scottish Bylaws, NF P 41-205).

These are, however, often incomplete for installations fitted with time flow controls. They require a particular assessment.

Pipework diameters are often chosen depending on the flow rate they provide to the different points-of-use, their development, the distribution height and the minimum static pressure available.

Every country has its own rules based on the same principals. Please refer to local and national regulations.

CALCULATION CRITERIA FOR WATER SUPPLY PIPES

Total pressure

Static pressure at the water meter.

Static pressure

Pressure with no flow at a single point in the installation.

Dynamic pressure

Pressure under flow at a single point in the installation.

Maximum pressure for time flow valves to operate: 10 bar.

Recommended pressure range: 1 to 5 bar.

Recommended pressure on each floor: 3 bar.

(x) = number of time flow or electronic valves per installation branch.

Base flow rate (Q mini L/sec.)

Minimum flow rate per fitting, serving as model for calculation.

The base flow rates of time flow and electronic valves are mentioned in the catalogue and *table 2* (see page 260).

Base flow rates are always presented in relation to dynamic pressure.

Gross flow rate (Q)

Sum of base flow rate of the different valves on the same branch.

Design flow rate

Gross flow rate (Q) x simultaneous coefficient (Y).

Simultaneous coefficient

(Y) coefficient to apply to gross flow rate, relative to the number of installed valves (x) to simulate the number of valves operating simultaneously.

This coefficient will vary according to the type of product, run time and frequency of use of the sanitary facilities.

For example: the probability of having multiple showers operating at the same time is a lot higher than it is for WC flushes: a DELABIE shower runs for approximately 30 seconds at a time (over the length of the shower) while WC direct flush system (without cistern) only lasts a few seconds.

• Point-of-use: urinal, shower or basin.

Use the following formula:

$$Y = \frac{0.8}{\sqrt{x-1}}$$

• Direct flush valve (WC system without cistern)

Flush valves, which only operate for a few seconds, aren't counted the same way as other fittings in the calculation. These flush valve equivalents are as follows:

- for 3 installed valves: 1 valve operating,
- for 4 to 12 installed valves: 2 valves operating,
- for 13 to 24 installed valves: 3 valves operating,
- for 25 to 50 installed valves: 4 valves operating,
- for more than 50 installed valves : 5 valves operating.

Please note minimum dynamic pressure required for the correct functioning of fittings is as follows:

Product family	Ranges	Required dynamic pressure
Basins	TEMPOSTOP, TEMPOGENOU, MIX-MONOFOOT, TEMPOMATIC, BINOPTIC	0.5 bar min.
	TEMPOSOF, TEMPOMIX	1 bar min.
Showers	TEMPOSTOP, TEMPOMATIC, mechanical	0.5 bar min.
	SPORTING 2, TEMPOSOF, TEMPOMIX, OUTDOOR	1 bar min.
Urinals	TEMPOSTOP, TEMPOMATIC	0.5 bar min.
	TEMPOSOF, TEMPOFLUX	1 bar min.
WCs	TEMPOFLUX, TEMPOCHASSE, TEMPOMATIC	1 bar min.






RECOMMENDATIONS FOR CONNECTION PIPE DIAMETER

To simplify your work, here are DELABIE's recommendations for selecting the correct internal diameter for horizontal final pipework (*table 1*). These diameters are calculated according to the base flow rates recommended by DELABIE for each point-of-use as well as the simultaneous coefficient calculated following the rules detailed in the previous chapter.

For pipes that are joined or connected using other types of quick connectors, the interior diameter of the passage through the connection should be verified.

Important: after choosing the diameter, check whether the residual dynamic pressure is sufficient at the valve inlets. Loss of pressure in the installation should also be considered.

TABLE 1 / PIPEWORK DIAMETER RELATIVE TO THE NUMBER OF TIME FLOW OR ELECTRONIC VALVES
Horizontal pipe runs - Design velocity 2 m/sec.

Time flow or electronic valve	Number of valves supplied on the same pipe run	FLOW RATE		PIPE Minimum interior diameter
		Gross flow rate L/sec.	Design corrected L/sec.	
 BASIN Base flow rate 0.05 L/sec.	1	0.05	0.05	6
	2 or 3	0.10 to 0.15	0.08	7
	4 to 6	0.20 to 0.30	0.09 to 0.11	8
	7 to 11	0.35 to 0.55	0.11 to 0.14	9
	12 to 17	0.60 to 0.85	0.14 to 0.17	10
	18 to 25	0.90 to 1.25	0.17 to 0.20	11
	26 to 36	1.30 to 1.80	0.21 to 0.24	12
	37 to 50	1.85 to 2.50	0.25 to 0.29	13
 SHOWER Base flow rate 0.10 L/sec.	1	0.10	0.10	8
	2 or 3	0.20 to 0.30	0.16 to 0.17	10
	4 or 5	0.40 to 0.50	0.18 to 0.20	11
	6 to 8	0.60 to 0.80	0.21 to 0.24	12
	9 to 15	0.90 to 1.50	0.25 to 0.32	13 to 14
	16 to 27	1.60 to 2.70	0.33 to 0.42	15 to 16
	28 to 50	2.80 to 5	0.43 to 0.57	17 to 19
 URINAL With water nozzle and stall Flow rate 0.15 L/sec.	1	0.15	0.15	10
	2 to 4	0.3 to 0.60	0.24 to 0.28	12 to 13
	5 to 8	0.75 to 1.20	0.30 to 0.36	14 to 15
	9 to 14	1.35 to 2.10	0.38 to 0.47	16 to 17
	15 to 23	2.25 to 3.45	0.48 to 0.59	18 to 19
	24 to 35	3.60 to 5.25	0.60 to 0.72	20 to 21
	36 to 50	5.40 to 7.50	0.73 to 0.86	22 to 23
 SIPHON ACTION URINAL With small independent plastic or ceramic waste Base flow rate 0.25 L/sec.	1	0.25	0.25	13
	2 or 3	0.50 to 0.75	0.40 to 0.42	16
	4 to 7	1 to 1.75	0.46 to 0.57	17 to 19
	8 to 14	2 to 3.50	0.60 to 0.78	20 to 22
	15 to 25	3.75 to 6.25	0.80 to 1.02	23 to 25
	26 to 34	6.50 to 8.50	1.04 to 1.18	26 to 27
	35 to 50	8.75 to 12.50	1.20 to 1.43	28 to 30
 DIRECT FLUSH WC ¾" to 1¼" Base flow rate 1 L/sec.	1	1	1	20
	2 or 3	2 to 3	1	25
	4 to 12	4 to 12	2	36
	13 to 24	13 to 24	3	44
	25 to 50	25 to 50	4	50
	+50	+50	5	56

RECOMMENDATIONS FOR SIZING HORIZONTAL FINAL PIPEWORK

In order to determine the simultaneous coefficient, apply the recommendations from the DTU.
Supply direct flush systems separately.

TABLE 2 / CALCULATION RULES FOR CONSIDERING SIMULTANEITY

	BASINS	SHOWERS	URINALS	SIPHON ACTION URINAL	WC
Base flow rate (Q min.)	0.05 L/sec.	0.10 L/sec.	0.15 L/sec.	0.25 L/sec.	1 L/sec.
Simultaneous coefficient (Y)	$\frac{0.8}{\sqrt{(x-1)}}^*$	$\frac{0.8}{\sqrt{(x-1)}}^*$	$\frac{0.8}{\sqrt{(x-1)}}^*$	$\frac{0.8}{\sqrt{(x-1)}}^*$	3 valves installed: 1 valve operating 4 to 12 valves installed: 2 valves operating 13 to 24 valves installed: 3 valves operating 25 to 50 valves installed: 4 valves operating more than 50 valves installed: 5 valves operating.
Design velocity (V)	2 m/sec.				

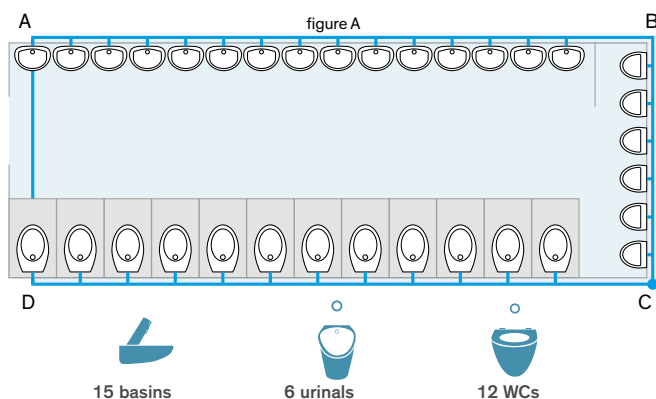
*The formula presented here is with regards to general use.

In the event of intensive use due to spikes in consumption (schools during break time, stadiums during half time, etc.), consult the project manager in order to establish the adequate level of simultaneity.

The constant of 0.8 can therefore be increased to a maximum of 2.

1. Collect installation data for each branch

Example:



2. Calculate the design flow rate per installation branch

Add the base flow rates from the different fittings.
See Q min. calculation table 2.

• ABC branch: basins & urinals

Gross flow rate

	Branch	Number of fittings	Min. flow rate (Q min.)	Gross flow rate (Q)
	AB	15 basins	X 0.05 L/sec.	= 0.75 L/sec.
	BC	6 urinals	X 0.15 L/sec.	= 0.9 L/sec.
		21 fittings	Gross flow rate (Q min.)	= 1.65 L/sec.

Simultaneous coefficient

To determine the simultaneous coefficient, follow the recommendations in table 2 and apply the formula:

$$Y = \frac{0.8}{\sqrt{(x-1)}}$$

Probable flow rate

Then multiply the gross flow rate (Q) with the simultaneous coefficient (Y) in order to determine the probable flow rate.

Gross flow rate (Q)	Simultaneous coefficient (Y)	Design flow rate
1.65 L/sec.	X $\frac{0.8}{\sqrt{(21-1)}}$	= 0.30 L/sec.

• CD branch: Direct flush systems

Gross flow rate: 1 L/sec.

Branch	Number of fittings
CD	12 WC

Simultaneous coefficient

For direct flush, follow the recommendations in table 2.

For 12 flush valves installed, there will only be 2 used simultaneously.

Probable flow rate

Min. flow rate	Number of valves counted	Probable flow rate
1 L/sec.	X 2	= 2 L/sec.

3. Choice of pipework diameter: using the DARIES Abacus chart

Reading the DARIES ABACUS

Mark the design flow rate and the design velocity, join these points with a ruler.

The diameter and pressure drops can now be read on the corresponding scales.

• ABC branch: basins & urinals

(V) Design velocity = 2 m/sec.

(Q) Design flow rate = 0.30 L/sec.

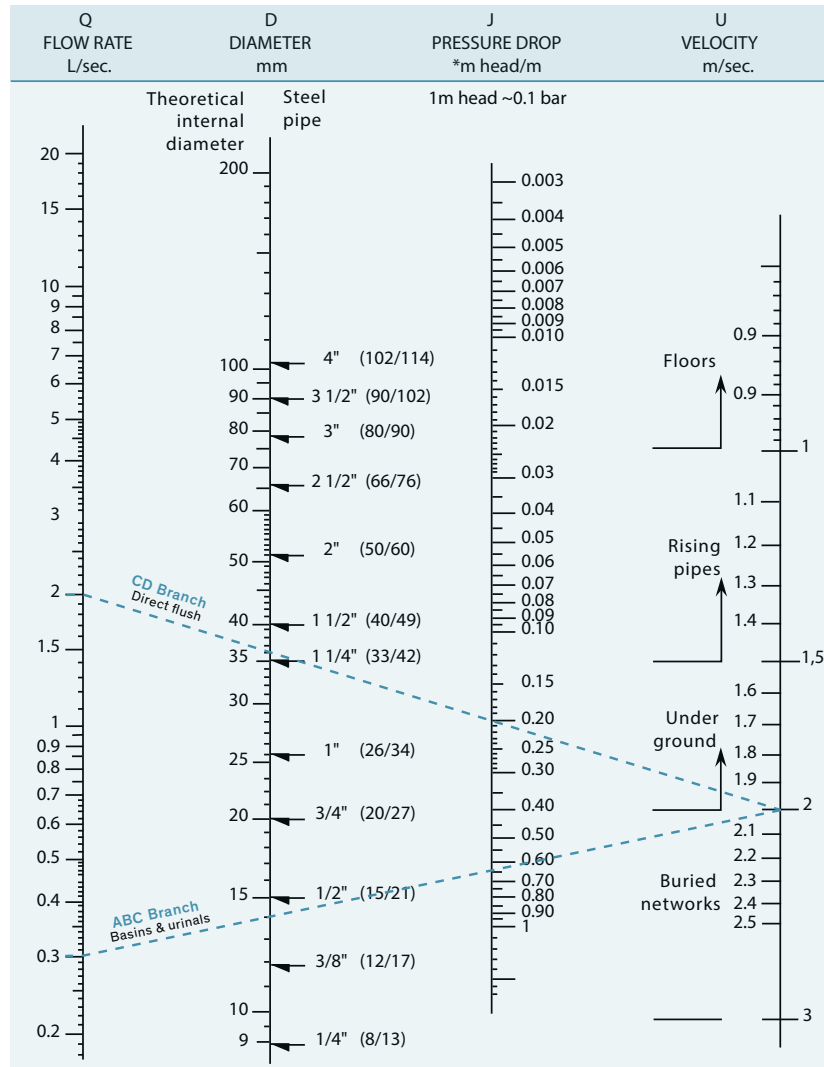
- Ø minimum interior of final horizontal pipework: 14mm

• **CD branch: direct flush**

(V) Design velocity = 2 m/sec.

(Q) Design flow rate = 2 L/sec.

- Ø minimum interior of final horizontal pipework: 36mm



4. Pressure drop

In line with the rules of use, the pressure drop should be checked in the whole installation so as to confirm the choice of diameter.

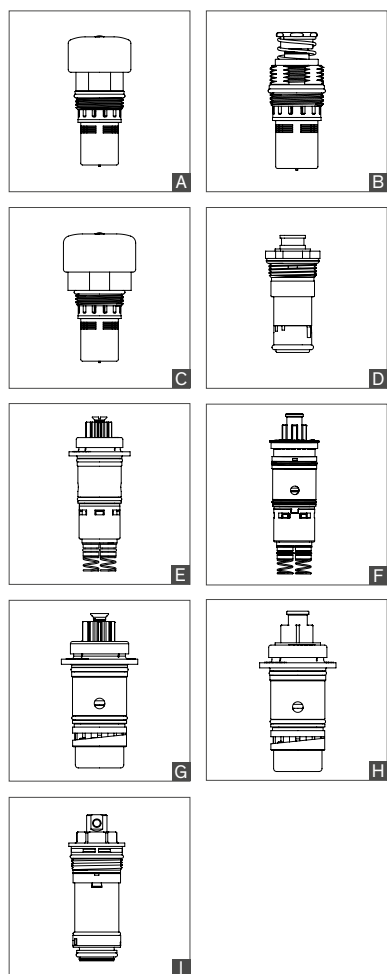
There are 3 types of pressure loss to consider:

- **Regular (or linear) pressure drops** concerning the installation. They are linked to friction in the pipework. The material (copper, multilayer, PEX, iron) used for the pipework also plays a role.
- **Slopes (or variation in altitude)** in the installation.
- **Specific (or individual) pressure drops** are linked to the equipment (water meter, pressure reducers, boilers, group thermostatic mixing valves, elbows etc.). Contact manufacturers for more information.

Then check that the residual dynamic pressure is sufficient at each point-of-use.

If the drops in pressure are too significant to supply the furthest valve, choose a larger diameter or use a tank with a pressure pump (contact manufacturers).

BASINS



Cartridges

Cartridges	Time flow (sec.)	Maintenance kit		Complete cartridge	Type	
For TEMPOSTOP basin controls						
744000, 745100, 745107, 745200, 745250, 745257, 745300, 746000, 746007, 746292	7	-	-	743005	£51.48	A
745440, 745450, 746410, 747121, 748126	7	-	-	743305	£51.48	B
737152, 737202	3	-	-	743323	£51.48	B
741943, 741945, 747122L, 702451	7	-	-	743205	£68.75	B
744001, 745101, 745301, 745351, 746001	7	-	-	743105	£69.80	A
748150	15	-	-	743010	£51.48	A
748151	15	-	-	743115	£68.40	A
For TEMPOSTOP 2 / TEMPOMIX 2 basin controls						
70000015, 700100, 702000	7	-	-	743907	£65.21	C
70000015, 700100, 702000	15	-	-	743902	£65.21	-
70000115, 700101, 702301, 702351	7	-	-	743908	£83.50	C
70000115, 700101, 702301, 702351	15	-	-	743915	£83.50	-
7040015, 700500, 702400	7	-	-	743305	£51.48	B
For TEMPOSOF basin controls						
740000, 741000, 74200015, 742100	7	-	-	743747	£47.66	D
For TEMPOSOF 2 basin controls						
740300, 740500, 741500, 741550, 74250015, 742510	7	-	-	743747	£47.66	D
740300, 740500, 741500, 741550, 74250015, 742510	15	-	-	743742	£47.66	D
For TEMPOMIX basin controls						
79500015 and 795100AB (previous design)	7	753795	£62.31	743795	£101.01	E
79500015 and 795100AB (new design)	7	753795	£62.31	743791	£101.01	F
795209	7	753796	£62.31	743798	£101.01	G
796000, 796838, 797000, 798152 (new design)	7	753796	£62.31	743796	£101.01	G
796000, 796838, 798152 (new design)	7	753796	£62.31	743786	£101.01	H
For TEMPOMIX 3 basin controls						
79400015, 794100, 794150, 794155, 794160, 794165, 794050, 794055, 794350, 794360, 794370, 794200, 794250	7	-	-	743794	£95.25	I
For non-manual basin controls						
TEMPOGENOU 734100, 735000, 735400, 73544715	7	-	-	743305	£51.48	B

SHOWERS

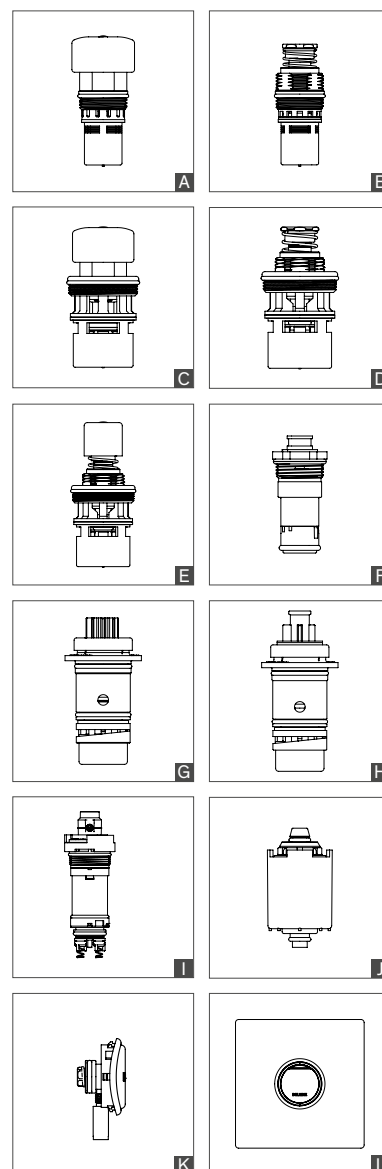
Cartridges	Time flow (sec.)	Maintenance kit		Complete cartridge		Type
For TEMPOSTOP showers						
747000, 748000	15	-	-	743010	£51.48	A
747004, 747006, 747500	15	-	-	743310	£51.48	B
749000	30	-		743749	£68.69	C
749BOX	30	753149	£31.58	743644	£83.29	-
749570, 749700, 749770, 749001, 749715, 749725	30	753149	£31.58	743700	£72.74	C
749142, 749146, 749152, 749159, 749212, 749219	30	753149	£31.58	743642	£72.74	D
749128, 749628, 749925	30	753149	£31.58	743428	£72.74	E
747122, 747214	15	-	-	743215	£69.80	B
For TEMPOSOFT 2 showers						
747800, 747801, 748800, 749422, 749428, 749429, 749870	30	-	-	743743	£47.66	F
For TEMPOMIX showers						
790000, 790001, 790006, 790008, 790204, 790214, 790218, 790219, 790300, 790305, 790310, 790350, 790425, 790427, 790709, 790712, 790874, 790875, 790909, 790912, 790925, 790927, 790970 (old design)	30	753790	£62.31	743790	£101.01	G
790000, 790001, 790006, 790008, 790204, 790214, 790218, 790219, 790300, 790305, 790310, 790350, 790425, 790427, 790709, 790712, 790874, 790875, 790909, 790912, 790925 790927, 790970 (new design)	30	753790	£62.31	743789	£101.01	H
796152, 796159, 796202, 796209	30	753790	£62.31	743797	£101.01	G
For TEMPOMIX 3 showers						
794450, 794400, 794470, 794218, 794219	30	-	-	743799	£115.46	I
For SPORTING showers						
713000, 714000, 714002	30	-	-	743714	£31.58	J
Starter only for: ditto	-	-	-	714764	£39.61	-
714700	30	-	-	743715	£31.58	J
Starter only for: 714700	-	-	-	714EAS	£32.75	K
Recessed nozzle	-	-	-	714BE	£13.76	-
For OUTDOOR shower column						
717510, 717511, 717520, 717521, 717540 (shower)	15	-	-	743742	£47.66	F
717511, 717521 (foot-rinse)	3	-	-	743744	£52.90	-

Control plate

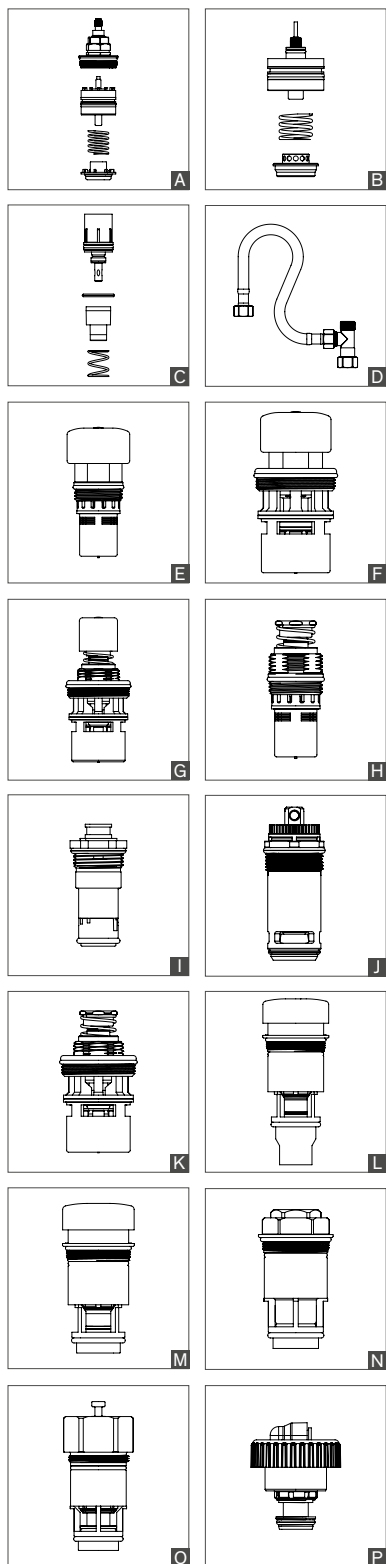
For TEMPOMIX 3 recessed shower	794PLAQ	£109.87	L
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Thermostatic cartridge

For SECURITHERM shower panel			
792300, 792303, 792304, 792305, 792310, 792313, 792314, 792320, 792324, 792330, 792334, 792340, 792344, 792350, 792354, 792370, 792380, 792390, 792400, 792403, 792404, 792410, 792413, 792414, 792504, 792514	743792	£147.73	-



THERMOSTATIC MIXERS



	Repair kit	Type
For PREMIX COMFORT after June 2008		
731002, 731200, 731003, 731300	753730 £146.52	A
731004, 731400, 731005, 731500	753735 £184.58	B
For PREMIX COMPACT		
733015, 733016, 733020, 733021 (previous design)	753733 £46.79	C
For PREMIX NANO		
Connection kit 3/8" for 732216	732515 £49.37	D

URINALS

Cartridges	Time flow (sec.)	Maintenance kit	Complete cartridge	Type
For TEMPOSTOP urinals				
777000, 778000	3	-	743003 £51.48	E
779000	7	-	743707 £72.74	F
778BOX	7	-	743645 £83.29	-
779128, 779427	7	-	743528 £72.74	G
777200, 777924, 538300, 538350, 538400, 538450	3	-	743323 £51.48	H
For TEMPOSOFT 2 urinals				
777130, 777140, 777800, 778800	3	-	743744 £52.90	I
For TEMPOFLUX urinals				
778755, 778757, 778700	3	-	743778 £63.64	J
778755, 778757, 778700	7	-	743777 £62.10	J

CISTERN-LESS WC's

Cartridges	Time flow (sec.)	Maintenance kit	Complete cartridge	Type
For TEMPOCHASSE WC's				
760000, 760004, 760005, 760450	7	753779 £31.58	743779 £68.69	F
760150, 760220, 760605, 760627, 760700	7	753779 £31.58	743605 £68.69	K
760410	7	753779 £31.58	743705 £68.69	K
For TEMPOFLUX WC's				
761000, 761001, 761002, 761003, 761004, 761025	7	753761 £40.19	743761 £68.69	L
761627, 761900, 761920, 761150, 761200, 761700	7	753761 £40.19	743762 £68.69	M
For TEMPOFLUX 2 WC's				
762901, 762902, 576211, 578300, 578305, 762150	7	-	743622 £83.92	O
576227, 578400, 578405	7	-	743677 £122.41	
For TEMPOFLUX 3 WC's				
763000, 763030, 763040, 763041, 763256, 763266	7	-	743765 £48.18	P

AERATORS, FLOW STRAIGHTENERS, FILTERS, SCREWS, OTHER

	Repair kit		Type
Scale-resistant aerators			
F22 with ECO washer (2 per pack)	925622.2P	£16.10	A
M24 with ECO washer (2 per pack)	925624.2P	£16.10	B
Comfort aerators			
M16.5×100 (2 per pack)	925616.2P	£16.10	C
Removal key	222429	£4.61	D
ECO aerators 1.4 lpm			
M24×100 (2 per pack)	925724.2P	£13.72	E
M16.5×100 (2 per pack)	925716.2P	£19.46	F
Flow straighteners at 3 lpm adjustable with 2.5mm Allen key			
F22×100 with adjustable flow rate (2 per pack)	922022.2P	£11.36	G
M24×100 with adjustable flow rate (2 per pack)	922024.2P	£12.18	H
Key to adjust (2.5mm Allen key)	C282025	£12.57	K
Flow straighteners			
Ø 18 for TEMPOSTOP 2 and TEMPOMIX 2	700BJ	£4.94	-
Ø 13mm for TEMPOSTOP, TEMPOSOF 2 and TEMPOSTOP 3	BJ13V	£1.93	-
M16.5×100 (2 per pack)	922016.2P	£9.30	I
Removal key for flow straightener M16.5×100	222429	£4.61	D
BIOSAFE outlet			
M16.5×100 (2 per pack)	923016.2P	£9.30	J
Removal key	222429	£4.61	D
Flat filter washer			
Nylon, mesh 0.5mm for nuts ½" (10 per pack)	60212.10P	£21.02	L
Nylon, mesh 0.5mm for nuts ¾" (10 per pack)	60234.10P	£24.03	L
Conical filter 0.5mm mesh for nuts ¾" (10 per pack)	60438.10P	£21.02	-
Non-return valves			
DW15	900015	£6.40	-
DW20	900020	£12.93	-
Reinforced fixing kits for deck-mounted basin taps			
Fixing plate	256P	£11.53	-
Fixing plate with threaded rods	256FIX	£14.43	-

BINECO CONTROLS

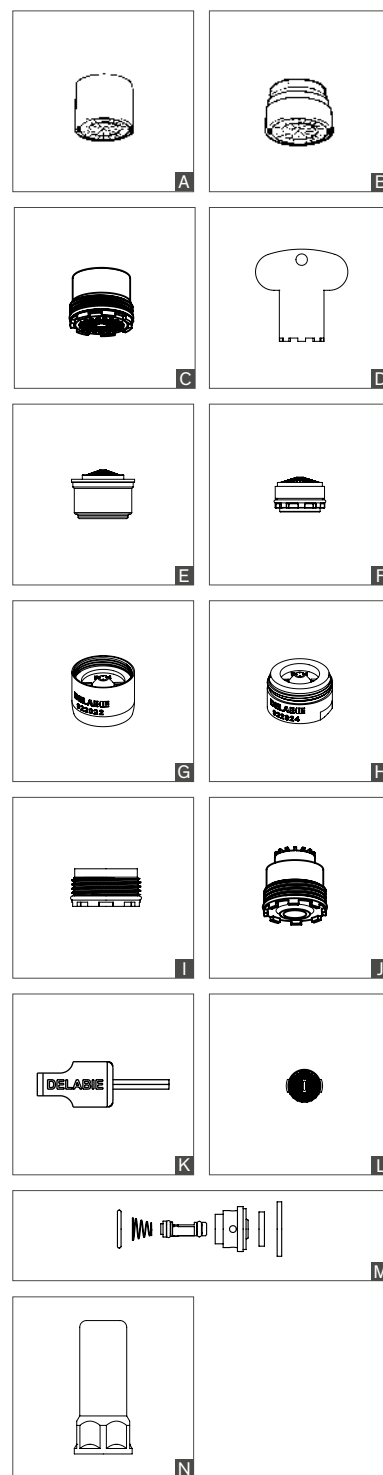
	Repair kit		Type
BINECO shower, water fountain tap and bubbler			
For shower push-starter 83000, 84000, 83APL, 84APL For water fountain tap and bubbler 311, 312, 319, 322, 323.	KBP311N	£13.22	M

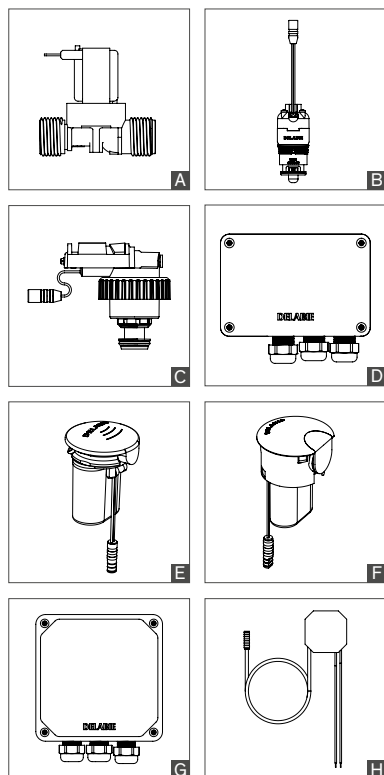
WATER HAMMER ABSORBERS ADLACTON

- With stainless steel spring and piston
- Absorbs the smallest variations in pressure and water hammer up to 20 bar. Solid cast brass.



Water hammer absorbers ADLACTON			
F½" - H. 90mm	23015	£40.15	N
F¾" - H. 92mm	23020	£43.59	N
F1" - H. 98mm	23026	£80.31	N
F1¼" - H. 103mm	23033	£143.42	N





SOLENOID VALVES

For basins, showers, urinals and WCs

12V MM½" for TEMPOMATIC showers or urinals	495626	£58.14	A
12V MM¾" for TEMPOMATIC 1 and 2, BINOPTIC & TEMPOMATIC for basins	495612	£57.28	A
12V MM¾" for TEMPOMATIC multi-urinals	429101	£77.56	A
12V MM1" for WCs and urinals except 463326	461035	£127.02	-
6V for TEMPOMATIC 3 basins (previous design)	479651	£129.90	B
6V for TEMPOMATIC 3 basins (after May 2023)	479650	£129.90	B
6V for TEMPOMATIC 4 basins (with adjustable flow rate)	479650	£129.90	B
6V MM¾" for TEMPOMATIC 1 and 2 and BINOPTIC	495606	£129.90	-
6V MM½" for TEMPOMATIC 4 for urinals/shower and recessed BINOPTIC	430646	£92.20	-
6V for TEMPOMATIC 3 urinals	492647	£209.00	-
Electronic unit for TEMPOMATIC WC dual control	461032Y	£129.90	C
12V F1"-F1¼" for WC with backflow prevention device and stopcock for TEMPOMATIC multifunction unit and TEMPOMATIC WC	463SRH	£263.89	-

ELECTRONIC CONTROL UNITS

For basins, showers, urinals and WCs

230/12V standard with "duty flush" option, with transformer for basins	495444BC	£238.54	D
6V with integrated batteries for TEMPOMATIC 3 basins	492446	£229.26	E
6V with integrated batteries TEMPOMATIC 4 basins	490454	£229.26	F
6V for TEMPOMATIC 4 basins, mains supply	490452T	£229.26	F
230/12V multifunction with transformer for basins, showers, flush type 461...	495445BC	£352.07	D
6V battery-operated for basins	495446BC	£410.82	D
6V with integrated batteries for TEMPOMATIC 3 urinals	479446	£254.04	E
6V with integrated batteries for TEMPOMATIC 4 urinals	479437	£217.16	F
230/12V multifunction with transformer for dual flush type 463...	463000	£357.16	G

SUPPLY CABLES

For TEMPOMATIC 4 basin with mains supply

6V recessed supply	490240	£80.31	H
Extension	490230EXT	£24.67	-

SENSORS

For basins, showers, urinals and WCs

With cable 0.70m	495070	£102.59	A
With cable 1.50m	495149	£113.10	A
For BINOPTIC basin and TEMPOMATIC 2 basin, cable 0.70m	CEL378V	£79.64	-
For BINOPTIC basin and TEMPOMATIC 2 basin, cable 1.50m	CEL378150V	£102.11	-

NB: cable cannot be extended or cut

BATTERIES

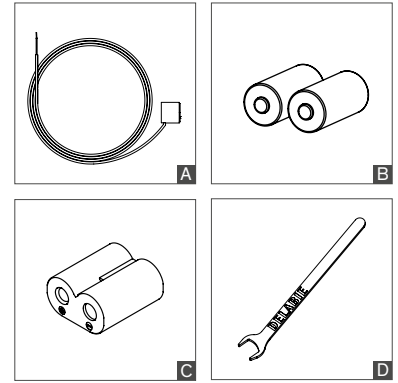
For basins, showers, urinals and WCs

2 batteries 3V Lithium CR123 17345	990123	£22.38	B
1 battery 6V Lithium 223 CR-P2	990223	£25.15	C

SPECIAL TOOLS

For waterproof recessed housing

Spanner for 430PBOX, 430SBOX, 431PBOX, 431SBOX, 778BOX, 794BOX1, 794BOX3	430CLE	£31.75	D
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WATER REGULATIONS ADVISORY SERVICE



All sanitary fittings that deliver water from a public mains water supply must comply with the Water Supply (Water Fittings) Regulations (1999) or Scottish Bylaws.

These fittings must be of an 'appropriate quality and standard' and must not contaminate the water or cause wastage.

Products that are WRAS approved demonstrate this compliance and are recognised by all water suppliers in the UK.

TMV3 SCHEME



The TMV scheme is an independent third party approval scheme administered by BuildCert. The scheme certifies that Type 3 thermostatic mixing valves conform to performance requirements of the NHS specification D08 in Healthcare and Commercial applications in the UK.

BuildCert also certifies Type 2 thermostatic mixing valves destined for use in domestic applications to ensure the safe use of hot water in domestic premises.

Reference	Product	WRAS Certificate	Expiry Date	BuildCert Certificate	Expiry Date	Page
30250	BIOFIL 2M non-sterile tap filter, shower flow	WRAS2106051	30/06/2026			141
30251	BIOFIL 2M non-sterile tap filter, straight flow	WRAS2106051	30/06/2026			141
30261	BIOFIL 2M non-sterile screw-in shower filter	WRAS2106051	30/06/2026			141
30350	BIOFIL 3M non-sterile tap filter, shower flow	WRAS2106052	30/06/2026			141
30351	BIOFIL 3M non-sterile tap filter, straight flow	WRAS2106052	30/06/2026			141
30361	BIOFIL 3M non-sterile screw-in shower filter	WRAS2106052	30/06/2026			141
30450	BIOFIL 4M non-sterile tap filter, shower flow	WRAS2106052	30/06/2026			141
30451	BIOFIL 4M non-sterile tap filter, straight flow	WRAS2106052	30/06/2026			141
30461	BIOFIL 4M non-sterile screw-in shower filter	WRAS2106052	30/06/2026			141
311QU1	Swan neck fountain tap M3/8"	WRAS240802002	31/08/2029			72
312QU1	Bubbler tap chromed M3/8" for fountain	WRAS240802002	31/08/2029			72
37801515	BINOPTIC basin tap Ø15 for comp. fitting 230/12V + trans	WRAS1912055	Renewal			41
378035	BINOPTIC basins M3/8" matte black mains 230/12V	NEW	Ongoing			41
378MCH15	BINOPTIC MIX basin mixer Ø15 for CF mains 230/12V + trans	WRAS1912055	Renewal			41
378MCHB	BINOPTIC MIX basins M3/8" matte black mixer mains 230/12V	NEW	Ongoing			41
379D1315	BINOPTIC c-w 190 basin tap Ø15 for CF spout L135 mains +trans	WRAS1910041	Renewal			40
379DER15	BINOPTIC c-w 190 basin tap Ø15 for CF spout L205 mains +trans	WRAS1910041	Renewal			40
379DERB	BINOPTIC basin tap M3/8" c-wall 190 matte blk spt L.205 mains	WRAS1910041	Renewal			40
379ENC15	BINOPTIC rec basin tap Ø15 for CF spout L200 mains + trans	WRAS1910041	Renewal			40
379ENCB	BINOPTIC basins M3/8" rec. tap matte black spout L.200mm mains	WRAS1910041	Renewal			40
379MCH15	BINOPTIC MIX c-wall 110 basin mix Ø15 for CF mains + trans	WRAS1910041	Renewal			40
379MCHB	BINOPTIC MIX basins M3/8" mix matt black CW110 mains230/12V	WRAS1910041	Renewal			40
38801515	BINOPTIC basin tap Ø15 for CF H.170mm 230/12V mains supply	WRAS2003049	31/03/2025			41
388035	BINOPTIC basins M3/8" matte black tap H. 170mm mains 230/12V	NEW	Ongoing			41
388MCHB	BINOPTIC basins M3/8" matte black mixer H. 170mm mains 230/12V	NEW	Ongoing			41
388MCHLH15	BINOPTIC MIX basin Ø15 for CF H.170mm mixer 230/12V mains	WRAS2003049	31/03/2025			41
39801515	BINOPTIC basin Ø15 for CF H.250mm tap 230/12V mains supply	WRAS2003049	31/03/2025			41
398035	BINOPTIC basins M3/8" matte black tap H. 250mm mains 230/12V	NEW	Ongoing			41
398MCHB	BINOPTIC basins M3/8" matte black mixer H. 250mm mains 230/12V	NEW	Ongoing			41
398MCHLH15	BINOPTIC MIX basin Ø15 for CF H.250mm mixer 230/12V mains	WRAS2003049	31/03/2025			41
430000	TEMPOMATIC 4 recessed urinal st steel satin 230/6V kit 2/2	WRAS2309028	30/09/2028			163
430006	TEMPOMATIC 4 recessed urinal st steel satin 6V battery kit 2/2	WRAS2309028	30/09/2028			163
430010	TEMPOMATIC 4 recessed urinal pol st steel 230/6V kit 2/2	WRAS2309028	30/09/2028			163
430016	TEMPOMATIC 4 recessed urinal pol st steel 6V battery kit 2/2	WRAS2309028	30/09/2028			163
430030	TEMPOMATIC 4 recessed urinal black glass 230/6V kit2/2	WRAS2309028	30/09/2028			163
430036	TEMPOMATIC 4 recessed urinal black glass 6V battery kit2/2	WRAS2309028	30/09/2028			163
430PBOX	TEMPOMATIC 4 recessed elect urinal F1/2" 6V batteries kit 1/2	WRAS2309028	30/09/2028			163
430SBOX	TEMPOMATIC 4 recessed electronic urinal F1/2" 230/6V kit 1/2	WRAS2309028	30/09/2028			163
44000615	TEMPOMATIC 4 basin tap M1/2" 6V batteries 15mm + stopcock	WRAS2303051	31/03/2028			23
44000615	TEMPOMATIC 4 basin tap M1/2" 6V batteries 15mm + stopcock	WRAS2303051	31/03/2028			23
443406	TEMPOMATIC 4 wall mounted basin tap M1/2" 6V batteries L.130	WRAS2204045	30/04/2027			25
443506	TEMPOMATIC 4 wall mounted basin tap M1/2" 6V batteries L.190	WRAS2204045	30/04/2027			25
44900015	TEMPOMATIC 5 basin tap M1/2" rec mains supply Ø15 +stopcock	WRAS240202041	28/02/2029			43
44900115	TEMPOMATIC 5 basin tap M1/2" UK mains plug Ø15 + stopcock	WRAS240202041	28/02/2029			43
44900615	TEMPOMATIC 5 basin tap M1/2" 6V batteries 15mm + stopcock	WRAS240202041	28/02/2029			43

Reference	Product	WRAS Certificate	Expiry Date	BuildCert Certificate	Expiry Date	Page
464000	TEMPOMATIC WC dual control recessed st steel 230/6V kit 2/2	WRAS2112033	31/12/2026			203
464006	TEMPOMATIC WC dual control recessed st steel 6V bat. kit 2/2	WRAS2112033	31/12/2026			203
464PBOX	TEMPOMATIC WC 3/4" recessed flush valve 6V battery. kit 1/2	WRAS2112033	31/12/2026			203
464SBOX	TEMPOMATIC WC 3/4" recessed flush valve 230/6V kit 1/2	WRAS2112033	31/12/2026			203
48801515	BINOPTIC basin Ø15 for CF tap H.170mm 6V battery operated	WRAS2003049	31/03/2025			41
488035	BINOPTIC for basins M3/8" matte black tap H.170mm 6V bty-op	NEW	Ongoing			41
488MCHB	BINOPTIC MIX basins M3/8" matte black mix H.170mm 6V batteries	NEW	Ongoing			41
488MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.170mm 6V battery operated	WRAS2003049	31/03/2025			41
49000115	TEMPOMATIC MIX 4 basin M1/2" rec UK mains plug Ø15 stopcocks	WRAS2303051	31/03/2028			23
49000615	TEMPOMATIC MIX 4 basin mix M1/2" batteries 15mm + stopcocks	WRAS2303051	31/03/2028			23
49000615	TEMPOMATIC MIX 4 basin mix M1/2" batteries 15mm + stopcocks	WRAS2303051	31/03/2028			23
49801515	BINOPTIC basin Ø15 for CF tap H.250mm 6V battery operated	WRAS2003049	31/03/2025			41
498035	BINOPTIC for basins M3/8" matte black tap H.250mm 6V bty-op	NEW	Ongoing			41
498MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.250mm 6V battery operated	WRAS2003049	31/03/2025			41
49900015	TEMPOMATIC MIX 5 basin M1/2" rec mains supply Ø15 stopcocks	WRAS240202041	28/02/2029			43
49900115	TEMPOMATIC MIX 5 basin M1/2" rec UK mains plug Ø15 stopcocks	WRAS240202041	28/02/2029			43
49900615	TEMPOMATIC MIX 5 basin mix M1/2" batteries 15mm + stopcocks	WRAS240202041	28/02/2029			43
510203	Mirror cabinet 600mm elec tap + elec soap disp + hand dryer	WRAS240902710	31/09/2029			27
510204	Mirror cabinet 800mm elec tap + elec soap disp + hand dryer	WRAS240902710	31/09/2029			27
510205	Mirror cabinet 600mm elec tap + elec soap disp + paper towel	WRAS240902710	31/09/2029			27
510205I	Unit with elec tap, electronic soap disp., paper towel disp	WRAS240902710	31/09/2029			-
510206	Mirror cabinet 800mm elec tap + elec soap disp + paper towel	WRAS240902710	31/09/2029			27
703000	TEMPOSTOP 3 basin tap M1/2" ~7sec time flow + back nut	NEW	Ongoing			65
703000AB	TEMPOSTOP 3 AB basin tap M1/2" ~7sec time flow + back nut	NEW	Ongoing			65
703001	TEMPOSTOP 3 basin tap M1/2" ~7sec time flow reinforced fixing	NEW	Ongoing			65
703001AB	TEMPOSTOP 3 AB basin tap M1/2" ~7sec, reinforced fixing	NEW	Ongoing			65
703002	TEMPOSTOP 3 basin tap M1/2" ~7sec time flow + stud nut	NEW	Ongoing			65
709000	Recessed vandal proof ROUND shower head M1/2"	WRAS240702017	31/07/2029			134
709010	Vandal proof ROUND shower head M1/2" for panels 1-15mm	WRAS240702017	31/07/2029			134
709200	Vandal proof ROUND shower head M1/2" for walls 230mm	WRAS240702017	31/07/2029			134
712000	TONIC JET vandal proof recessed shower head M1/2"	WRAS240702017	31/07/2029			134
712010	TONIC JET vandal proof shower head M1/2" for panels 1-10mm	WRAS240702017	31/07/2029			134
714700	SPORTING 2 anodised alu sh panel M1/2" ~30sec time flow valve	WRAS240202037	28/02/2029			109
714800	SPORTING anodised aluminium shower panel M1/2", 230/6V	WRAS2310069	30/10/2028			89
714806	SPORTING anodised aluminium shower panel M1/2", 6V battery	WRAS2310069	30/10/2028			89
714900	SPORTING alu therm shower panel top inlets M1/2", 230/6V	WRAS2310069	30/10/2028			91
714906	SPORTING alu therm shower panel top inlets M1/2", 6V battery	WRAS2310069	30/10/2028			91
714910	SPORTING therm shower panel conc inlet, 230/6V, kit 2/2	WRAS2310069	30/10/2028			91
714916	SPORTING therm shower panel conc inlet 6V battery, kit 2/2	WRAS2310069	30/10/2028	NEW	Ongoing	91
716000	Ceiling mounted GYM vandal proof shower head F1/2" fixed	WRAS240702017	31/07/2029			134
732115	PREMIX NANO thermostatic mixer Ø15mm nickel body	WRAS1910701	Renewal	NSF2175/1119	Renewal	75
732116	PREMIX NANO thermostatic mixer Ø15mm chromed body	WRAS1910701	Renewal	NSF2175/1119	Renewal	75
733115	PREMIX COMPACT thermostatic mixer M1/2" Ø15mm rough body	WRAS2304040	30/04/2028	NEW	Ongoing	75
733116	PREMIX COMPACT thermostatic mixer M3/4" Ø15mm rough body	WRAS2304040	30/04/2028	NEW	Ongoing	75
734100	TEMPOGENOU angled MM1/2" lever L350 ~7sec	WRAS240802002	31/08/2029			71
735400	TEMPOGENOU inline MM1/2" lever L350 ~7sec	WRAS240802002	31/08/2029			71
73544715	TEMPOGENOU inline MM1/2", lever L350 ~7sec comp fit + olives	WRAS240802002	31/08/2029			71
740500	TEMPOSOFT 2 basin tap M1/2" ~7sec time flow	WRAS2304074	30/04/2028			61
741500	TEMPOSOFT 2 wall mtd basin tap M1/2" L110 ~7sec time flow	WRAS2304075	30/04/2028			61
74250015	TEMPOSOFT MIX 2 mixer M1/2" ~7sec comp fit Ø15 + stopcocks	WRAS2304073	31/04/2028			61
745100	TEMPOSTOP basin tap M1/2" ~7sec time flow + back nut	WRAS2108701	31/08/2026			68
745101	TEMPOSTOP AB basin tap M1/2" ~7sec time flow + back nut	WRAS2108701	31/08/2026			68
745300	TEMPOSTOP basin tap M1/2" ~7sec time flow reinforced fixing	WRAS2108701	31/08/2026			68
745301	TEMPOSTOP AB basin tap M1/2" ~7sec, reinforced fixing	WRAS2108701	31/08/2026			68
745440	TEMPOSTOP lever operated basin tap M1/2" ~7sec	WRAS2108701	31/08/2026			68
746000	TEMPOSTOP wall mounted basin tap M1/2" ~7sec	WRAS2107082	31/08/2026			69
746001	TEMPOSTOP AB wall mounted basin tap M1/2" ~7sec time flow	WRAS2107082	31/08/2026			69

Reference	Product	WRAS Certificate	Expiry Date	BuildCert Certificate	Expiry Date	Page
747800	TEMPOSOF 2 wall mtd exp shower valve M1/2" inline ~30 sec	WRAS2301030	31/01/2028			125
748126	TEMPOSTOP angled basin tap M1/2" rough cast ~7sec + bk nuts	WRAS2307052	31/07/2028			72
748626	TEMPOSTOP wall mtd basin tap M1/2" ang rough body ~7sec flow	WRAS2307052	31/07/2028			72
748800	TEMPOSOF 2 exposed shower valve M1/2" angled ~30 sec flow	WRAS2301030	31/01/2028			125
749428	TEMPOSOF 2 rec shower valve M1/2" ~30 sec + wall plate Ø130	WRAS2301030	31/01/2028			125
749870	TEMPOSOF 2 sh valve M1/2" for panels 7mm ~30 sec time flow	WRAS2301030	31/01/2028			125
763000	TEMPOFLUX 3 WC F3/4" recessed AB, satin, 3L/6L, kit 2/2	WRAS2303056	31/03/2028			217
763040	TEMPOFLUX 3 WC recessed AB, chromed, 3L/6L, kit 2/2	WRAS2303056	31/03/2028			217
763BOX	TEMPOFLUX 3 WC 3/4" valve recessed AB, 3L/6L, kit 1/2	WRAS2303056	31/03/2028			217
790219	TEMPOMIX recessed sh mixer waterproof Kit2/2 ROUND (+790BOX)	NEW	Ongoing			122
790BOX	Recessed waterproof box for shower mixer - Kit 1/2	NEW	Ongoing			122
79230015	SECURITHERM thermostatic alu sh panel top inlets Ø15 ~30sec	WRAS2203702	31/03/2027	TMV3BC1871	Renewal	98
792310UK	SECURITHERM therm alu shower panel UK hidden inlets 30 sec	WRAS2203702	31/03/2027	TMV3BC1871	Renewal	98
79239015	SECURITHERM alu shower panel top inlets Ø15 handset + fix	WRAS2203702	31/03/2027	TMV3BC1871	Renewal	99
79240015	SECURITHERM therm alu sh panel 6V battery-op top inlets Ø15	WRAS2203702	31/03/2027	TMV3BC1871	Renewal	85
792410UK	SECURITHERM therm alu shower panel UK 6V batt-op back inlets	WRAS2203702	31/03/2027	TMV3BC1871	Renewal	85
792770T	SECURITHERM TMV therm shower with filters for panels 1-7mm	WRAS2203702	31/03/2027	TMV3BC1871	Renewal	-
79400015	TEMPOMIX 3 basin mix M1/2" ~7sec time flow + stopcock Ø15	WRAS2204047	30/04/2027			53
79400015	TEMPOMIX 3 basin mix M1/2" ~7sec time flow + stopcock Ø15	WRAS2204047	30/04/2027			53
794050	TEMPOMIX 3 basin mix. M1/2" recessed ~7 sec spout L.110	WRAS2003059	31/03/2025			55
794055	TEMPOMIX 3 basin mix. M1/2" recessed ~7 sec spout L.190	WRAS2003059	31/03/2025			55
794100	TEMPOMIX 3 basin mixer F3/8" ~7sec time flow	WRAS2204047	30/04/2027			-
794160	TEMPOMIX 3 basin F3/8" cross wall 110 ~7 sec +stopcock L110	WRAS2003059	31/03/2025			55
794165	TEMPOMIX 3 basin F3/8" cross wall 110 ~7 sec +stopcock L190	WRAS2003059	31/03/2025			55
79500015	TEMPOMIX basin mixer M1/2" Ø15 ~7sec + stopcocks	WRAS240102046	31/01/2029			59
79500015CO	TEMPOMIX basins M1/2" mixer ~7sec copper tails Ø 15mm conn +SC	WRAS240102046	31/01/2029			-
825015	Inline stopcock union nickel plated MF1/2" L35	WRAS2012035	31/12/2025			136
855755.2P	2 x STOP/CHECK unions M1/2"-M3/4", offset 12mm	WRAS2012053	31/12/2025			-
855755UK.2P	2 x STOP/CHECK unions M1/2"-M3/4" inline	WRAS2012053	31/12/2025			74
941120	Wall mounted fixed L-shaped spout M1/2" L120 - H60 adj FS	WRAS2311057	30/11/2028			73
947120	Wall mounted fixed spout M1/2" L.110 H16 Ø32 adjustable FS	WRAS2311057	30/11/2028			73
947135	Wall mtd fixed spout M1/2" L120 H16 Ø32 adj FS + plate Ø60	WRAS2311057	30/11/2028			73
947151	Fixed spout for walls 165mm M1/2" L120 Ø32 adjustable FS	WRAS2311057	30/11/2028			73
947157	Fixed spout for walls 165mm M1/2" L170 Ø32 adjustable FS	WRAS2311057	30/11/2028			73
947170	Wall mounted fixed spout M1/2" L160 H16 Ø32 adjustable FS	WRAS2311057	30/11/2028			73
967152	Swivel swan neck spout M1/2" L150 H120 adj flow straightener	WRAS240202038	28/02/2029			73
967202	Swivel swan neck spout M1/2" L200 H200 adj flow straightener	WRAS240202038	28/02/2029			73
H9634	SECURITHERM thermostatic sequential shower panel back inlets	WRAS240102064	31/01/2029			103
H9635	SECURITHERM therm seq shower panel back inlets + handset	WRAS240102064	31/01/2029			103
H9636	SECURITHERM therm seq shower panel back inlets + handset	WRAS240102064	31/01/2029			103
H963615	SECURITHERM sequential shower panel flexi inlets w. handset	WRAS240102064	31/01/2029			103
H9639	SECURITHERM sequential shower panel copper inlets w. handset	WRAS240102064	31/01/2029			103
H963915	SECURITHERM sequential therm shower panel flexible inlets	WRAS240102064	31/01/2029			103

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
1306T1	Tubular swivel spout Ø22 H140 L150	111.21	73	37403615	BINOPTIC 2 basin tap Ø15 matte black H170 batteries +stopcock	550.71	33
1306T2	Tubular swivel spout Ø22 H260 L200	128.77	73	374110E	BINOPTIC 2 bsn tap M3/8" chrome st steel H170 mains Bluetooth	560.54	33
1306T3	Tubular swivel spout Ø22 H260 L300	140.04	73	37500015	BINOPTIC 2 basin tap Ø15 sat st st H250 mains 230/6V stopcock	509.70	35
200000	Pre-mixer COMPACT MF1/2" for basin non return valves	88.15	75	37500615	BINOPTIC 2 basin tap Ø15 sat st steel H250 batteries +stopcock	509.70	35
20250	BIOFIL 2M sterile tap filter, shower flow	87.45	141	37501015	BINOPTIC 2 basin tap Ø15 chrome st steel H250 mains +stopcock	509.70	35
20251	BIOFIL 2M sterile tap filter, straight flow	87.45	141	37501615	BINOPTIC 2 basin tap Ø15 chrome st steel H250 batteries+stpcock	509.70	35
20261	BIOFIL 2M sterile screw-in shower filter	98.11	141	37503015	BINOPTIC 2 basin tap Ø15 matte black H250 mains +stopcock	578.04	35
20350	BIOFIL 3M sterile tap filter, shower flow	105.93	141	37503615	BINOPTIC 2 basin tap Ø15 matte black H250 batteries +stopcock	578.04	35
20351	BIOFIL 3M sterile tap filter, straight flow	105.93	141	375110E	BINOPTIC 2 bsn tap M3/8" chrome st steel H250 mains Bluetooth	587.89	35
20361	BIOFIL 3M sterile screw-in shower filter	109.50	141	378015	BINOPTIC basin tap M3/8" mains 230/12V + trans	415.20	-
204001	Deck mounted fixed spout M1/2" L150 H170 Ø16 FS 3lpm	79.77	73	37801515	BINOPTIC basin tap Ø15 for comp. fitting 230/12V + trans	452.66	41
20450	BIOFIL 4M sterile tap filter, shower flow	116.59	141	378015LD	Replaced by 378015	-	-
20451	BIOFIL 4M sterile tap filter, straight flow	116.59	141	378035	BINOPTIC basins M3/8" matte black mains 230/12V	493.57	41
20461	BIOFIL 4M sterile screw-in shower filter	120.13	141	378MCH	BINOPTIC MIX basin mixer M3/8" mains 230/12V + trans	543.64	-
222429	Key for flow straightener removal, aerator, biosafe M16.5/100	4.61	74/265	378MCH15	BINOPTIC MIX basin mixer Ø15 for CF mains 230/12V + trans	585.69	41
23015	Water hammer absorber, F1/2" H90	40.15	265	378MCHB	BINOPTIC MIX basins M3/8" matte black mixer mains 230/12V	623.98	41
23020	Water hammer absorber, F3/4" H92	43.59	265	378MCHLD	Replaced by 378MCH	-	-
23026	Water hammer absorber, F1" H98	80.31	265	379D13	BINOPTIC c-wall 190 basin tap M3/8"spout L135 mains + trans	426.15	-
23033	Water hammer absorber, F1 1/4" H103	143.42	265	379D1315	BINOPTIC c-w 190 basin tap Ø15 for CF spout L135 mains +trans	452.12	40
256FIX	Fixing plate + threaded rods L. 130mm for mixers	14.43	265	379D13LD	Replaced by 379D13	-	-
256P	Fixing plate for mixers	11.53	265	379DER	BINOPTIC c-wall 190 basin tap M3/8"spout L205 mains + trans	426.15	-
292015.2P	2 × Moulded wall plate Ø60×21×5 for tap M1/2"	10.80	69	379DER15	BINOPTIC c-w 190 basin tap Ø15 for CF spout L205 mains +trans	451.39	40
292020	2 × Moulded wall plate Ø55×27×2 for tap M3/4"	6.13	230	379DERB	BINOPTIC basin tap M3/8" c-wall 190 matte blk spt L205 mains	502.85	40
30250	BIOFIL 2M non-sterile tap filter, shower flow	78.62	141	379DERLD	Replaced by 379DER	-	-
30251	BIOFIL 2M non-sterile tap filter, straight flow	78.62	141	379ECM	Replaced by 379MCH	-	-
30261	BIOFIL 2M non-sterile screw-in shower filter	86.01	141	379ECML	Replaced by 379MCH	-	-
30350	BIOFIL 3M non-sterile tap filter, shower flow	101.67	141	379ENC	BINOPTIC rec basin tap M3/8" spout L200 mains + trans	437.12	-
30351	BIOFIL 3M non-sterile tap filter, straight flow	101.67	141	379ENC15	BINOPTIC rec basin tap Ø15 for CF spout L200 mains + trans	463.11	40
30361	BIOFIL 3M non-sterile screw-in shower filter	103.09	141	379ENCB	BINOPTIC basins M3/8" rec. tap matte black spout L200mm mains	515.83	40
30450	BIOFIL 4M non-sterile tap filter, shower flow	112.31	141	379ENCL	BINOPTIC rec basin tap M3/8" spout L295 mains + trans	449.07	-
30451	BIOFIL 4M non-sterile tap filter, straight flow	112.31	141	379ENCLD	Replaced by 379ENC	-	-
30461	BIOFIL 4M non-sterile screw-in shower filter	113.75	141	379MCH	BINOPTIC MIX c-wall 110 basin mix M3/8" mains 230/12V +trans	562.46	-
311QU1	Swan neck fountain tap M3/8"	124.41	72	379MCH15	BINOPTIC MIX c-wall 110 basin mix Ø15 for CF mains + trans	604.51	40
311TR1	Swan neck fountain tap for Rilsan tube 4×6	123.03	72	379MCHB	BINOPTIC MIX basins M3/8" mix matt black CW110 mains230/12V	643.04	40
312QU1	Bubbler tap chromed M3/8" for fountain	91.06	72	38101015	BINOPTIC 2 bsn tap Ø15 chrome st steel L140, CW, mains+stpcock	441.31	37
318200	Discontinued	-	-	38201015	BINOPTIC 2 basin tap Ø15 chrome st st L220 CW mains +stopcock	455.00	37
319T61	Push button for fountain taps for Rilsan tube 4×6	95.29	72	383000	BINOPTIC 2 basin tap M1/2" sat st st L140 panels, mains, stpck	410.15	37
370000	Replaced by 370100	-	-	383010	BINOPTIC 2 bsn tap M1/2" chrome st st L140 panels mains stpck	410.15	37
370006	Replaced by 370106	-	-	384100	BINOPTIC 2 basin tap M1/2" w-mounted sat st steel L220 mains	437.50	37
370010	Replaced by 370110	-	-	384110	BINOPTIC 2 basin tap M1/2" w-mntd chrome st steel L220 mains	437.50	37
370016	Replaced by 370116	-	-	384110E	BINOPTIC 2 basin tap M1/2" wall-m chrome st st L220 Bluetooth	519.54	37
370100	BINOPTIC 2 rec basin tap satin 230/6V L190 kit 2/2 (+370SBOX)	513.89	39	384130	BINOPTIC 2 basin tap M1/2" wall-mounted matte black L220 mains	505.84	37
370106	BINOPTIC 2 rec basin tap satin 6V batt L190 kit 2/2 (+370PBOX)	446.57	39	38801515	BINOPTIC basin tap Ø15 for CF H.170mm 230/12V mains supply	469.29	41
370110	BINOPTIC 2 rec basin tap pol SS 230/6V L190 kit2/2 (+370SBOX)	530.79	39	388035	BINOPTIC basins M3/8" matte black tap H. 170mm mains 230/12V	523.36	41
370116	BINOPTIC 2 rec basin tap pol SS 6V batt L190 kit2/2 (+370PBOX)	463.59	39	388MCHB	BINOPTIC basins M3/8" matte black mixer H. 170mm mains 230/12V	653.51	41
370BCIPP	Discontinued	-	-	388MCHLH15	BINOPTIC MIX basin Ø15 for CF H.170mm mixer 230/12V mains	613.59	41
370BCIPS	Discontinued	-	-	39801515	BINOPTIC basin Ø15 for CF H.250mm tap 230/12V mains supply	513.01	41
370BCISP	Discontinued	-	-	398035	BINOPTIC basins M3/8" matte black tap H. 250mm mains 230/12V	567.73	41
370BCISS	Discontinued	-	-	398MCHB	BINOPTIC basins M3/8" matte black mixer H. 250mm mains 230/12V	697.89	41
370PBOX	Waterproof rec housing for BINOPTIC 2 basin 6V battery kit 1/2	167.14	39	398MCHLH15	BINOPTIC MIX basin Ø15 for CF H.250mm mixer 230/12V mains	657.31	41
370SBOX	Waterproof rec housing for BINOPTIC 2 basin 230/6V kit 1/2	186.64	39	406000	Transformer 230/12V without box, suitable for DIN rail	106.55	-
371100	100 tokens Ø24 5-10 min delay	252.17	-	406220	Transformer 230/12V with waterproof box grey PVC	370.18	-
37300015	BINOPTIC 2 basin tap Ø15mm sat st steel mains +stopcock	458.94	31	428150	TEMPOMATIC c-wall 155mm urinal valve M1/2" mains 12V	452.75	-
37300615	BINOPTIC 2 basin tap Ø15mm sat st steel batteries 6V +stopcock	458.94	31	428156	Replaced by 430200	-	-
37301015	BINOPTIC2 basin tap Ø15 chrome st steel mains 230/6V +stpcock	458.94	31	428200	TEMPOMATIC c-wall 225mm urinal valve M1/2" mains 12V	460.99	-
37301615	BINOPTIC 2 basin tap Ø15 chrome st st batteries 6V +stopcock	458.94	31	428206	Replaced by 430200	-	-
37303015	BINOPTIC 2 basin tap Ø15 matte black mains 230/6V +stopcock	527.78	31	429101	Solenoid valve M3/4" 12V + filter for TEMPOMATIC urinal	77.56	266
37303615	BINOPTIC 2 basin tap Ø15mm matte black 6V batteries + stopcock	527.78	31	430000	TEMPOMATIC 4 recessed urinal st steel satin 230/6V kit 2/2	430.70	163
373110E	BINOPTIC 2 basin tap M3/8" chrome pl st steel mains Bluetooth	533.21	31	430006	TEMPOMATIC 4 recessed urinal st steel satin 6V batt kit 2/2	401.99	163
37400015	BINOPTIC 2 basin tap Ø15mm sat st H170 mains +stopcock	482.33	33	430010	TEMPOMATIC 4 recessed urinal pol st steel 230/6V kit 2/2	430.70	163
37400615	BINOPTIC 2 basin tap Ø15mm sat st H170 batteries +stopcock	482.33	33	430016	TEMPOMATIC 4 recessed urinal pol st steel 6V battery kit 2/2	401.99	163
37401015	BINOPTIC 2 basin tap Ø15 chrome st steel H170 mains +stpcock	482.33	33	430020	Replaced by 430010	426.57	-
37401615	BINOPTIC 2 basin tap Ø15 chrome st st H170 batteries +stopcock	482.33	33	430026	Replaced by 430016	-	-
37403015	BINOPTIC 2 basin tap Ø15 matte black H170 mains +stopcock	550.71	33	430030	TEMPOMATIC 4 recessed urinal black glass 230/6V kit2/2	510.76	163

References prefixed by * are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.
430036	TEMPOMATIC 4 recessed urinal black glass 6V battery kit2/2	483.16	163
430100	TEMPOMATIC cross wall urinal valve M1/2" 30mm mains 12V	390.00	171
430200	TEMPOMATIC cross wall urinal valve M1/2" 200mm mains 12V	401.80	171
430646	Solenoid valve 6V f. TEMPOMATIC 4 ur. and BINOPTIC 2 recessed	92.20	266
430CLE	Fork wrench for recessing box	31.75	267
430PBOX	TEMPOMATIC 4 recessed elect urinal F1/2" 6V batteries kit 1/2	140.02	163
430SBOX	TEMPOMATIC 4 recessed electronic urinal F1/2" 230/6V kit 1/2	164.30	163
44000015	TEMPOMATIC 4 basin tap M1/2" rec mains supply Ø15 +stopcock	385.00	23
44000115	Replaced by 44000015	-	-
44000615	TEMPOMATIC 4 basin tap M1/2" 6V batteries 15mm + stopcock	350.00	23
44000615CO	TEMPOMATIC 4 basin tap M1/2" batt 6V copper tails Ø15 conn +SC	400.00	23
441100	TEMPOMATIC basin tap c-wall 30mm mains 230/12V spout L.170mm	413.63	45/238
44115715	Replaced by 441200	-	-
441200	TEMPOMATIC basin tap c-wall 165 mains 230/12V spout L.170mm	425.44	45/238
44200615	*TEMPOMATIC 3 bsn tap batt 15mm + stpck (stock then 44000615)	497.03	-
443006	*TEMPOMATIC 3 wll mntd bsn tap 6V batt L.190 (stock thn 443506)	534.38	-
443016	*TEMPOMATIC 3 bsn tap 6V L.190 panels 1-4mm (stock then 443516)	573.28	-
443218	TEMPOMATIC 4 recessed shower valve, 6V battery - kit 2/2	299.62	114
443219	TEMPOMATIC 4 recessed shower valve, 6V battery +ROUND, kit 2/2	408.23	114
443228	TEMPOMATIC 4 recessed shower valve, 230/6V - kit 2/2	316.75	114
443229	TEMPOMATIC 4 recessed shower valve, 230/6V +ROUND, kit 2/2	425.36	114
443400	TEMPOMATIC 4 basin M1/2" wall-m tap 230/6V rec. mains L.130	464.82	25
443406	TEMPOMATIC 4 wall mounted basin tap M1/2" 6V batteries L.130	363.97	25
443406S	TEMPOMATIC 4 M1/2" Satin st steel wll-mtd bsn tap L.130, batt.	-	-
443410	TEMPOMATIC 4 basin M1/2" tap CW 230/6V rec. mains L.130	464.82	25
443416	TEMPOMATIC 4 basin M1/2" cross wall tap 6V L.130	363.97	25
443426	TEMPOMATIC 4 basin tap M1/2" 6V batteries L.130 panels 1-24mm	368.86	25
443436	TEMPOMATIC 4 basin M1/2" tap batt 6V L.130mm solid walls refit	363.97	25
443500	TEMPOMATIC 4 basin M1/2" wall-m tap 230/6V rec. mains L.190	509.95	25
443500LD	Replaced by 443500	-	-
443500S	TEMPOMATIC 4 M1/2" Satin st steel wll-mtd bsn tap L.190, mains	-	-
443506	TEMPOMATIC 4 wall mounted basin tap M1/2" 6V batteries L.190	405.50	25
443506LD	Replaced by 443506	-	-
443506S	TEMPOMATIC 4 M1/2" Satin st steel wll-mtd bsn tap L.190, batt.	-	-
443510	TEMPOMATIC 4 basin M1/2" tap CW 230/6V rec. mains L.190	509.95	25
443516	TEMPOMATIC 4 basin M1/2" cross wall tap 6V L.190	405.50	25
443526	TEMPOMATIC 4 tap M1/2" 6V batteries L.190 for panels 1-24mm	409.17	25
443536	TEMPOMATIC 4 basin M1/2" tap batt 6V L.190mm solid walls refit	405.50	25
443PBOX	Rec waterproof housing TEMPOMATIC 4 shower 6V batt., kit 1/2	147.59	114
443SBOX	Rec waterproof housing TEMPOMATIC 4 shower 230/6V, kit 1/2	156.02	114
44400015	Replaced by 44000015	-	-
44400615	Replaced by 44000615	-	-
44525315	Replaced by 44000015	-	-
44525715	Replaced by 44000015	-	-
447100	TEMPOMATIC basin tap M3/8" 230/12V for panel 1-12mm no spout	503.40	-
44900015	TEMPOMATIC 5 basin tap M1/2" rec mains supply Ø15 +stopcock	250.00	43
44900115	TEMPOMATIC 5 basin tap M1/2" UK mains plug Ø15 + stopcock	250.00	43
44900615	TEMPOMATIC 5 basin tap M1/2" 6V batteries 15mm + stopcock	250.00	43
449406	TEMPOMATIC 5 wall mounted basin tap M1/2" 6V batteries L.150	271.82	43
449410	TEMPOMATIC 5 basin M1/2" tap CW 230/6V rec. mains L.150	319.44	43
449416	TEMPOMATIC 5 basin M1/2" cross wall tap 6V L.150	319.44	43
452020	TEMPOMATIC shower valve M1/2" recessed mains 230/12V	449.07	115
452029	TEMPOMATIC shower kit M1/2" rec 230/12V + ROUND shower head	496.35	115
452100	TEMPOMATIC shower valve M1/2" cross-wall 30mm mains 230/12V	342.72	115
452109	TEMPOMATIC shower kit M1/2" c-wall 30 230/12V +ROUND sh head	437.27	115
452150	TEMPOMATIC cross wall 150mm shower valve M1/2" mains 230/12V	410.15	-
452159	TEMPOMATIC c.w. 150mm sh.valve M1/2" 230/12V +ROUND sh. head	519.54	-
452200	TEMPOMATIC shower valve M1/2" cross-wall 200 mains 230/12V	354.53	115
452209	TEMPOMATIC shower kit M1/2 c-wall 200 230/12V +ROUND sh head	449.07	115
452300	Replaced by 714906	-	-
452310	Replaced by 714916	-	-
452565	TEMPOMATIC recessed shower valve M1/2" mains 230/12V	499.56	-
452569	TEMPOMATIC recessed sh. valve M1/2" 230/12V + ROUND sh. head	607.81	-
461032	Replaced by 461032Y	-	-

REF.	DESCRIPTION	£ (Excl. VAT)	P.
461032Y	Cartridge and solenoid valve for dual control TEMPOMATIC WC	129.90	266
461035	Solenoid valve MM1" 12V for TEMPOMATIC WC + urinal	127.02	266
463000	Electronic multi unit 230/12V for TEMPOMATIC WC + trans	357.16	266
463030	TEMPOMATIC WC cross wall 30mm valve 1" mains 230/12V	853.11	-
463150	TEMPOMATIC WC cross wall 160mm valve 1" mains 230/12V	853.11	-
463SRH	Solenoid valve + stopcock F1" + vacuum breaker Ø32 for WC	263.89	266
464000	TEMPOMATIC WC dual control recessed st steel 230/6V kit 2/2	600.59	203
464006	TEMPOMATIC WC dual control recessed st steel 6V bat. kit 2/2	570.55	203
464050	TEMPOMATIC WC dual cntrl rec m. blk 230/6V kit 2/2(+464SBOX)	630.13	203
464056	TEMPOMATIC WC dual cntrl rec m. blk 6V batt kit 2/2(+464PBOX)	600.09	203
464100	TEMPOMATIC WC 1" valve cross-wall 30mm mains 230/12V	803.61	215
464200	TEMPOMATIC WC 1" valve cross-wall 200mm mains 230/12V	815.44	215
464300	TEMPOMATIC recessed dual ctrl 3/4" WC valve, side ctrl 230/6V	810.47	214
464306	TEMPOMATIC rec dual ctrl 3/4" WC valve, side ctrl batteries	782.02	214
464PBOX	TEMPOMATIC WC 3/4" recessed flush valve 6V batt. kit 1/2	180.17	203
464SBOX	TEMPOMATIC WC 3/4" recessed flush valve 230/6V kit 1/2	180.17	203
465000	TEMPOMATIC WC recessed stainless steel 230/6V kit 2/2	628.90	211
465006	TEMPOMATIC WC recessed stainless steel 6V bat. kit 2/2	628.90	211
465050	TEMPOMATIC WC rec m. blk 230/6V kit 2/2(+464SBOX)	658.44	211
465056	TEMPOMATIC WC rec m. blk 6V batt kit 2/2(+464PBOX)	658.44	211
47300015	BINOPTIC MIX 2 basin mixer Ø15 sat st st mains, stopcock	529.77	31
47300615	BINOPTIC MIX 2 basin mixer Ø15 sat st st batteries, stopcock	529.77	31
47301015	BINOPTIC MIX 2 bsn mixer Ø15 chrome st steel mains, stopcock	529.77	31
47301615	BINOPTIC MIX 2 basin mixer Ø15 chrome st st batteries stopcock	529.77	31
47303015	BINOPTIC MIX 2 basin mix Ø15 matte black mains, stopcock	598.11	31
47303615	BINOPTIC MIX 2 basin mix Ø15 matte black batteries, stopcock	598.11	31
473110E	BINOPTIC MIX 2 basin mixer M3/8" chrome st st mains Bluetooth	601.57	31
47400015	BINOPTIC MIX 2 basin mixer Ø15 sat st st H170 mains, stopcock	557.09	33
47400615	BINOPTIC MIX 2 basin mixer Ø15 sat st st H170 batt, stopcock	557.09	33
47401015	BINOPTIC MIX 2 basin mixer Ø15 chrome st st H170 mains stpck	557.09	33
47401615	BINOPTIC MIX 2 basin mixer Ø15 chrome st st H170 batt stopcock	557.09	33
47403015	BINOPTIC MIX 2 basin mixer Ø15 matte black H170 mains, stpck	625.46	33
47403615	BINOPTIC MIX 2 basin mixer Ø15 matte black H170 batt, stopcock	625.46	33
474110E	BINOPTIC MIX 2 basin mixer M3/8" chrome st steel H170 mains BT	628.90	33
47500015	BINOPTIC MIX 2 basin mixer Ø15 sat st st H250 mains, stopcock	584.44	35
47500615	BINOPTIC MIX 2 basin mixer Ø15 satin st st H250 batt, stopcock	584.44	35
47501015	BINOPTIC MIX 2 basin mixer Ø15 chrome st st H250 mains, stpck	584.44	35
47501615	BINOPTIC MIX 2 basin mixer Ø15 chrome st st H250 batt, stpck	584.44	35
47503015	BINOPTIC MIX 2 basin mixer Ø15 matte black H250 mains, stpck	652.78	35
47503615	BINOPTIC MIX 2 basin mixer Ø15 matte black H250 batt, stopcock	652.78	35
475110E	BINOPTIC MIX 2 basin mixer Ø15 chrome st steel H250 mains BT	656.25	35
47801515	BINOPTIC basin tap Ø15 for compression fitting 6V battery	534.88	41
478035	BINOPTIC basins M3/8" matte black tap 6V batteries	589.91	41
478MCH15	BINOPTIC MIX basin mixer Ø15 compression fittings 6V battery	696.63	41
478MCHB	BINOPTIC MIX basins M3/8" matt black mix w/ housing 6V batt.	737.84	41
479007	Replaced by 479412	-	-
479008	Replaced by 479411	-	-
479410	TEMPOMATIC 4 urinal M1/2" inline 6V battery offset 35mm	399.61	169
479411	TEMPOMATIC 4 urinal M1/2" angled 6V battery offset 35mm	384.53	169
479412	TEMPOMATIC 4 urinal kit angled 6V batt offset 50 + neck tube	419.22	169
479413	TEMPOMATIC 4 urinal kit M1/2" angled 6V batt for FINO	434.30	169
479414	TEMPOMATIC 4 urinal kit M1/2" angled 6V batt for DELTA	431.30	169
479415	Discontinued	-	-
479416	TEMPOMATIC 4 urinal kit M1/2" angled 6V battery offset 30mm	417.72	169
479436	Replaced by 479437	-	-
479437	Electronic control unit C TEMPOMATIC 4 urinals, int 6V batt	217.16	266
479446	Electronic control unit 6V battery-op for TEMPOMATIC 3 urinal	254.04	266
479650	Sol. valve 6V, adj. flow rate fr TEMPOMATIC 3 & TEMPOMATIC 4	129.90	266
479651	Sol. valve 6V adj. flow rate for TEMPOMATIC 3 bsn (old design)	129.90	266
479662	Replaced by 479665	-	-
479748	Replaced by 479650	-	-
482010	BINOPTIC MIX 2 bsn mix M3/8" chrome st st L220 CW mains+stpck	519.54	-
48201015	BINOPTIC MIX 2 basin mix Ø15 chrome st st L220 CW mains+stpck	529.77	37
482030	BINOPTIC MIX 2 bas mix M3/8" matte blk L220, CW,mains+stopcock	587.89	-

References prefixed by * are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
48203015	BINOPTIC MIX 2 bas mix Ø15 matte black L220,CW, mains+stopcock	598.11	37	512021P	Deck-mtd BINOPTIC liquid/foam soap disp. 1L chrome, mains supply	358.58	77
482110	BINOPTIC MIX 2 basin mixer M3/8" chrome st st L220 CW mains	506.76	-	512021BK	Deck-mtd BINOPTIC liquid/foam soap disp. 1L, black, mains supply	407.77	77
482130	BINOPTIC MIX 2 basin mixer M3/8" matte black L220, CW, mains	575.12	-	512031P	Deck-mtd T4 liquid/foam soap disp. 1L, chrome, mains supply	354.58	77
484000	BINOPTIC MIX 2 wall bas mixvss L.240 mains +stopcock,kit2/2	463.45	37	512051P	Wall-mtd BINOPTIC liquid/foam soap disp. 1L chrome, mains supply	312.94	77
484010	BINOPTIC MIX 2 wall bas mix chr ss L.240 mains +stopcock,kit2/2	463.45	37	512051BK	Wall-mtd BINOPTIC liquid/foam soap disp. 1L black, mains supply	354.56	77
484010E	BINOPTIC MIX 2 wall bas mix pol L.240 mains, BT,kit2/2	545.50	37	512066BK	Electronic liquid soap dispenser 1L matte black 304 st steel	240.13	76
484012	Bracket M1/2"+230/6v supply fr BINOPTIC 2 &TEMPOMATIC 4 kit1/2	165.45	25/37	512066P	Electronic liquid soap dispenser 1L bright pol 304 st steel	208.80	76
484612	Rec. bracket M1/2" for battery op. TEMPOMATIC MIX 4 kit1/2	165.45	25	512066S	Electronic liquid soap dispenser 1L pol satin 304 st steel	208.80	76
487020	TEMPOMATIC multi-urinal valve M3/4" rec 230/12V +transformer	898.15	-	512066W	Electronic liquid soap dispenser 1L white powder-ctd 304 st st	208.80	76
487620	TEMPOMATIC recessed multi urinals M3/4" 230/12V +transformer	894.94	171	512111BK	C-wall BINOPTIC liquid/foam soap disp L 1.2m tube, black, mains	386.08	77
48801515	BINOPTIC basin Ø15 for CF tap H.170mm 6V battery operated	573.68	41	512111P	C-wall BINOPTIC liquid/foam soap disp L 1.2m tube, chrome, mains	340.78	77
488035	BINOPTIC for basins M3/8" matte black tap H.170mm 6V bty-op	619.51	41	512121BK	Deck-mtd BINOPTIC liq/foam soap disp L1.2m tube, blk mains	407.77	77
488MCHB	BINOPTIC MIX basins M3/8" matte black mix H.170mm 6V batteries	767.42	41	512121P	Deck-mtd BINOPTIC liq/foam soap disp L1.2m tube, chrome, mains	354.58	77
488MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.170mm 6V battery operated	745.78	41	512131P	Deck-mtd T4 liquid/foam soap disp L 1.2m tube, chrome, mains	354.58	77
49000015	TEMPOMATIC MIX 4 basin M1/2" rec mains supply Ø15 stopcocks	461.67	23	512151BK	Wall-mtd BINOPTIC liq/foam soap disp L 1.2m tube, black, mains	354.56	77
49000115	TEMPOMATIC MIX 4 basin M1/2" rec UK mains plug Ø15 stopcocks	435.12	23	512151P	Wall-mtd BINOPTIC liq/foam soap disp L 1.2m tube, chrome, mains	312.94	77
49000615	TEMPOMATIC MIX 4 basin mix M1/2" batteries 15mm + stopcocks	412.82	23	512521BK	Deck-mtd BINOPTIC liquid/foam soap disp. 0.5L, black, mains	407.77	77
49000615CO	TEMPOMATIC MIX 4 basins M1/2" batt copper tails Ø 15 conn +SC	498.03	23	512521P	Deck-mtd BINOPTIC liquid/foam soap disp. 0.5L, chrome, mains	354.58	77
49000615S	TEMPOMATIC MIX 4 Sat. st steel bsn mxr, 6V batt, Ø15mm comp.	-	-	512531P	Deck-mtd T4 liquid/foam soap dispenser 0.5L, chrome, mains	354.58	77
490230EXT	Electrical extension for TEMPOMATIC 4 basin	24.67	266	517000	Siphon F1 1/4" w. horizontal outlet Ø32 chrome plated brass	65.44	184
490240	Recessed 6V supply for TEMPOMATIC 4 basin from Feb 2016	80.31	266	543000	TEMPOFIX 3 frame elect mains 230/6V for urinals Ø35 kit 1/2	458.94	165
490452T	Electronic unit TEMPOMATIC 4 bsn wall m. mains rangefinder	229.26	266	543000D	TEMPOFIX 3 frame elect mains 230/6V for urinals 1/2" kit 1/2	458.94	165
490454	Elec control unit C TEMPOMATIC 4 w-mtd for basins 6V int batt.	229.26	266	543006	TEMPOFIX 3 fr sys time flow or bat for urinals Ø35 kit 1/2	458.94	165
49200615	*TEMPOMATIC MIX 3 bsn batt Ø15 +stpccks (stock thn 49000615)	540.68	-	543006D	TEMPOFIX 3 fr sys time flow or bat for urinals 1/2" kit 1/2	458.94	165
492446	Electronic control unit for TEMPOMATIC 3 integ 6V battery	229.26	266	543100	Replaced by 543000 + 430010	-	-
492647	Solenoid valve M for TEMPOMATIC 3 urinal	209.00	266	564000DE	TEMPOFIX 3 fr sys WC TEMPOMATIC 230/6V Ø110 wall fix kit1/2	435.99	205
493400	TEMPOMATIC MIX 4 bas. wall-m mix 230/6V reces. L 160 kit 2/2	473.36	25	564005DE	TEMPOFIX 3 fr sys WC TEMPOMATIC 230/6V Ø110 self-supp kit1/2	435.99	205
493406	TEMPOMATIC MIX 4 basinwall-m mixer 6V batteries L.160 kit 2/2	416.30	25	564060DE	TEMPOFIX 3 fr sys WC time flow or bat Ø110 wall fix kit1/2	390.10	205
493410	*TEMPOMATIC MIX 4 bsn CW 230/6V L.130 (stock thn 493510)	509.43	-	564065DE	TEMPOFIX 3 fr sys WC time flow or bat Ø110 self-supp kit1/2	435.99	205
493416	*TEMPOMATIC MIX 4 bsn c-wall 6V batt L.130 (stock thn 493516)	455.40	-	565065DE	TEMPOFIX 3 WC Ø110 self-supp fire-retard, TEMPOFLUX 3 kit1/2	665.47	222
493500	TEMPOMATIC MIX 4 basinwall-m mix 230/6V reces. L.220 kit 2/2	520.94	25	578110	PEHD sleeve connector 100/110	31.68	233
493500S	TEMPOMATIC MIX 4 Sat. st. wll-mtd bsn mxr L.220 mains kit2/2	-	-	578212	TEMPOFLUX 2 WC 6L single flush for TEMPOFIX 3 fr sys kit 2/2	91.78	228
493506	TEMPOMATIC MIX 4 basinwall-m mixer 6V batteries L.220 kit 2/2	463.89	25	578222	TEMPOFLUX 2 WC 3L/6L dual flush for TEMPOFIX 3 fr sys kit 2/2	91.78	228
493506LD	Replaced by 493506	-	-	578230	TEMPOFLUX 2 WC dual flush TEMPOFIX 3 fr sys 70-130mm kit 2/2	160.63	229
493510	TEMPOMATIC MIX 4 basin F3/8" mixer CW 230/6V rec mains L.190	554.55	25	578300DE	*TEMPOFIX 3 WC frame Ø110 wall fix kit (stock then 578305BE)	533.98	-
493516	TEMPOMATIC MIX 4 basin F3/8" mix c-wall 6V batteries L.190	500.50	25	578305DE	TEMPOFIX 3 WC frame 10-35 & 70-130mm Ø110 free-stand kit 1/2	516.31	228
49400015	Replaced by 49000015	-	-	578400DE	Replaced by 578405DE	-	-
49400615	Replaced by 49000615	-	-	578405DE	TEMPOFIX 3 WC frame 30-60mm Ø110 free-standing kit 1/2	516.31	229
495070	TEMPOMATIC detector with cable L0.7m	102.59	267	578MUR	Wall reinforcements for TEMPOFIX 3 frame system	41.28	233
495149	TEMPOMATIC detector with cable L1.50m	113.10	267	578PMR	TEMPOFIX 3 connection kit, L 580mm for PMR WC bowl	20.48	233
49525315	Replaced by 49000015	-	-	580000	Basin or urinal waste Ø63 M1 1/4" st steel grid + ctrl screw	14.12	184
49525715	Replaced by 49000615	-	-	581000	On/Off washbasin waste 1 1/4" stainless steel valve	38.15	75
495444BC	Standard electronic control unit 230/12V with duty flush	238.54	266	60212.10P	10 × Integrated flat filter 0.5 for nut 1/2"	21.02	265
495445BC	Multifunction elect control unit 230/12V for TEMPOMATIC	352.07	266	60234.10P	10 × Integrated flat filter 0.5 for nut 3/4"	24.03	265
495446BC	Electronic control unit 6V battery operated for TEMPOMATIC	410.82	266	60412.10P	10 × Integrated flat filter 0.3 for nut 1/2"	29.53	-
495606	Solenoid vlv M3/8" 6V + filter for TEMPOMATIC, BINOPTIC basin	129.90	266	60438.10P	10 × Integrated conical filter 0.5 for nut 3/8"	21.02	265
495612	Solenoid vlv M3/8" 12V + filter for TEMPOMATIC, BINOPTIC basin	57.28	266	60440.10P	10× filter joints with 0.3mm mesh screen for 3/8" connection	24.19	-
495615	Solenoid valve M1/2" 6V +filter for TEMPOMATIC shower+urinal	129.90	-	611	HYGIÉNA waste 1 1/4" concave grid, adaptable slotted lantern	32.60	75
495626	Solenoid vlv M1/2" 12V + filter for TEMPOMATIC basin/urinal	58.14	266	6110	HYGIÉNA waste with concave grid for basins, stainless steel	32.60	75
495626CEB	Solenoid valve 1/2" + cable L.4m for multifunction unit	80.50	-	6110BK	HYGIÉNA waste matte black with concave grid for st st basin	55.63	75
49801515	BINOPTIC basin Ø15 for CF tap H.250mm 6V battery operated	607.77	41	621	Chrome-plated hygienic basin waste without water level	56.80	75
498035	BINOPTIC for basins M3/8" matte black tap H.250mm 6V bty-op	663.86	41	621W	White hygienic basin waste without water level	47.27	75
498MCHB	BINOPTIC for basins M3/8" matte black mixer H.250mm 6V bty-op	811.81	41	64000	*Wall mtd shwr head 5 ring spray grid (stock thn 709000)	93.10	-
498MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.250mm 6V battery operated	769.52	41	682001UK	Floor trap 100×100 hard floors adj H horiz elbow outlet Ø43	67.69	131
49900015	TEMPOMATIC MIX 5 basin M1/2" rec mains supply Ø15 stopcocks	315.00	43	683001UK	Floor trap 150×150 hard floors adj H horiz elbow outlet Ø43	91.78	131
49900115	TEMPOMATIC MIX 5 basin M1/2" rec UK mains plug Ø15 stopcocks	315.00	43	683002UK	Floor trap st steel grid Ø114 vinyl floors elbow outlet Ø43	67.69	131
49900615	TEMPOMATIC MIX 5 basin mix M1/2" batteries 15mm + stopcocks	315.00	43	684000	Floor trap with grid 140×140 - vertical outlet Ø40	81.08	131
510203	Mirror cabinet 600mm elec tap + elec soap disp + hand dryer	2,117.45	27	70000015	Replaced by 74250015	-	-
510204	Mirror cabinet 800mm elec tap + elec soap disp + hand dryer	2,488.29	27	70000115	Replaced by 74250015	-	-
510205	Mirror cabinet 600mm elec tap + elec soap disp + paper towel	1,830.32	27	70040015	TEMPOMIX 2 basin mixer M1/2" lever ~7sec Ø15 + stopcocks	309.33	67
510206	Mirror cabinet 800mm elec tap + elec soap disp + paper towel	2,195.19	27	700BJ	Flow straightener in Hostaform® for TEMPOSTOP 2 & TEMPOMIX 2	4.94	265
510580	Liquid soap dispenser 1L polished 304 stainless steel	123.80	76	702000	TEMPOSTOP 2 basin tap M1/2" ~7sec time flow	178.38	67
510581	Liquid soap dispenser 1L white powder-coated 304 st. steel	109.50	76	702032	*Water nozzle for tube Ø32 for squat WC (while stocks last)	33.52	-
510582	Liquid soap dispenser 1L 304 stainless steel satin finish	115.91	76	702301	TEMPOSTOP 2 AB basin tap M1/2" ~7sec time flow	203.81	67

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REF.	DESCRIPTION	£ (Excl. VAT)	P.
702400	TEMPOSTOP 2 lever operated basin tap M1/2" ~7sec time flow	206.58	67
703000	TEMPOSTOP 3 basin tap M1/2" ~7sec time flow + back nut	99.82	65
703000AB	TEMPOSTOP 3 AB basin tap M1/2" ~7sec time flow + back nut	112.92	65
703001	TEMPOSTOP 3 basin tap M1/2" ~7sec time flow reinforced fixing	118.22	65
703001AB	TEMPOSTOP 3 AB basin tap M1/2" ~7sec, reinforced fixing	127.83	65
703002	TEMPOSTOP 3 basin tap M1/2" ~7sec time flow + stud nut	112.52	65
703200	TEMPOSTOP wall mounted basin tap M1/2" ~7sec	72.93	65
703200AB	TEMPOSTOP AB wall mounted basin tap M1/2" ~7sec time flow	90.14	65
703201	TEMPOSTOP wall mounted basin tap M3/8" ~7sec time flow	72.93	65
703300	TEMPOSTOP wall mounted basin tap M1/2" ~7sec	96.56	65
703300AB	TEMPOSTOP AB wall mounted basin tap M1/2" ~7sec time flow	113.77	65
703500	TEMPOSTOP exposed shower valve M1/2" inline ~30sec time flow	77.14	126
703580	TEMPOSTOP exposed shower valve M1/2" angled ~15sec time flow	85.76	126
703700	TEMPOSTOP exposed urinal MM1/2" inline ~3sec + wall plate	77.14	179
703800	TEMPOSTOP exp urinal valve MM1/2" angled ~3sec + wall plate	85.76	179
704100	TEMPOSTOP 4 basin tap M1/2" ~7sec time flow	178.38	63
704100AB	TEMPOSTOP 4 AB basin tap M1/2" ~7sec time flow	187.83	63
704900	TEMPOSTOP MIX 4 basin mixer F3/8" ~7sec time flow with stopcocks	266.33	63
704900AB	TEMPOSTOP MIX 4 AB basin mixer F3/8" ~7sec time flow + stopcocks	275.78	63
704910	TEMPOSTOP MIX 4 basin mixer F3/8" ~7sec time flow	254.52	63
704910AB	TEMPOSTOP MIX 4 AB basin mixer F3/8" time flow ~7sec time flow	263.97	63
705000	Connection washer Ø32/55 with clamp for WC	18.17	233
705028	Connection washer Ø28/55 with clamp for WC	23.65	233
708000	RAINY shower head M1/2" recessed	95.71	133
708010	RAINY shower head M1/2" for panels 1-15mm	95.71	133
708030	RAINY shower head F1/2" ceiling-mounted	95.71	133
708040	RAINY shower head wall-mounted	130.94	132
708200	RAINY shower head M1/2" cross wall 230mm	116.21	133
709000	Recessed vandal proof ROUND shower head M1/2"	120.84	134
709000CF	*Recessed ROUND tperproof sh head (stock then 709000)	120.84	-
709000DP	Replaced by 709000	-	-
709010	Vandal proof ROUND shower head M1/2" for panels 1-15mm	121.57	134
709010CF	Replaced by 709010	-	-
709010DP	Replaced by 709010	-	-
709010GR	Replaced by 709010	-	-
709200	Vandal proof ROUND shower head M1/2" for walls 230mm	150.91	134
709200DP	Replaced by 709200	-	-
710000	Wall mounted shower arm MM1/2" L95 for shower head F1/2"	49.37	135
710040	Horizontal wall arm for shower 1/2"	34.19	132
710050	Vertical ceiling arm for shower 1/2"	27.32	132
710500	Wall mounted soap dish Bayblend® chrome plated matt	44.65	137
710501	Wall mounted soap dish Bayblend® chrome plated bright	44.65	137
711000	GYM COMFORT adjustable scale proof shower head F1/2" Ø45	64.56	135
711002	GYM COMFORT EXTRA adj scale proof shower head F1/2" Ø68	85.98	135
712000	TONIC JET vandal proof recessed shower head M1/2"	120.84	134
712000CF	Replaced by 712000	-	-
712000DP	Replaced by 712000	-	-
712000GR	Replaced by 712000	-	-
712010	TONIC JET vandal proof shower head M1/2" for panels 1-10mm	121.47	134
712010DP	Replaced by 712010	-	-
712020	TONIC JET vandal proof exposed shower head F3/4" +column Ø16	216.64	134
712020DP	Replaced by 712010	-	-
714000	*SPORTING exposed shower kit M1/2" ~30s (stock then 714700)	323.49	-
714012	Rec. bracket M1/2" for SPORTING 2 SECURITHERM mains kit1/2	91.78	91
714612	Rec. bracket M1/2" for SPORTING 2 SECURITHERM kit1/2	91.78	91
714700	SPORTING 2 anodised alu sh panel M1/2" ~30sec time flow valve	234.61	109
714700DP	*SPORTING 2 alu shwr ~30sec rain effect (stock then 714700)	254.52	-
714700GR	*SPORTING 2 sh panel M1/2" ~30sec (while stk then 714700)	273.94	-
714732	Replaced by 714700	-	-
714732AB	Replaced by 714700	-	-
714732DP	Replaced by 714700	-	-
714735	Replaced by 714700	-	-
714735AB	Replaced by 714700	-	-
714735DP	Replaced by 714700	-	-

REF.	DESCRIPTION	£ (Excl. VAT)	P.
714764	Starter for SPORTING shower	39.61	263
714765	Starter for SPORTING shower panel	33.87	-
714800	SPORTING anodised aluminium shower panel M1/2", 230/6V	389.66	89
714800DP	Replaced by 714800	-	-
714806	SPORTING anodised aluminium shower panel M1/2", 6V battery	389.66	89
714806DP	Replaced by 714806	-	-
714900	SPORTING alu therm shower panel top inlets M1/2", 230/6V	516.31	91
714900DP	Replaced by 714900	-	-
714906	SPORTING alu therm shower panel top inlets M1/2", 6V battery	516.31	91
714906DP	Replaced by 714906	-	-
714910	SPORTING therm shower panel conc inlet, 230/6V, kit 2/2	458.94	91
714910DP	Replaced by 714910	-	-
714916	SPORTING therm shower panel conc inlet 6V battery, kit 2/2	458.94	91
714916DP	Replaced by 714916	-	-
714BE	Scale resistant nozzle w conical spray, tamperproof-M24x1.25	13.76	135
714EAS	Push-button starter with base for SPORTING 2	32.75	263
715000	Ceiling mounted shower head F1/2" with chromed rim Ø80	24.61	135
716000	Ceiling mounted GYM vandal proof shower head F1/2" fixed	63.64	134
717510	Shower tower 1 shower head	1,244.01	111
717511	Shower tower 1 shower head + 1 bib tap	1,430.61	111
717520	Shower tower 2 shower heads	1,492.79	111
717521	Shower tower 2 shower heads + 1 bib tap	1,679.40	111
717540	Shower tower 4 shower heads	2,052.60	111
729008	*Soap disp strt spout 1L btl, chr brass (whl stk thn 729064)	104.01	-
729012	*Soap disp curved spout 1L btl, chr brass(whl stk thn 729064)	109.14	-
729064	Soap disp w. cart, straight spout 1L bottle, stainless steel	82.73	76
729108	*Soap disp. strt spt tube L1200, chr brass(whl stk thn 729164)	104.01	-
729112	*Soap disp crvd spt tube L1200, chr brass(whl stk thn 729164)	109.14	-
729150	*W-mtd soap disp c-wall 190, chromed (whl stock then 729170)	117.63	-
729164	Soap disp w. cartridge straight spout, tube L. 1200 st steel	82.73	76
729170	Wall-mtd soap disp with cartridge, c-wall 190mm, st steel	93.07	76
729508	*Soap disp strt spt 0.5L btl chr brass(whl stk then 729564)	104.01	-
729512	*Soap disp crvd spt 0.5L btl, chr brass (whl stk then 729564)	109.14	-
729564	Soap disp w. cartridge, straight spout 0.5L bottle, st steel	82.73	76
730802.2P	*2 x Angled isolating ball valve for PREMIX 3/4" (while stock)	188.23	-
730803.2P	Discontinued	-	-
730804.2P	*2 x Angled isolating ballvalves for PREMIX 1 1/4" (while stk)	322.20	-
731002	PREMIX COMFORT 55 group thermostatic mixer M3/4" 55lpm	636.01	153
731003	PREMIX COMFORT 90 group thermostatic mixer M1" 90lpm	985.81	153
731004	PREMIX COMFORT 140 group thermostatic mixer M1 1/4" 140lpm	1,415.10	153
731005	PREMIX COMFORT 190 group thermostatic mixer M1 1/2" 190lpm	1,828.48	153
731052	PREMIX SECURITY 55 group thermostatic mixer M3/4" 55lpm	636.01	151
731053	PREMIX SECURITY 90 group thermostatic mixer M1" 90lpm	985.81	151
731054	PREMIX SECURITY 140 group thermostatic mixer M1 1/4" 140lpm	1,415.10	151
731055	PREMIX SECURITY 190 group thermostatic mixer M1 1/2" 190lpm	1,828.48	151
731200	PREMIX COMFORT T2 group thermostatic mixer M3/4" 55lpm	636.01	153
731300	PREMIX COMFORT T3 group thermostatic mixer M1" 90lpm	985.81	153
731400	PREMIX COMFORT T4 group thermostatic mixer M1 1/4" 140lpm	1,415.10	153
731500	PREMIX COMFORT T5 group thermostatic mixer M1 1/2" 190lpm	1,828.48	153
732115	PREMIX NANO thermostatic mixer Ø15mm nickel body	92.09	155
732115MEC	PREMIX NANO thermostatic mixer Ø15mm nickel body MECHLINE	112.19	155
732116	PREMIX NANO thermostatic mixer Ø15mm chromed body	108.39	155
732515	Connection kit PEX L300 for PREMIX NANO 732216	49.37	264
733015	PREMIX COMPACT thermostatic mixer M1/2" rough cast body	117.97	-
733016	Replaced by 733015	-	-
733020	PREMIX COMPACT thermostatic mixer M3/4" rough cast body	117.97	-
733115	PREMIX COMPACT thermostatic mixer M1/2" Ø15mm rough body	117.97	155
733116	PREMIX COMPACT thermostatic mixer M3/4" Ø15mm rough body	117.97	155
734100	TEMPOGENOU angled MM1/2" lever L350 ~7sec	127.00	71
735000	TEMPOGENOU inline MM1/2" stud nut lever L350 ~7sec	138.03	71
735400	TEMPOGENOU inline MM1/2" lever L350 ~7sec	127.14	71
735447	TEMPOGENOU inline MM1/2", lever L350 ~7sec comp. fittings	149.99	-
73544715	TEMPOGENOU inline MM1/2", lever L350 ~7sec comp fit + olives	161.46	71
736001	MONOFOOT floor mounted pedal operated valve MM1/2" stud nut	188.35	71

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REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
736101	MONOFOOT floor mounted pedal operated vlv MM1/2" without nut	180.78	71	743789	TEMPOMIX shower cartridge time flow ~30sec (new design)	101.01	263
736102	MONOFOOT wall mounted pedal operated vlv MM1/2" without nut	206.96	71	743790	TEMPOMIX shower cartridge time flow ~30sec (old design)	101.01	263
739000	Replaced by 739100	-	-	743791	TEMPOMIX basin cartridge, time flow ~7 sec (new design)	101.01	262
739100	MIXFOOT floor mounted pedal operated mixer MM1/2" w-out nut	210.40	71	743792	Thermostatic cartridge for shower mixer	147.73	263
739102	MIXFOOT wall mounted pedal operated mixer MM1/2" without nut	220.83	71	743794	TEMPOMIX 3 basin cartridge ~7sec time flow	95.25	262
740000	*TEMPOSOFT bsn tap ~7sec time flow (stock then 740500)	225.96	-	743795	TEMPOMIX basin cartridge ~7 sec time flow (old design)	101.01	262
740300	TEMPOSOFT 2 basin tap M1/2" ~7sec time flow reinforced fixing	101.74	61	743796	TEMPOMIX wall mounted basin cartridge ~7 sec (old design)	101.01	262
740500	TEMPOSOFT 2 basin tap M1/2" ~7sec time flow	90.79	61	743797	TEMPOMIX recessed shower cartridge ~30sec (old design)	101.01	263
740515	*TEMPOSOFT 2 basin tap M1/2" ~15s time flow(stock then 740500)	107.81	-	743798	TEMPOMIX cross wall basin cartridge ~7 sec (old design)	101.01	262
741000	*TEMPOSOFT wall mntd bsn tap L80 ~7s (stock thn 741500)	158.19	-	743799	TEMPOMIX 3 shower cartridge time flow ~30 sec	115.46	263
741500	TEMPOSOFT 2 wall mtd basin tap M1/2" L110 ~7sec time flow	89.15	61	743898	Cartridge for TEMPOMIX 3 exposed shower, time flow ~30s	-	-
741515	Replaced by 741500	-	-	743902	TEMPOSTOP 2 / TEMPOMIX 2 basin cartridge ~15sec time flow	65.21	262
741550	TEMPOSOFT 2 wall mtd basin tap M1/2" L150 ~7sec time flow	107.41	61	743907	TEMPOSTOP 2 / TEMPOMIX 2 basin cartridge ~7sec time flow	65.21	262
741555	TEMPOSOFT 2 basin tap M1/2" for 50mm panels ~7 sec L.150	143.60	61	743908	TEMPOSTOP 2 / TEMPOMIX 2 AB basin cartridge ~7 sec time flow	83.50	262
741565	Replaced by 741550	-	-	743915	TEMPOSTOP 2 / TEMPOMIX 2 AB basin cartridge ~15sec time flow	83.50	262
741943	TEMPOSTOP AB basin tap M1/2" 200mm CW	239.88	-	745100	TEMPOSTOP basin tap M1/2" ~7sec time flow + back nut	85.00	68
741945	TEMPOSTOP AB basin kit M1/2" ~7sec	368.20	-	745101	TEMPOSTOP AB basin tap M1/2" ~7sec time flow + back nut	92.72	68
74200015	Replaced by 74250015	-	-	745200	TEMPOSTOP basin tap M1/2" ~7sec time flow + stud nut	100.05	-
742204	Tamperproof cross wall control 245mm for TEMPOCHASSE	45.47	-	745300	TEMPOSTOP basin tap M1/2" ~7sec time flow reinforced fixing	92.38	68
74250015	TEMPOSOFT MIX 2 mixer M1/2" ~7sec comp fit Ø15 + stopcocks	213.07	61	745301	TEMPOSTOP AB basin tap M1/2" ~7sec, reinforced fixing	97.06	68
74250015CO	TEMPOSOFT MIX 2 M1/2" mixer ~7sec copper tails Ø 15mm conn +SC	301.20	61	745440	TEMPOSTOP lever operated basin tap M1/2" ~7sec	108.67	68
742510	TEMPOSOFT MIX 2 basin mixer F3/8" ~7sec time flow	195.88	-	746000	TEMPOSTOP wall mounted basin tap M1/2" ~7sec	59.89	69
742510LH	TEMPOSOFT MIX 2 basin mixer F3/8" ~7sec time flow + LH	269.63	-	746001	TEMPOSTOP AB wall mounted basin tap M1/2" ~7sec time flow	68.92	69
742520	TEMPOSOFT MIX 2 basin mixer F3/8" ~15sec time flow	220.37	-	746292	TEMPOSTOP wall mtd basin tap M1/2" ~7sec with wall plate	62.64	69
743003	TEMPOSTOP 1/2" cartridge ~3sec time flow	51.48	264	746410	TEMPOSTOP wall mounted lever operated basin tap M1/2" ~7sec	109.14	69
743005	TEMPOSTOP basin/urinal cartridge ~7sec time flow	51.48	262	747000	TEMPOSTOP exposed shower valve M1/2" inline ~15sec time flow	74.80	129
743010	TEMPOSTOP basin/shower cartridge ~15sec time flow	51.48	262	747004	TEMPOSTOP chain pull shower valve M1/2" 15sec + GYM COMFORT	191.42	129
743105	TEMPOSTOP AB cartridge basin/urinal ~7sec time flow	69.80	262	747006	TEMPOSTOP chain pull shower valve M1/2" 15sec + GYM	186.64	129
743107	TEMPOSTOP recessed urinal cartridge ~7sec time flow	58.99	-	747080	TEMPOSTOP exposed shower valve M1/2" disk push button ~7sec	121.34	-
743115	TEMPOSTOP AB basin cartridge ~15sec time flow	68.40	262	747110	TEMPOSOFT AB shower kit M1/2" c-wall 200mm ~15 sec + ROUND	284.38	128
743205	TEMPOSTOP AB cross wall/lever basin cartridge ~7 sec	68.75	262	747114	TEMPOSTOP basin tap M1/2" inline ~3sec compression fittings	77.49	-
743215	TEMPOSTOP AB cross wall/lever basin/shower cartridge ~15sec	69.80	263	747121	TEMPOSTOP rec/c-wall rough cast shower valve M1/2" ~15sec	69.88	-
743303	TEMPOSTOP urinal cartridge ~3sec time flow	51.48	-	747122	TEMPOSTOP AB rec/c-shower valve rough M1/2" ~15sec	88.20	-
743305	TEMPOSTOP cross wall/lever basin/urinal cartridge ~7sec	51.48	262	747210	TEMPOSTOP AB c-wall 200 shwr kit M1/2" ~15sec 2 ctrl+ROUND	413.63	128
743310	TEMPOSTOP cross wall/lever basin/shower cartridge ~15sec	51.48	263	747214	TEMPOSTOP AB shower valve kit CW 200mm	301.63	-
743323	TEMPOSTOP c-wall/lever basin/urinal cartridge ~3sec time flow	51.48	262	747500	TEMPOSTOP chain pull shower valve MM1/2" ~15sec time flow	133.11	-
743428	TEMPOSTOP recessed shower cartridge ~30sec time flow	72.74	263	747800	TEMPOSOFT 2 wall mtd exp shower valve M1/2" inline ~30 sec	103.53	125
743507	TEMPOFLUX WC rec flush valve cartridge ~7sec time flow	97.52	-	747801	TEMPOSOFT 2 exp shower kit M1/2" ~30 sec valve + TONIC JET	315.44	125
743528	TEMPOSTOP recessed urinal cartridge ~7sec time flow	72.74	264	747952	TEMPOSTOP rec/c-wall basin/sh valve M1/2" ~15sec comp fitting	69.88	-
743605	TEMPOCHASSE 1 1/4" rec/cross wall cartridge ~7sec time flow	68.69	264	748000	TEMPOSTOP exposed shower valve M1/2" angled ~15sec time flow	85.76	129
743622	TEMPOFLUX 2 WC 3/4" recessed cartridge/frame 10-35mm ~7sec	83.92	264	748110	TEMPOSTOP AB basin tap M1/2" c-wall 200mm ~7 sec time flow	223.69	69/239
743642	TEMPOSTOP 3/4" c-wall/rec shower cartridge ~30sec time flow	72.74	263	748126	TEMPOSTOP angled basin tap M1/2" rough cast ~7sec + bk nuts	72.05	72
743644	TEMPOSTOP 3/4" recessed shower cartridge ~30sec time flow	83.29	263	748130	TEMPOSTOP angled basin tap M1/2" rough cast ~15sec + bk nuts	72.05	-
743645	TEMPOSTOP 3/4" recessed urinal cartridge ~7sec time flow	83.29	264	748150	TEMPOSTOP wall mounted basin tap M1/2" ~15sec swivel spout	105.28	69
743677	TEMPOFLUX 2 WC 3/4" recessed/frame 30-60mm cartridge ~7sec	122.41	264	748151	*TEMPOSTOP AB wall mtd ~15sec swivel spout (stock thn 748150)	123.54	-
743700	TEMPOSTOP 3/4" exposed shower cartridge ~30sec time flow	72.74	263	748205	TEMPOSTOP AB basin tap elbow M1/2" time flow ~7sec	82.00	-
743705	TEMPOCHASSE 1 1/4" lever operated cartridge ~7sec time flow	68.69	264	748210	TEMPOSTOP AB c-wall 200 basin kit M1/2" ~7sec 2 ctrl spt L75	300.77	239
743707	TEMPOSTOP 3/4"siphon action urinal cart ~7sec time flow	72.74	264	748218	TEMPOSOFT 2 recessed shower valve, kit 2/2 (+748BOX)	213.49	124
743714	SPORTING wall mounted shower cartridge ~30sec time flow	31.58	263	748219	TEMPOSOFT 2 recessed shower valve + ROUND, kit 2/2 (+748BOX)	322.11	124
743715	SPORTING shower panel cartridge ~30sec time flow	31.58	263	748626	TEMPOSTOP wall mtd basin tap M1/2" ang rough body ~7sec flow	75.18	72
743741	TEMPOSOFT urinal cartridge ~7sec time flow	47.66	-	748630	Replaced by 748626	-	-
743742	TEMPOSOFT basin cartridge ~15sec time flow	47.66	262	748715	TEMPOSOFT2basinM1/2"exposedangledvaleroughcastnopush-button~7seconds	66.08	-
743743	TEMPOSOFT shower cartridge ~30 sec time flow	47.66	263	748800	TEMPOSOFT 2 exposed shower valve M1/2" angled ~30 sec flow	91.62	125
743744	TEMPOSOFT urinal cartridge ~3sec time flow	52.90	263	748BOX	Recessed waterproof housing TEMPOSOFT 2 shower, kit 1/2	138.56	124
743747	TEMPOSOFT basin cartridge ~7sec time flow	47.66	262	749000	TEMPOSTOP exposed shower valve M3/4" 75 lpm ~30sec time flow	114.59	129
743749	TEMPOSTOP 3/4" exposed shower cartridge ~30sec time flow	68.69	263	749001	*TEMPOSTOP exp shower kit ~30s + TONIC JET (stock thn 747801)	305.24	-
743761	TEMPOFLUX WC 3/4" exp. flush vlv cartridge ~7sec time flow	68.69	264	749002	Discontinued	-	-
743762	TEMPOFLUX WC 3/4" rec flush vlv cartridge ~7sec time flow	68.69	264	749110	TEMPOSTOP shower kit M1/2" c-wall 200mm ~30 sec + ROUND	284.38	128
743763	TEMPOFLUX WC 3/4" c-wall flush vlv cartridge ~7sec time flow	61.74	264	749128	TEMPOSTOP rec shower valve F1/2" st steel Ø130 plate ~30sec	160.63	127
743765	Recessed TEMPOFLUX 3 cartridge, dual flush 3L/6L	48.18	264	749218	TEMPOSTOP recessed shower valve waterproof Kit 2/2 (+749BOX)	214.01	-
743777	TEMPOFLUX exposed urinal cartridge 7sec time flow	62.10	264	749218CXL	Replaced by 749218 + 749BOX	-	-
743778	TEMPOFLUX exposed urinal cartridge 3sec time flow	63.64	264	749239	TEMPOSTOP recessed shower waterproof Kit2/2 ROUND (+749BOX)	322.26	-
743779	TEMPOCHASSE 3/4" WC cartridge ~7sec time flow	68.69	264	749300	TEMPOSOFT aluminium shower panel top inlet valve ~30sec	554.53	107
743786	TEMPOMIX wall mounted basin cartridge ~7 sec (new design)	101.01	262	749310	TEMPOSOFT shower panel concealed valve inlet	554.53	107

References prefixed by * are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.
749350	TEMPOSOFT aluminium shower panel top inlet +handset ~30sec	639.85	107
749428	TEMPOSOFT 2 rec shower valve M1/2" ~30 sec + wall plate Ø130	127.21	125
749429	TEMPOSOFT 2 recessed shower kit M1/2" ~30 sec valve + ROUND	249.87	125
749628	TEMPOSTOP recessed shower valve F1/2" ~30sec st steel plate	160.63	127
749700	TEMPOSTOP exposed shower valve M3/4" 12 lpm ~30sec time flow	125.91	129
749721	TEMPOSTOP exp shower M1/2" M3/4" ~30sec, inlet comp fittings	148.10	129
749770	TEMPOSTOP shower valve M3/4" for panels ~30sec + wall plate	132.34	128
749870	TEMPOSOFT 2 sh valve M1/2" for panels 7mm ~30 sec time flow	98.02	125
749BOX	TEMPOSTOP rec shower waterproof Kit 1/2 (+749218/239)	223.71	-
751000	Urinal neck tube F1/2" for ALLIA /SELLES + water nozzle	50.85	182
751753	*Urinal neck tube F1/2" for VB Losange 7530+w. nozzle(whl stk)	67.86	183
752000	Urinal neck tube F1/2" Ø35	35.73	182
752430	Urinal neck tube Ø 35mm recessed supply	25.97	163
753000	Urinal neck tube F1/2" F3/8" Ideal STANDARD/PORCHER Applique	23.65	182
753005	Repair kit TEMPOSTOP basin/urinal ~7sec - until 2022	24.21	-
753010	Refit kit for TEMPOSTOP basin/shower ~15sec - until 2022	24.21	-
753105	Refit kit TEMPOSTOP AB basin/urinal ~7sec - until 2022	24.21	-
753115	Refit kit TEMPOSTOP AB basin/shower ~15sec - until 2022	24.21	-
753149	Maintenance kit for TEMPOSTOP shower ~30sec time flow	31.58	263
753303	Repair kit TEMPOSTOP basin/urinal ~3sec - until 2022	24.21	-
753395	Discontinued	-	-
753730	Maintenance kit for PREMIX COMFORT 3/4" or 1"	133.76	264
753733	Repair kit for PREMIX COMPACT	46.79	264
753735	Maintenance kit for PREMIX COMFORT 1 1/4" and 1 1/2"	184.58	264
753750	Maintenance kit for PREMIX SECURITY 3/4" or 1"	146.52	264
753761	Maintenance pack for TEMPOFLUX WC ~7sec time flow	40.19	264
753779	Maintenance kit for TEMPOCHASSE WC ~7sec time flow	31.58	264
753790	Maintenance kit for TEMPOMIX shower ~30sec time flow	62.31	263
753795	Maintenance kit deck mtd TEMPOMIX basin ~7 sec time flow	62.31	262
753796	Maintenance kit wall mtd TEMPOMIX basin ~7 sec time flow	62.31	262
754000	Urinal neck tube F1/2" F3/8" for J DELAFON Coquille 2-1519	26.36	183
754524	Urinal neck tube F1/2" for J DELAFON Coquille + water nozzle	56.76	183
756000	*Neck tube F1/2" for ALLIA/SELLES + water nozzle (while stock)	60.91	183
756230	*Urinal neck tube F1/2" JD Wall 2, Boiss 2 + water noz (stock)	63.45	-
757000	Discontinued	-	-
757118	Neck tube F1/2" for DELABIE DELTACERAM urinal	56.17	-
757135	Neck tube F1/2" TEMPOSTOP TEMPOSOFT 2 for FINO urinal	51.77	182
757160	Neck tube F1/2" for DELABIE DELTA urinal before 04/2019	32.52	-
757162	Neck tube F1/2" for DELABIE DELTA urinal after 04/2019	64.48	182
757430	Neck tube + 1/2" union for rec supply for urinal with flexi	56.17	163
758021	Urinal water nozzle for stalls M3/8" recessed inlet	32.62	183
758035	Urinal union M1/2" Ø35 recessed	22.67	183
758135	Urinal neck tube F1/2" Ø35 recessed supply	44.51	183
758445	Recessed neck tube F1/2" for 1/2" urinals	44.51	183
758645	*Urinal neck tube F1/2" + wtr nozzle ALLIA Amigo 3645 (stock)	91.05	-
758921	Urinal water nozzle for stalls M1/2" recessed inlet	32.62	183
759000	*Urinal neck tube F3/4" Ø35 for siphon action (while stock)	39.76	182
759090	Discontinued	-	-
760000	TEMPOCHASSE WC exposed valve MM1 1/4" ~7sec time flow	138.58	231
760004	TEMPOCHASSE WC exp valve kit 1" ~7sec + inline stopcock	305.01	231
760005	TEMPOCHASSE exposed valve 1" ~7sec + elbow stopcock	294.93	231
760110	*TEMPOCHASSE WC 1" c-wall 200 ~7 sec(while stk then 763256)	245.34	-
760150	*TEMPOCHASSE WC 1" CW valve 190mm (while stk 763256)	265.16	-
760200	Replaced by 763266	-	-
760210	*TEMPOCHASSE WC 1" cr wll 200 + angl tube Ø32 (stk thn 763266)	303.07	-
760220	TEMPOCHASSE WC rec/plate kit 1" +con wash Ø32/55 ~7sec	370.59	231
760460	TEMPOCHASSE exp for slop hop kit 1 1/4" + tube Ø32 ~7sec	346.54	231
760605	TEMPOCHASSE WC recessed/c-wall cast MM1 1/4" Ø32 ~7sec flow	117.90	-
760700	*TEMPOCHASSE 1" CW valve kit 190mm + tube (stock thn 763266)	308.18	-
761000	TEMPOFLUX WC Ø28 exposed valve M3/4" angled ~7sec time flow	118.15	230
761001	TEMPOFLUX WC Ø28 exposed valve M3/4" angled ~7sec + stopcock	175.27	230
761002	TEMPOFLUX WC exposed kit F3/4" Ø28 angled ~7sec + stopcock	270.25	230
761003	TEMPOFLUX WC exp kit M3/4" angled ~7sec + tube Ø28 stopcock	258.30	230
761004	TEMPOFLUX WC exp kit M3/4" angled ~7sec time flow +tube Ø28	201.18	230

REF.	DESCRIPTION	£ (Excl. VAT)	P.
761025	TEMPOFLUX WC M3/4" exp vlv time flow ~7 sec + tube Ø 24/25mm	136.30	230
761110	TEMPOFLUX WC M3/4" Ø25 flush vlv c-wall 200 ~7 sec time flow	234.60	245
761200	TEMPOFLUX WC valve CW 200mm ~7sec	245.01	-
761210	TEMPOFLUX WC M3/4" kit c-wall 200mm ~7 sec timing + tube 2/2	274.19	245
761627	TEMPOFLUX WC rec valve M3/4" 7 sec st steel plate 220x170	248.16	230
761700	TEMPOFLUX WC valve kit CW 200mm ~7sec	286.25	-
761900	TEMPOFLUX WC recessed valve M3/4" ~7 sec chromed plate Ø195	264.62	230
762150	TEMPOFLUX 2 WC cross wall 140 flush valve M3/4" Ø25 ~7sec	288.48	227
762901	TEMPOFLUX 2 WC rec vlv M3/4" with box ~7sec single flush	279.06	227
762902	TEMPOFLUX 2 WC rec valve M3/4" with box ~7sec dual flush	302.52	227
763000	TEMPOFLUX 3 WC F3/4" recessed AB, satin, 3L/6L, kit 2/2	180.17	217
763030	TEMPOFLUX 3 WC F3/4" recessed AB, black glass, 3L/6L, kit 2/2	451.18	217
763040	TEMPOFLUX 3 WC recessed AB, chromed, 3L/6L, kit 2/2	256.02	217
763041	TEMPOFLUX 3 WC F3/4" recessed valve AB, single flush, kit 2/2	232.41	217
763256	TEMPOFLUX 3 WC M3/4", AB, 6L, flush valve cross wall 200	224.21	245
763266	TEMPOFLUX 3 WC M3/4" AB 6L valve cross wall 200 + tube Ø32	266.60	225
763300	TEMPOFLUX 3 recessed 3/4" WC valve AB side control	447.89	224
763BOX	TEMPOFLUX 3 WC 3/4" valve recessed AB, 3L/6L, kit 1/2	150.13	217
763CAT5	DC pipe interrupter 1" cat. 5	141.81	-
763MOD	Start-up module for TEMPOFLUX 3 and dual control TEMPOMATIC	63.75	-
764000	Inline stopcock chromed + flow adjustment F1" - F1 1/4"	86.72	231
764600	*Stopcock straight+flow adjustment F1"-F1 1/4" rough(whl stk)	81.40	-
765000	Elbow stopcock chromed + flow adjustment F1" - F1 1/4"	76.68	231
765020	Elbow stopcock chromed + flow adjustment FF3/4"	76.03	230
766001	Elbow flush tube Ø32/55 st steel TEMPOCHASSE WC 1 1/4"	89.18	232
766002	Elbow flush tube + con washer Ø28/55 for TEMPOFLUX WC 3/4"	83.04	232
769001	*Elbow flush tube PE Ø32/55 fr TEMPOCHASSE (stock thn 766001)	67.65	-
769400	Recessed/cross wall PVC elbow flush tube Ø32	43.03	232
769500	Rec/c-wall PVC elbow flush tube + connection washer Ø32/55	65.10	232
770035	Urinal corner wedge L35 I.S.J.DELAFON, LAUFEN, PORCHER	41.49	185
770045	Urinal corner wedge L45 ALLIA VILLEROY & BOCH	41.49	185
771000	SIPHURINOIR vertical siphon with lip seal Ø50/32 H110 chr ABS	42.36	184
775000	*Urinal outlet M1 1/4" socket to seal Ø54 (stock thn 776000)	24.74	-
776000	Urinal outlet M1 1/4" with comp seal Ø50 w-out nut, chr brass	68.09	185
777000	TEMPOSTOP exposed urinal MM1/2" inline ~3sec + wall plate	74.70	181
777007	Replaced by 777000	74.70	-
777015	TEMPOSTOP urinal kit inline washer Ø35	111.37	-
777101	*TEMPOSTOP urinal kit inline ALLIA Aubagne 2,SELLES(while stk)	196.99	-
777110	TEMPOSTOP urinal valve MM1/2" c-wall 200mm ~3 sec time flow	126.54	181
777130	TEMPOSOFT 2 recessed urinal valve M1/2" ~3sec + wall plate	127.21	178
777140	TEMPOSOFT 2 urinal vlv MM1/2" for panels 7mm ~3sec time flow	99.96	178
777517	*TEMPOSTOP urnl kit inline JACOB DELAFON Coquille 2(while stk)	214.91	-
777800	TEMPOSOFT 2 wall mtd exposed urinal valve MM1/2" ~3sec flow	89.03	178
777807	Replaced by 777800	-	-
777924	Replaced by 778BOX	-	-
777925	*TEMPOSTOP recessed urinal valve MM1/2" ~3sec kit2(while stk)	119.11	-
777930	TEMPOSTOP recessed urinal valve MM1/2" ~3sec + wall plate	118.15	-
778000	TEMPOSTOP exp urinal valve MM1/2" angled ~3sec + wall plate	82.33	181
778007	Replaced by 778000	82.33	-
778700	TEMPOFLUX recessed urinal satin st. steel ~3 sec kit 2/2	202.70	175
778707	TEMPOFLUX recessed urinal satin st. steel ~7 sec kit 2/2	202.70	175
778754	Replaced by 778755	-	-
778755	TEMPOFLUX exp. urinal valve kit M1/2" angled 3 sec +stopcock	169.18	177
778756	Discontinued	-	-
778757	TEMPOFLUX kit M1/2" ~3 sec for DELTA urinals after 12/2018	173.94	177
778759	TEMPOFLUX urinal valve kit M1/2" ~3 sec for FINO urinals	173.94	177
778764	Replaced by 778755	-	-
778766	Discontinued	-	-
778767	Discontinued	-	-
778769	Replaced by 778759	-	-
778800	TEMPOSOFT 2 wall mounted urinal valve M1/2" angled ~3sec	82.33	178
778807	Replaced by 778800	-	-
778BOX	Recessed waterproof housing for TEMPOFLUX urinal, kit 1/2	138.68	175
779000	Replaced by 777000	-	-

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REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
779128	TEMPOSTOP recessed urinal valve FF1/2" ~7sec + wall plate	157.04	180	792344DP	Replaced by 792344	-	-
779421	Replaced by 779427	-	-	792350	Replaced by 792380	-	-
779427	TEMPOSTOP rec urinal valve FF1/2" ~7sec time flow + plate	174.42	180	792354	Replaced by 792344	-	-
785000	Stall waste + integ siphon, vertical outlet Ø40 with nut	44.58	184	792354CF	Replaced by 792344	-	-
790000	TEMPOMIX exposed shower mixer M3/4" ~30sec time flow	266.46	123	792354DP	Replaced by 792344	-	-
790001	*TEMPOMIX exp shwr mxr kit ~30s time flow (stock then 794450)	435.14	-	792370	SECURITHERM therm alu shower panel top inlets handset ~30sec	1,021.15	99
790006	Replaced by 794450	-	-	792380	SECURITHERM therm alu sh panel hidden inlets handset + fix	1,038.95	99
790008	*TEMPOMIX exp shwr mxr kit ~30s +elbw union (stock thn 794450)	496.30	-	79239015	SECURITHERM alu shower panel top inlets Ø15 handset + fix	1,048.08	99
790152	Aluminium extension for shower panel	210.84	136	79240015	SECURITHERM therm alu sh panel 6V battery-op top inlets Ø15	1,123.62	85
790153	Stainless steel telescopic extension for shower panel	375.25	136	792403	*SECURITHERM st.s thrm pnl 6V batt tp inlt (stck thn 792504)	1,301.78	-
790204	TEMPOMIX st steel shower panel top inlets ~30sec + soap dish	972.75	105	792403CF	Replaced by 792504	-	-
790204	TEMPOMIX st steel shower panel top inlets ~30sec + soap dish	972.75	105	792403DP	Replaced by 792504	-	-
790204CF	Replaced by 790204	-	-	79240415	Replaced by 792504	-	-
790204CF	Replaced by 790204	-	-	792404CF	Replaced by 792504	-	-
790204DP	Replaced by 790204	-	-	792404DP	Replaced by 792504	-	-
790204DP	Replaced by 790204	-	-	792410UK	SECURITHERM therm alu shower panel UK 6V batt-op back inlets	1,123.62	85
790214	*TEMPOMIX st steel sh.panel + soap dish (stock then 790204)	972.75	105	792413	Replaced by 792514	-	-
790218	TEMPOMIX recessed shower mixer waterproof Kit2/2 (+790BOX)	353.97	122	792413CF	Replaced by 792514	-	-
790219	TEMPOMIX recessed sh mixer waterproof Kit2/2 ROUND (+790BOX)	457.21	122	792413DP	Replaced by 792514	-	-
79030015	TEMPOMIX alu shower panel top inlets Ø15 comp fit ~30sec	778.91	104	792414	Replaced by 792514	-	-
79030515	*TEMPOMIX alu shwr pan. top inlets+soap dish(stk thn 79030015)	814.63	104	792414CF	Replaced by 792514	-	-
790310	TEMPOMIX aluminium shower panel mixer hidden inlets ~30sec	769.80	104	792414DP	Replaced by 792514	-	-
79035015	TEMPOMIX alu shower panel top inlets Ø15 mixer + handset	920.27	104	792452	*SECURITHERM elec therm shwr rec wtrprf kit (stck then 443218)	845.54	-
790425	TEMPOMIX rec shower mixer M1/2" Ø15 ~30sec time flow + plate	340.47	-	792459	*SECURITHERM elect therm sh mix rec +ROUND (stck then 443219)	953.77	-
790427	TEMPOMIX rec shower mixer M1/2" Ø14 ~30sec time flow + plate	340.47	123	792504	SECURITHERM st st therm shower panel 230/6V top inlet +soap	1,378.71	87
790709	TEMPOMIX recessed/plate shower mixer kit M1/2" + ROUND	448.70	123	792514	SECURITHERM SS therm shower panel 230/6V back inlets + soap	1,378.71	87
790712	*TEMPOMIX rec shower kit M1/2 + TONIC JET(whl stk thn 790709)	463.16	-	792BOX	Waterproof recessed control unit for therm shower kit 1/2	233.41	122
790874	TEMPOMIX exposed shower mixer FFM3/4" ~30sec + elbow unions	334.96	123	794000	TEMPOMIX 3 basin mixer F3/8" ~7sec time flow with stopcocks	275.36	-
790875	Replaced by 790874	-	-	79400015	TEMPOMIX 3 basin mix M1/2" ~7sec time flow + stopcock Ø15	278.78	53
790909	TEMPOMIX recessed shower mixer kit M1/2" plate Ø195 + ROUND	448.70	123	79400015AB	TEMPOMIX 3 AB basin mix M1/2" ~7sec time flow + stopcock Ø15	292.43	53
790912	*TEMPOMIX rec sh kit M1/2" Ø195 TONICJET(whl stk thn 790909)	463.16	-	79400015CO	TEMPOMIX 3 basins M1/2" mixer ~7sec copper tails Ø 15 conn +SC	389.47	-
790925	TEMPOMIX rec sh mixer M1/2" Ø15 ~30sec time flow plate Ø195	340.47	-	79400015LD	Replaced by 79400015	-	-
790927	TEMPOMIX recessed shower mixer M1/2" Ø14 ~30sec plate Ø195	340.47	123	794000LD	Replaced by 794000	-	-
790970	TEMPOMIX shower mix M3/4" for panels 1-10mm ~30sec time flow	284.25	123	794012	Nanny joint, rec. M1/2" for TEMPOMIX 3 kit 1/2	118.17	55
790975	TEMPOMIX shower mix M3/4" for panels 8-16mm ~30sec time flow	284.25	59	794050	TEMPOMIX 3 basin mix. M1/2" recessed ~7 sec spout L.110	350.38	55
790BOX	Recessed waterproof box for shower mixer - Kit 1/2	109.97	122	794050LD	Replaced by 794050	-	-
791300	Shower alu panel top inlets mechanical mixer sh head 6lpm	686.12	-	794055	TEMPOMIX 3 basin mix. M1/2" recessed ~7 sec spout L.190	399.97	55
79130015	Shower alu panel top inlets Ø15 mech mixer sh head 6lpm	686.12	107	794055LD	Replaced by 794055	-	-
791350	Shower alu panel top inlets mechanical mixer + handset	843.73	107	794100	TEMPOMIX 3 basin mixer F3/8" ~7sec time flow	263.89	-
791360	Shower panel conc inlet mech mix + shower head	843.73	107	794100AB	TEMPOMIX 3 AB basin mixer F3/8" ~7sec time flow	281.10	-
792218	SECURITHERM therm shower mix rec ~30sec waterproof kit 2/2	560.54	122	794100LD	Replaced by 794100	-	-
792219	SECURITHERM therm sh mix rec 30sec +ROUND waterproof kit 2/2	652.91	122	794110	TEMPOMIX 3 basin mixer F3/8" time flow ~7sec H170mm	287.48	51
79230015	SECURITHERM thermostatic alu sh panel top inlets Ø15 ~30sec	916.80	98	794120	TEMPOMIX 3 basin mixer F3/8" time flow ~7sec H250mm	325.83	51
792303	SECURITHERM st steel therm shower panel top inlets ~30sec	999.10	100	794150	*TEMPOMIX 3 bsn mix cr wll 110 ~7s spout L.110 (stock thn 794160)	262.32	-
792303CF	Replaced by 792303	-	-	794150AB	Replaced by 794160	-	-
792303DP	Replaced by 792303	-	-	794150LD	Replaced by 794160	-	-
79230415	*SECURITHERM SS therm shower panel Ø15+soap(stk thn 79230015)	1,071.59	100	794155	Replaced by 794165	-	-
792304CF	Replaced by 792303	-	-	794155AB	Replaced by 794165	-	-
792304DP	Replaced by 792303	-	-	794155LD	Replaced by 794165	-	-
792305	*SECURITHERM alu shower pan.+ soap dish(whl stk thn 79230015)	926.88	98	794160	TEMPOMIX 3 basin F3/8" cross wall 110 ~7 sec +stopcock L.110	276.91	55
792310UK	SECURITHERM therm alu shower panel UK hidden inlets 30 sec	916.80	98	794160AB	Replaced by 794160	-	-
792313	SECURITHERM st steel therm shower panel back inlets ~30sec	999.10	100	794160LD	Replaced by 794160	-	-
792313CF	Replaced by 792313	-	-	794165	TEMPOMIX 3 basin F3/8" cross wall 110 ~7 sec +stopcock L.190	324.99	55
792313DP	Replaced by 792313	-	-	794165AB	Replaced by 794165	-	-
792314	*SECURITHERM SS sh panel back inl.+soapdish(whl stk thn 792313)	1,045.66	100	794165LD	Replaced by 794165	-	-
792314CF	Replaced by 792314	-	-	794200	Recessed TEMPOMIX 3 basin mixer L.110 kit 2/2 (+794BOX3)	317.50	57
792314DP	Replaced by 792314	-	-	794218	Replaced by 790218	-	-
792320	SECURITHERM therm alu panel top inlets ~30sec handset +fixed	1,021.15	99	794219	Replaced by 790219	-	-
792324	*SECURITHERM therm SS shwr panel top inlet (stock thn 79239015)	1,183.43	-	794250	Recessed TEMPOMIX 3 basin mixer L.190 kit 2/2 (+794BOX3)	331.96	57
792330	SECURITHERM therm alu panel rear inlet ~30sec handset +fixed	1,016.65	99	794350	TEMPOMIX 3 basin M1/2" exp mix 7sec c-c 150 swivel spt L.150	369.82	53
792334	*SECURITHERM therm SS pan.handset + fixed(whl stk thn 792344)	1,183.43	101	794360	TEMPOMIX 3 basin M1/2" exp mixer 7sec c-c 150 fixed spt L.150	369.82	53
792340	*SECURITHERM therm sh panel, alu, top inlet (stock thn 79239015)	1,043.93	-	794370	TEMPOMIX 3 basin M1/2" exp mixer ~7 sec c-c 150 short spout	340.24	53
792344	SECURITHERM st steel therm sh panel top inlets + handspray	1,145.07	101	794400	TEMPOMIX 3 shower M3/4" exp mixer ~30 sec c-c 150 top outlet	310.66	121
792344CF	Replaced by 792344	-	-	794450	TEMPOMIX 3 shower kit M3/4" exposed mixer ~30 sec c-c 150	488.71	121

References prefixed by * are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.
794450AB	Replaced by 794450	-	-
794470	TEMPOMIX 3 shower M1/2" exp mixer ~30 sec c-c 150 btm outlet	318.07	121
794BOX1	Replaced by 790BOX	-	-
794BOX3	Recessed waterproof box for TEMPOMIX 3 basin mixer - kit 1/2	325.43	57
794PLAQ	Wall plate for TEMPOMIX 3 recessed shower	109.87	263
79500015	TEMPOMIX basin mixer M1/2" Ø15 ~7sec + stopcocks	281.64	59
79500015CO	TEMPOMIX basins M1/2" mixer ~7sec copper tails Ø 15mm conn +SC	367.80	-
795209	TEMPOMIX c-wall 220 basin mixer kit M3/4" ~7sec time flow	480.53	59
796000	TEMPOMIX wall mtd basin mixer M3/4" ~7 sec with fixed spout	291.82	59
796209	TEMPOMIX c-wall 220 shower mixer kit M3/4" ~30sec + ROUND	510.70	123
796838	*TEMPOMIX wall mtd bsn mix ~7s fix spout+ang unions (stck thn 796000)	352.82	-
798152	TEMPOMIX wall mounted basin mixer M3/4" ~7sec swivel spout	304.80	59
803815.2P	M¾" connection Ø 15mm for compression fittings (2 pieces)	10.00	43/45
806794	Union M1/2" F3/4" for flexible with TEMPOMIX 3 shower	12.43	-
807792	Removable push-fit rapid STOP connector FM1/2" for sh panel	74.20	137
808012	Male to Female connector F3/8" M1/2"	7.39	27
811611.2P	2 × Copper tails M11 × 1 L365mm	62.16	-
813815	FM¾" connection Ø 15mm for compression fittings	7.00	45/238
820122N	Push-fit union F22/100 for BIOFIL tap filter	42.64	141
820123	Push-fit union M1/2" for BIOFIL tap filter	42.64	141
820124N	Push-fit union M24/100 for BIOFIL tap filter	42.64	141
820125	Push-fit union M24×125 for BIOFIL tap filter	42.64	141
820126N	Push-fit union M16.5×100 for BIOFIL tap filter	42.64	141
821122	Anti-vandal union F22/100 for BIOFIL tap filter	49.77	141
821123	Anti-vandal union M1/2" for BIOFIL tap filter	49.77	141
821124	Anti-vandal union M24/100 for BIOFIL tap filter	49.77	141
821125	Anti-vandal union M24/125 for BIOFIL tap filter	49.77	141
822115	Extension union MF1/2" L100 Ø24 chromed for wall mtd taps	27.53	69
822516	Extension union MF1/2" L50 Ø26 chromed for wall mounted taps	20.65	69
822741	Chrome-plated extension L. 50mm for wall-mounted TEMPOSOF	72.32	61
824800	Reinforced plate Ø80 4 screws wall mtd TEMPOMIX, TEMPOSOF	33.21	59/129
825015	Inline stopcock union nickel plated MF1/2" L35	16.06	136
825215	Inline stopcock union MF1/2" L70 retractable straight nut	36.71	136
826315	Back-nut F1/2" 4mm thick with 3 screws and washer	10.78	239
827032	Inlet socket union for squat WC Ø28/32	39.86	-
836015	Elbow wall union with stopcock MF1/2" L30 H30	51.63	136
836020	Elbow wall union with stopcock M1/2" F3/4" L30 H30	49.96	59/136
836215	Elbow wall union with stopcock MF1/2" L20 H30	51.63	136
838015	Elbow wall union MF1/2" L30 H27	37.86	136
838020	Elbow wall union M1/2" F3/4" L30 H29	40.15	136
841215	Reinforced exposed connection MF½" with CB nut Ø 51mm	50.60	43
841315	Chromed backplate elbow MF1/2"with stud nut Ø14	40.19	69
855755.2P	2 × STOP/CHECK unions M1/2"-M3/4", offset 12mm	60.81	-
855755UK.2P	2 × STOP/CHECK unions M1/2"-M3/4" inline	72.28	136
856794.2P	2 × S union M1/2" M3/4" with cover plate, offset 11mm	33.37	136
868121	Wall mounted elbow outlet MM1/2" H33 for shower	45.12	137
874220.2P	2 × Elbow union FF3/4" with captive nut	74.57	136
88CH5	Ceiling mtd shower head F1/2" chromed brass 5 rings	39.76	135
900015	Non return valve DW15	6.40	265
900020	Non return valve DW20	12.93	265
9102	Wall mounted safety eye wash with bowl	470.27	254
9108	Horizontal safety wall mounted shower	230.66	254
9120C	Wall-mounted single spray eye wash + identification sign	199.05	255
9121	Wall-mounted dual spray eye wash + identification sign	227.49	255
9140C	Deck-mounted single spray eye wash + identification sign	246.41	255

REF.	DESCRIPTION	£ (Excl. VAT)	P.
9141	Deck-mounted dual spray eye wash + identification sign	281.91	255
91AA75	Safety aerator covers for eye wash	9.30	255
9201	Safety free standing eye wash with bowl	761.89	254
9203	Safety free standing eye wash and shower combination	1,119.28	253
922016.2P	2 × Flow straightener M16.5/100	9.30	265
922022.2P	2 × Eco flow straightener adjustable flow rate F22/100	11.36	74
922024.2P	2 × Eco flow straightener adjustable flow rate M24/100	12.18	74
9225	Safety shower head	64.89	255
923016.2P	2 × BIOSAFE outlets M16.5/100	9.30	74
925616.2P	2 × Scale-resistant aerators M16.5/100	16.10	74
925622.2P	2 × Scale proof aerators F22/100 + eco washer	16.10	265
925624.2P	2 × Scale proof aerators M24/100 + eco washer	16.10	265
925716.2P	2 × ECO aerators 1.4 lpm - M16.5/100	19.46	74
925724.2P	2 × ECO aerators 1.4 lpm - M24/100	13.72	74
927005.5P	5 × Flow-rate regulator 5-6 lpm FM1/2"	73.91	135
927015.5P	5 × Flow-rate regulator 10 lpm FM1/2"	73.91	135
941120	Wall mounted fixed L-shaped spout M1/2" L120 - H60 adj FS	47.48	73
941922	Wall mtd L-shaped spout for panels 1-10mm M1/2" L120 H60 FS	57.43	73
942040	Spout for cross wall 30mm M1/2" L75 flow straightener	73.97	73
942200	Discontinued	-	-
947120	Wall mounted fixed spout M1/2" L110 H16 Ø32 adjustable FS	78.50	73
947135	Wall mtd fixed spout M1/2" L120 H16 Ø32 adj FS + plate Ø60	92.37	73
947151	Fixed spout for walls 165mm M1/2" L120 Ø32 adjustable FS	126.79	73
947157	Fixed spout for walls 165mm M1/2" L170 Ø32 adjustable FS	152.66	73
947170	Wall mounted fixed spout M1/2" L160 H16 Ø32 adjustable FS	100.98	73
967152	Swivel swan neck spout M1/2" L150 H120 adj flow straightener	50.90	73
967202	Swivel swan neck spout M1/2" L200 H200 adj flow straightener	53.65	73
981142	Fixed cast spout M1/2" L140 H120 adj flow straightener	104.30	73
983615	*ECONOMIX standard thermostatic mixer 15/3	218.75	-
983622	*ECONOMIX standard thermostatic mixer 22/3	229.53	-
990123	2 × Lithium batteries 3V type 123A for elect unit 495446BC	22.38	267
990223	Lithium battery 6V type 223 for units 479446, 490446, 492446	25.15	267
993615	*ECONOMIX combi thermostatic mixer 15/3	-	-
993622	*ECONOMIX combi thermostatic mixer 22/3	295.47	-
A22D75	Safety aerator F22/100 for safety hand sprays	20.38	255
A22LY75	Safety aerator F22/100 for eye wash	20.38	255
BA9915	*2 × 15mm Combi angled inlet assembly (while stock)	92.37	-
BJ13V	Flow straightener Ø13 in Hostaform®	1.91	-
C282025	2.5mm Allen key to adjust flow rate on Eco flow straightener	12.57	265
CEL378150V	Detector + L1.50m cable for BINOPTIC, TEMPOMATIC 2	102.11	267
CEL378V	Detector + L0.70m cable for BINOPTIC, TEMPOMATIC 2	79.64	267
CF	*Adjustable nozzle M24×1.25 - 10 lpm (while stock then DP)	12.39	-
DP	Rain effect comfort diffuser, vandal proof, M24×1.25	20.65	135
GR	*Rain effect spray grid M24×1.25 (while stk then DP)	27.05	-
GR7V	Grid renovation for head 64...	9.24	-
H9634	SECURITHERM thermostatic sequential shower panel back inlets	717.77	103
H9635	SECURITHERM therm seq shower panel back inlets + handset	840.81	103
H9636	SECURITHERM sequential shower panel flexi inlets w. handset	840.81	103
H963615	SECURITHERM sequential shower panel copper inlets w. handset	854.49	103
H9639	SECURITHERM sequential therm shower panel flexible inlets	717.77	103
H963915	SECURITHERM sequential therm shower panel copper inlets Ø15	731.45	103
KB7007	*BINECO kit for basin/urinal ~7sec time flow(whl stock)	22.05	-
KB7015	*BINECO kit for basin 15sec time flow(whl stock)	22.05	-
KB7025	*BINECO kit for shower ~25sec time flow(whl stock)	22.05	-
KBP311N	BINECO maintenance kit for shower starter and fountain 83-84	13.22	265

References prefixed by * are available while stocks last. References are listed in ascending alphanumerical order.

Unless otherwise agreed in writing these conditions constitute the only conditions upon which DELABIE UK Ltd. ("The Company") is willing to supply the goods specified.

The Company does not sell directly to members of the public:

- The price list is provided for guidance only and does not constitute a contract. The wholesalers and installers are free to determine their prices in accordance with current regulations, taking into account their costs, services and warranty costs they bear.
- The Terms and Conditions are valid for all wholesale customers.

For all other professionals (manufacturers, export, etc.) or for any special manufacturing request, please contact us.

ORDERS AND QUOTATIONS:

These will be processed in order of receipt. We do not accept open orders or orders for call-off.

All orders sent imply acceptance of our general terms and conditions of sale and customers waive any claims that may arise from clauses in their own documentation which may differ.

The customer agrees to these terms from the moment that we receive the order, which cannot be cancelled. Orders are accepted without obligation to deliver the order in full in one delivery.

Our commercial representatives are not authorised to agree additional terms verbally, or to provide verbal guarantees beyond those provided in the written contract.

In the event of default or delayed payment, the Company will be entitled to suspend deliveries or cancel existing orders without any claim for damages from the customer.

In the event of a change in circumstances of the buyer, we reserve the right to cancel existing orders or to demand payment guarantees.

Our quotes do not amount to specifications; specifiers and professional installers are solely responsible for the choice of products according to their intended use, current regulations and recommended guidelines.

PRICE:

Deliveries are invoiced according to the conditions in place at the date of despatch. Prices are given without guarantee and they may be changed without notice subject to fluctuations in costs, VAT or other taxes, according to the prevailing economic conditions. Price increases will be announced one month prior to their application, and they apply to quotes and orders in hand.

Orders will be despatched free-of-charge for all deliveries within mainland UK, excluding express deliveries.

PAYMENTS:

Unless otherwise stated, prices quoted are ex-works and are exclusive of value added tax. All prices will be subject to any value added tax at the appropriate rate. Payment terms, subject to credit approval and prior agreement, are strictly 30 days from invoice date. According to individual credit conditions and/or insurance requirements The Company reserves the right to request payment in advance of despatch of goods on receipt of order. We do not give discounts for early payment.

The company understands and will exercise its statutory right to claim interest and compensation for debt recovery costs under the Late Payment of Commercial Debts (interest) Act 1998 legislation if invoices are not paid

according to agreed credit terms.

In the case of late payment a cash payment may be required, replacing existing conditions.

We will not accept any set-off, only our assets have a legal value.

DELIVERY TIMES:

Despatch dates are indicative only and we shall not be liable for any delay or failure in carrying out our obligations where the delay or failure to deliver is caused by risks of manufacturing or where the cause is beyond our control. Delivery delay will not give rise to compensation payment or goods rejection.

SHIPPING:

Orders are sent to our distributors. We do not deliver to site. The buyer assumes responsibility for carriage and packing costs for deliveries outside mainland UK. The carrier is solely responsible for their delivery, and in the event of delay, missing items, damage or other dispute, the customer must indicate this via the delivery driver's paperwork (either electronically or in hard copy) AND follow up with written notification sent by recorded delivery within 72 hours. A copy of this letter must be addressed to us.

CLAIMS:

No claim will be allowed where the delay in reporting exceeds 7 days following receipt of the goods.

The whole of the delivery cannot be rejected because of partial damages and shortages.

PROPERTY IN GOODS:

Notwithstanding any agreed terms of sale, the goods shall remain the property of the seller until payment is made in full. The failure to meet a payment deadline may result in the reclamation of these goods. The buyer assumes the risks of loss or damage, regardless of the means of delivery, as described in "DELIVERY TIMES" and "SHIPPING" above, as well as liability for the damage they might cause.

WARRANTY AND RESPONSIBILITY:

Our finished goods delivered after 1st January 2024 are warrantied against any manufacturing defect for a period of 30 years, including electronic controls, excluding other electrical accessories (e.g., hand dryers, etc.) which have a 3-year warranty from the invoice date. This does not apply to products with an expiry date. Spare parts have a one-year warranty.

This warranty is limited to replacement or repair of defective components as determined by our workshops in France but excludes the costs of spoilage, handling and carriage or compensation, whatever they are. We are not responsible for handling charges and the cost of returning products to our workshops.

Disasters or major water damage as a result of manufacturing defects are covered by our product and/or public liability insurance.

To invoke the warranty, the customer must immediately notify us in writing of the defects attributed to the product, specifying the conditions of use in place at the time of their discovery and provide us with all relevant material elements demonstrating the existence and nature of the defect.

Our warranty and responsibility does not include the following:

- installation that does not comply with the technical specification or current recommended guidelines;
- worn parts;
- non-compliance with installation, user and

maintenance guides;

- other factors independent of our products' quality, for example: detergents or abrasive cleaning products, the action of hard water, foreign bodies (e.g., gravel, sand, iron filings, scale, etc.), chemical and electrolytic phenomenon;

- lack of supervision, poor storage or poor maintenance;

- product modifications or actions by the customer, or a third party, without our authorisation using non-DELABIE components and/or consumable items.

- errors, carelessness, negligence or incorrect information from the client;

- products past their expiry date.

The water-tightness of connections, joints and the product housing is the responsibility of the professional responsible for installation, and must be guaranteed by them. Warranty excludes joints, valves, washers and rubber seals. However they would be supplied if the warranty application requires them. Any finishes other than chrome or nickel are also excluded from the warranty.

In the event that the product has been discontinued or manufacturing methods have changed and replacements are not available, similar alternative products will be offered. Replacement under warranty will not extend the duration of the original warranty.

The supplier's civil liability is excluded in all cases listed above. It is limited to compliance with the specifications and can only be initiated if the Customer has previously demonstrated the existence and extent of damage, a fault and the causal link between this fault and the damage.

It is limited to direct material damage, excluding all immaterial or indirect damage such as loss of operation, profit, opportunity, commercial damage, loss of profit.

The supplier's liability, for all causes except bodily injury and gross negligence, is limited to £650,000 per order or contract.

SPARE PARTS:

Spare parts and mechanisms that are essential to ensure the correct operation of our products will be held in stock for 50 years from the date of purchase. They are listed at the back of our catalogues.

RETURNS:

Goods may not be returned to us for credit without our prior written approval obtained by the buyer from the Company and they are received in a good state (determined by our goods inwards department). All transportation costs for returned goods must be paid by the buyer. Goods must be returned to our factory* with good protective packaging.

Deliveries less than a month old will be refunded at the invoiced price. For deliveries older than one month, a deduction will be made for checking, handling and administration costs. A repair and re-stocking fee will apply where appropriate.

Product returns are not permitted in the following circumstances: discontinued products, specially manufactured products, technical or aesthetic evolution of the product since the date of purchase, scratched or damaged products, products purchased more than one year previously, products with an expiry date. If sent to DELABIE, those products outside the scope of returns will be immediately destroyed/recycled, and will not be returned to the customer.

The schedule of standard deductions is as follows:

- return less than 1 month: refund at invoiced price
- return between 1 and 3 months: deduction of 15%
- return between 3 months and 1 year: deduction of 30%
- return after 1 year: no refund possible.
- return without prior agreement: additional deduction of 5% of the value of the goods with a minimum value of £50 excl. VAT.

* DELABIE S.A.S.

18, rue du Maréchal Foch
80130 Friville Escarbotin – FRANCE

CLEANING - MAINTENANCE:

Clean with slightly soapy water only, using a soft cloth or sponge, rinse and dry thoroughly. Do not use abrasive or chlorine-based products (with a hydrochloric acid base), or dyes.

PHOTOGRAPHS AND DRAWINGS:

All photos, drawings or illustrations are for illustrative purposes only, without contractual obligation, and may be subject to change without notice. We reserve the right to modify designs and dimensions without notice and without recourse. This applies to all references, dimensions, information contained in various documents, catalogues, installation guides, price lists and websites, which can be modified or discontinued at any time without notice.

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PERSONAL DATA PROTECTION:

In line with the General Data Protection Regulation (GDPR), DELABIE is doing everything necessary to limit to a bare minimum the collection of personal data, and its conservation and ensure its protection.

DELABIE only uses this data for its own use for purposes of information and commercialisation of its products. It is not, under any circumstances, given to third parties.

The right of access, rectification, removal and opposition to the processing in addition to the limitation and transferability of your data is possible on request to our Data Protection Officer (DPO) at DELABIE via email (dpo@delabie.fr) or recorded delivery with a photocopy of a photo ID to the following address: DELABIE, Henderson House, Hithercroft Road, Wallingford, OX10 9DG.

To improve our services and for training purposes, calls to DELABIE may be recorded. These recordings will not be retained, and will be systematically deleted within a maximum period of 48 hours.

TERRITORIAL EXCLUSIVITY:

Our wholesalers are authorised to sell in the UK and its offshore territories. For all other countries, the Company has entered into exclusive agreements with import and distribution companies.

In this context, our UK customers cannot sell our products outside their national borders unless they have express agreement from us.

JURISDICTION:

These terms of business are governed by English and Welsh law. Acceptance of an order in stock constitutes a contract under English and Welsh law. All disputes arising from the contract in connection with these terms shall be subject to the exclusive jurisdiction of the English Court, even if there is an appeal and there are multiple defendants, and regardless of the delivery location or stipulated payment. The Company may vary these terms of business from time to time by giving you reasonable written notice. All clauses to the contrary will be considered void by the mere fact of having dealt with our company.

AVAILABLE CATALOGUES:

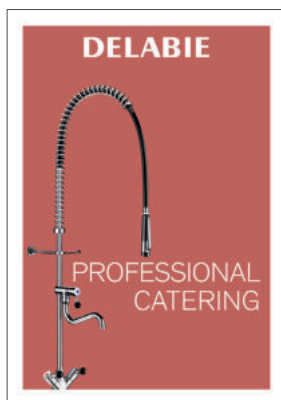
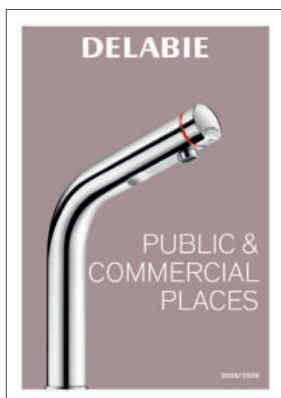
DOC 609UK: Water Controls for Public and Commercial Places

DOC 900UK: Water Controls for Healthcare Facilities and Retirement Homes

DOC 950UK: Accessibility and Independence - Hygienic Accessories for Public and Commercial Places

DOC 750UK: Stainless Steel Sanitary Ware

DOC 200UK: Water Controls for Professional Catering



DELABIE

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UK RECOMMENDED PRICE EXCL. VAT
FROM 01/01/2025 TO 31/12/2025

These prices may be subject to change



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DOC 609UK - 11/2024