

SHOWERS Contents

| | |
|---------------------|--------------|
| Choice Guide | 48/49 |
|---------------------|--------------|

Shower Panels

| | |
|--|--------------|
| <i>General technical characteristics</i> | 50/51 |
| <i>PREMIX and Electronic Aluminium Shower Panels</i> | 52 |
| <i>TEMPOMIX and Mechanical Aluminium Shower Panels</i> | 53 |
| <i>Stainless Steel Shower Panels</i> | 54 |
| <i>Shower Towers</i> | 55 |
| <i>SPORTING Shower Panels</i> | 56/57 |

Shower Kits

| | |
|--------------------------------|--------------|
| <i>Electronic Shower Kits</i> | 58/59 |
| <i>TEMPOMIX Shower Kits</i> | 60/61 |
| <i>TEMPOSTOP Shower Kits</i> | 62/63 |
| <i>TEMPOSOFT 2 Shower Kits</i> | 64/65 |
| <i>Time Flow Shower Kits</i> | 66/67 |

Time Flow Shower Mixers and Valves

| | |
|---|--------------|
| <i>Recessed and Exposed Mixers: TEMPOMIX</i> | 68 |
| <i>Recessed and Exposed Valves: TEMPOSTOP</i> | 68/69 |

Additional Fittings

| | |
|---------------------------------|-----------|
| <i>Scale-proof Shower Heads</i> | 71 |
| <i>Shower Heads with Grids</i> | 72 |
| <i>Floor Traps</i> | 73 |

| | |
|---------------------------|--------------|
| Hard Use Solutions | 74/75 |
|---------------------------|--------------|



Shower Controls



ALUMINIUM PANELS

> DESIGNS for new builds & renovations + WATER SAVINGS (80%) + REDUCED MAINTENANCE

> DESIGNS for new builds & renovations + WATER SAVINGS (80%) + REDUCED MAINTENANCE

STAINLESS STEEL PANELS

Thermostatic Mixers



PREMIX electronic presence detection
ref 792... > p.52



PREMIX time flow push-button
ref 792... > p.52



PREMIX time flow removable shower head
ref 792390 > p.52

Time Flow Mixers



TEMPOMIX time flow mixer
ref 790... > p.53

Mechanical Mixers



Mechanical mixer with bar for shower head
ref 791350 > p.53

Shower Mixers



SPORTING shower panel
Priming system and shower head
ref 714... > p.57

Time Flow Mixers



TEMPOMIX time flow mixers
ref 790... > p.54



TEMPOMIX with shower head
satin or white epoxy st. steel
ref 790501 > p.54

Time Flow Valves



TEMPOSTOP time flow valve
ref 749... > p.54

Mechanical Mixers



Mechanical mixer fixed or flexible shower head
ref 791... > p.54



Shower Towers
1 - 4 shower heads on white epoxy st. steel tower
ref 717... > p.55

RECESSED SHOWER KITS

> VANDAL PROOF + ENDURANCE + WATER SAVINGS (80%) + REDUCED MAINTENANCE

> LIMITED BUDGET + WATER SAVINGS (80%) + REDUCED MAINTENANCE

EXPOSED SHOWER KITS

Time Flow Mixers



TEMPOMIX recessed waterproof box
ref 790... > p.61



TEMPOMIX recessed with wall plate ø195
ref 790912 > p.61



TEMPOMIX cross wall
ref 796... > p.61



TEMPOSTOP recessed waterproof box
ref 749... > p.63



TEMPOSTOP cross wall
ref 749... > p.63



TEMPOSOF 2 recessed
ref 749... > p.65



SPORTING recessed time flow shower heads
ref 714002 > p.67



TEMPOMATIC presence detection
ref 452... > p.58



TEMPOMATIC Reflex for swimming pools, ...
ref 449... > p.58

ROUND
vandal proof
ref 709... > p.71

NEW

Mixers



TEMPOMIX exposed time flow mixers
ref 790006 > p.61



TEMPOSTOP exposed time flow valves
ref 749... > p.63



TEMPOSOF 2 exposed time flow valves
ref 747801 > p.65

Valves



SPORTING exposed priming system and shower head
ref 714000 > p.67



SPORTING ceiling mounted priming system and shower head
ref 713... > p.67



TEMPOSTOP chain-pull time flow valve
ref 747... > p.67



TOKEN TIMER token activated, adjustable time flow
ref 370... > p.59

Timer

RECESSED SHOWER CONTROLS

> VANDAL PROOF + ENDURANCE + WATER SAVINGS (80%) + REDUCED MAINTENANCE

> LIMITED BUDGET + WATER SAVINGS (80%) + REDUCED MAINTENANCE

EXPOSED WATER CONTROLS

Mixers



TEMPOMIX recessed waterproof box
ref 790... > p.68



TEMPOMIX recessed st. steel wall plate ø195 or 160
ref 790... > p.68



TEMPOSTOP recessed waterproof box
ref 749... > p.68



TEMPOSTOP recessed st. steel wall plate ø130 or 160
ref 749... > p.69

Valves



TEMPOSTOP for 2mm panels
ref 749... > p.69



TEMPOSOF 2 recessed st. steel wall plate ø130
ref 749... > p.69

NEW

Mixers



TEMPOMIX exposed time flow mixers
ref 790... > p.68



TEMPOSTOP 3/4" or 1/2" for inline or concealed supply
ref 749... or 747... > p.69



TEMPOSOF 2 1/2" for inline or concealed supply
ref 747800 or 748800 > p.69

NEW

Valves



TEMPOSTOP Safety 75 or 130 lpm
ref 749080 > p.72

SHOWER HEADS

Scale-proof Diffusers 6 lpm



ROUND vandal proof
ref 709... > p.71



TONIC JET vandal proof
ref 712... > p.71



GYM vandal proof
ref 716... > p.71

Rain Effect



GYM COMFORT swivel ø46 or ø68
ref 711... > p.71



TONIC JET GR flow rate set at 6 lpm
ref 712... > p.71



WALL-MOUNTED 5 ring spray
ref 64... > p.72



CEILING-MOUNTED ø30 to ø120
ref 715... > p.72

Mixed Water Supply



PREMIX Comfort group mixing valve for 6 - 40 showers (55 - 190 lpm)
ref 731... > p.83



PREMIX Comfort recessed group mixing valve for 1 - 4 showers (35 lpm)
ref 792... > p.85



PREMIX Compact thermostatic control for 2 - 10 valves
ref 733... > p.85



FLOOR TRAPS adjustable height for tiles or vinyl floors
ref 683... > p.73



SOAP DISHES matt or chrome-plated ABS
ref 710... > p.53

NEW



TEMPOMATIC 4-way Multifunction box
ref 441452, ... > p.75

THESE PRODUCTS WILL WITHSTAND THERMAL AND CHEMICAL SHOCKS subject to compliance with current protocols.

THESE PRODUCTS WILL WITHSTAND THERMAL AND CHEMICAL SHOCKS subject to compliance with current protocols.

DELABIE shower panels remove the need for recessed controls and they comply with anti-vandalism requirements in public places, while ensuring user comfort. While maintaining user, they also cover traces of previous installations.

Description

Pre-assembled stainless steel (AISI 304) or anodised aluminium panel, fitted with an automatic shut-off shower mixer or shower valve and a vandal-proof fixed shower head with an integrated scale-proof nozzle. Angle of spray can be adjusted and locked by the installer.

- Shut-off delay ~30 sec.
- Automatic flow-rate regulator 6 lpm.
- Water supply from the top, bottom, or hidden behind the panel.
- Supplied with pre-installed stainless steel flexible connectors, filters and stop cocks.

Resistant to vandalism

- Stainless steel or anodised aluminium range with chrome-plated brass shower head, hidden tamperproof fixings, and top and bottom caps to ensure installation is vandal proof.
- Valve and shower head cannot be removed by the user.

Reliable

- Scale-proof and corrosion proof mechanism. Automatic shut-off system with self-cleaning calibrated groove.
- Endurance: will operate for more than 500,000 cycles.
- 10 year warranty.

Uses

Stadium facilities, boarding schools, swimming pools, barracks, factories, etc.



Water savings of up to 85%

Automatic closure and flow rates restricted to 6 lpm.

Compared to classic mixers and taps, DELABIE's electronic mixers and taps optimise water bills in the following ways:

- 1• **Automatic shut-off, timed for 30 seconds:**
 - the flow time is reduced to a minimum i.e. wetting and rinsing.
 - automatic closure removes the risk of waste if the user forgets to turn off the mixer or tap.
 - 2• **Constant flow rate set at 6 lpm whatever the water pressure,** thanks to a **flow rate regulator integrated in the scale-proof shower head:**
 - Provides maximum user comfort, while optimising the water bill.
 - The flow rate is set at 6 lpm regardless of variations in pressure.
- Fitted with a scale-proof nozzle, the jet retains its shape without the need for maintenance.

The water savings created enable the following:

- **energy savings:** the amount of water saved does not require heating.
- **equipment savings:** lower flow rate and consumption mean that lower capacity pipework and water heating systems can be installed.

Comparison of water consumption in commercial applications: classic shower / time flow X / DELABIE time flow 6 lpm.

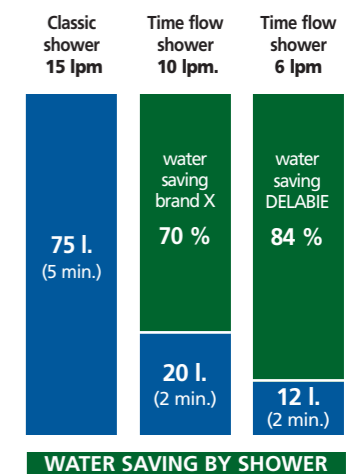
Compared to classic showers (15 lpm without automatic shut-off), DELABIE's showers (6 lpm timed for 30 seconds) generate a water saving of 84%.

Compared to competitors' time flow showers (10 lpm), DELABIE's showers generate a water saving of 40%.

| Classic shower: 75 litres (5 min. at 15 lpm) | | |
|---|--------------------------------|------------------------|
| Wetting 1 min. | Soaping & Shampooing 2 min. | Rinsing 2 min. |
| Time flow shower: 12 litres (2 min. at 6 lpm) | | |
| Wetting 2 x 30 sec. | Automatic timed shut-off | Rinsing 2 x 30 sec. |



Shower nozzle with flow rate set at 6 lpm



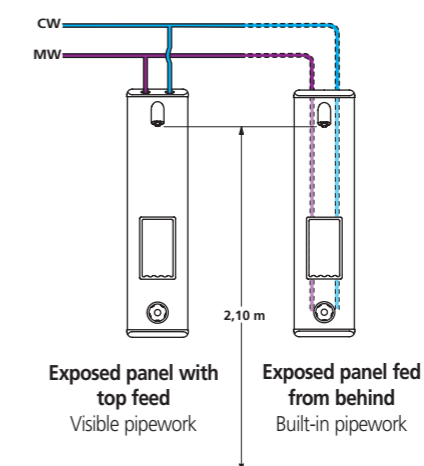
Installation and maintenance

Installation

- Pre-assembled: quick to install.
- Fed by cold water and hot water ~50°C or pre-mixed water (see PREMIX page 81) TEMPOMIX panels, and in pre-mixed water for SPORTING panels. PREMIX panels can be supplied directly with hot water and cold water.
- Recommended pressure: **1 - 5 bar**. Restrict the pressure for user comfort.
- Balance the CW and HW pressure ($\Delta P < 1$ bar).
- If necessary protect the installation with strainers and pressure reducers.
- Base flow rate for calculating the pipework: 0.10 lps (the automatic flow rate regulator ensures a constant flow rate of 0.10 lps.)

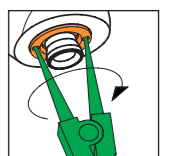
Safety

- Maximum temperature limiter can be set by the installer (on the Tempomix model) or anti-scalding safety (on the Premix model).
- Integrated non-return valves and filters.



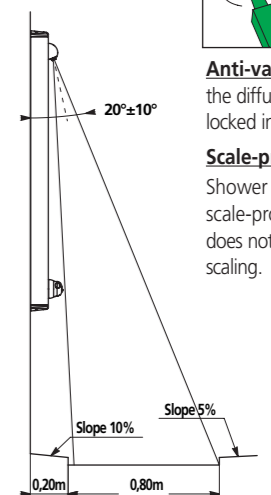
Easy maintenance

Interchangeable mechanisms without removing the panel.



Anti-vandalism: the diffuser can be locked in position

Scale-proof: Shower head with scale-proof **diffuser** does not require de-scaling.



Installation advice:

We recommend recessed shower trays or Italian style drainage with a good slope for water capture.



PREMIX Shower Panels

PREMIX Time Flow Shower Panels

for wall-mounted, exposed installations.
Anodised aluminium shower panel with hidden fixing, featuring:

- **PREMIX single thermostatic valve.**
- Time flow valve ~25 seconds.
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator at 6 lpm.
- M1/2" connections, with integrated stopcocks, filters and non-return valves.

- **with top inlets** (incorporating stopcocks)

| | |
|--|-----------------|
| M1/2", with matt chrome-plated soap dish | 792305 |
| M1/2", without soap dish | 792300 |
| 15mm for compression fittings, without soap dish | 79230015 |
- **with back inlets** (without stopcocks)

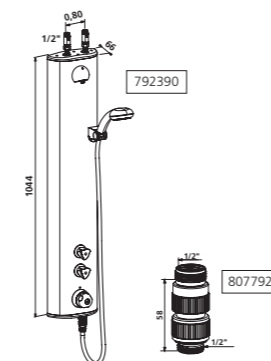
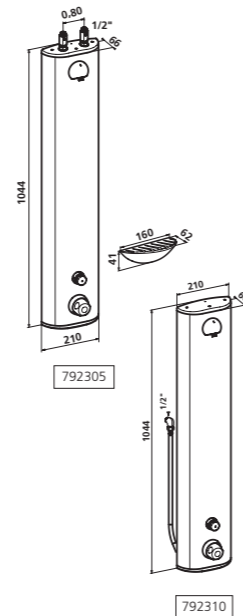
| | |
|--------------------------|---------------|
| M1/2", without soap dish | 792310 |
|--------------------------|---------------|

Operation:

- Press on the push-button to operate. Automatic timed shut-off.
- Temperature control on the thermostatic valve.

Advantages:

- Comfort: constant temperatures and precise temperature control.
- Anti-scalding safety: immediate HW shut-off in case of CW supply failure.
- 84% water savings: automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.



PREMIX Shower Panels with flexible handset

for wall-mounted, exposed installations with top inlets with stopcocks, filters and non-return valves.
Anodised aluminium shower panel with hidden fixing, featuring:

- fixed shower head and flexible hand set. The flexible can be quickly unclipped and a wall support is supplied.
- Vandal proof, fixed, chrome-plated ROUND shower head.
- Valve does not feature automatic shut-off.

- | | |
|---|-----------------|
| M1/2" | 792390 |
| 15mm for compression fittings | 79239015 |
| Union for removable flexible handset | 807792 |
| FM1/2", chrome-plated L.58 (supplied with panel 792390) | |

> We recommend installing a floor trap (see page 73).

PREMIX Electronic Shower Panels

battery-operated by 6V Lithium batteries, for exposed surface mounting.
Anodised aluminium shower panel with hidden fixing, featuring:

- **PREMIX single thermostatic valve.**
- Infrared sensor detects user presence, powered by a 6V Lithium battery.
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator set at 6 lpm.
- M1/2" connections with integrated filters and non-return valves.

- **with top inlets** (incorporating stopcocks)

| | |
|-------------------------------|-----------------|
| M1/2" | 792400 |
| 15mm for compression fittings | 79240015 |
- **with back inlets** (without stopcocks)

| | |
|-------|---------------|
| M1/2" | 792410 |
|-------|---------------|

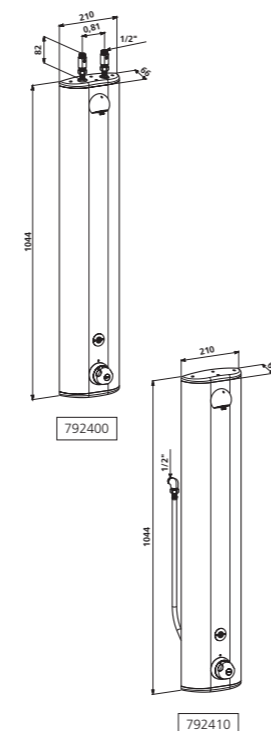
Operation: Activates when user presence is detected.

- Valve opens when a hand is detected within 4cm of the sensor.
- The valve closes voluntarily (when the hand is detected for a second time) or automatically (after 1 minute = safety shut-off).
- Temperature control on the thermostatic valve.

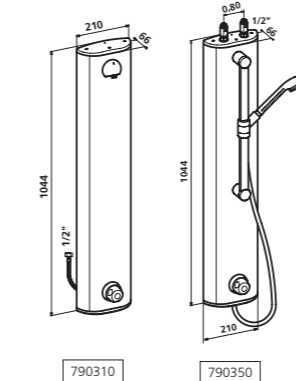
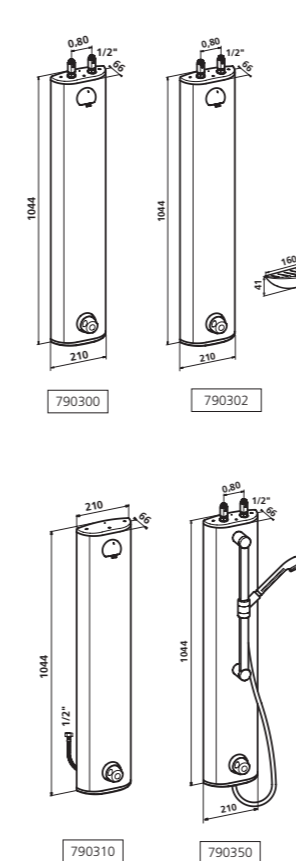
Advantages:

- **Anti-Legionella:** HW supply > 50°C up to the panel and duty flush programmed every 24 hours after the last use. (Duty flush for 1 minute prevents water stagnation and the development of bacteria in the pipework = risk prevention).
- Anti-scalding safety: immediate HW shut-off in case of CW supply failure.
- Comfort: constant temperatures and precise temperature control.
- 84% water savings: automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.

> We recommend installing a floor trap (see page 73) and soap dish (see p. 53).



PREMIX Electronic Shower Panels



TEMPOMIX Shower Panels

for wall-mounted, exposed installations.
Anodised aluminium shower panel with hidden fixing, featuring:

- **PREMIX single thermostatic valve.**
- Time flow valve ~30 seconds.
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator at 6 lpm.
- M1/2" connections, with integrated stopcocks, filters and non-return valves.

- **with top inlets** (incorporating stopcocks)

| | |
|---|-----------------|
| M1/2" aluminium finish with soap dish 710500 | 790305 |
| M1/2" aluminium finish without soap dish | 790300 |
| 15mm for compression fittings, aluminium finish | 79030015 |
| M1/2" white epoxy finish with soap dish 710501 | 790302 |
| M1/2" white epoxy finish without soap dish | 790301 |
| 15mm for compression fittings white epoxy | 79030115 |
- **with back inlets** (without stopcocks)

| | |
|--|---------------|
| M1/2" aluminium finish without soap dish | 790310 |
|--|---------------|
- **with handset on a chrome-plated bar** top inlet supply (with stopcocks)

| | |
|---|-----------------|
| M1/2" aluminium finish without soap dish | 790350 |
| 15mm for compression fittings, aluminium finish | 79035015 |

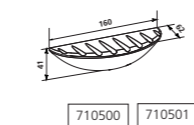
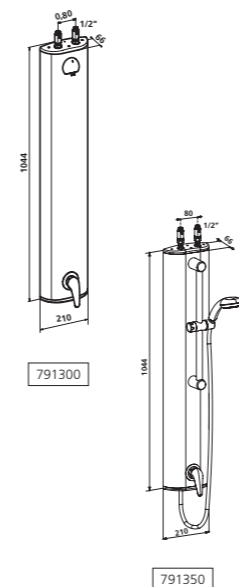
Operation:

- Press on the push-button to operate. Automatic timed shut-off.
- Temperature control via the push-button control.

Advantages:

- Comfort: adjustable, maximum temperature limiter.
- 84% water savings: automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.

For further information regarding: TEMPOMIX mixer see p.60; shower heads p.71.
We recommend installing a PREMIX thermostatic mixing valve for mixed water supply (see p.83) and a floor trap for drainage (see p.73).



Shower Panels with Mechanical Mixer

for wall-mounted, exposed installations.
Anodised aluminium shower panel with hidden fixing and top inlets with inline stopcocks.

- **M1/2", scale-proof shower head 6 lpm** **791300**
 - **15mm for CF*, scale-proof shower head 6 lpm** **79130015**
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator at set 6 lpm.
- **M1/2" with sliding hand set on a bar** **791350**
Sliding hand set on a chrome-plated bar.

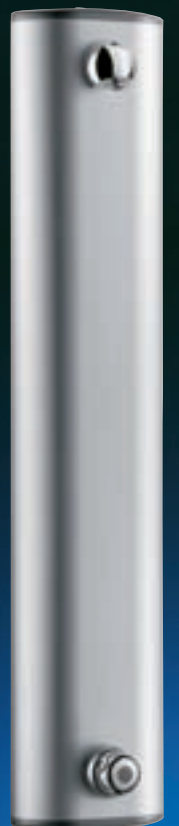
> We recommend installing a PREMIX thermostatic mixing valve for mixed water supply (see p.83) and a floor trap for drainage (see p.73).

* CF - compression fittings

Wall-mounted Soap Dishes

for public and commercial places: hidden fixings.

- | | |
|--------------------------|---------------|
| matt chrome-plated ABS | 710500 |
| bright chrome-plated ABS | 710501 |



TEMPOMIX Shower Panels



with Mechanical Mixer



Soap Dishes



TEMPOMIX Stainless Steel Panels

TEMPOMIX Shower Panels

for wall-mounted, exposed installations.

Stainless steel shower panels, ready to install, featuring:

- TEMPOMIX mixer timed flow ~30 seconds.
- Vandal proof, fixed shower head with scale-proof nozzle and automatic flow rate regulator set at 6 lpm.
- M1/2" connections and non-return valves.
- Soap dish, stopcocks and filters.

• with top inlets

| | |
|---|--------|
| white epoxy finish with soap dish | 790201 |
| satin stainless steel finish with soap dish | 790200 |
| white epoxy finish without soap dish | 790101 |
| satin stainless steel finish with soap dish | 790100 |

• with back inlets (flexible connectors without stopcocks), no soap dish

| | |
|------------------------------|--------|
| white epoxy finish | 790111 |
| satin stainless steel finish | 790110 |

Wall-mounted Soap Dishes

for public and commercial places: hidden fixings.

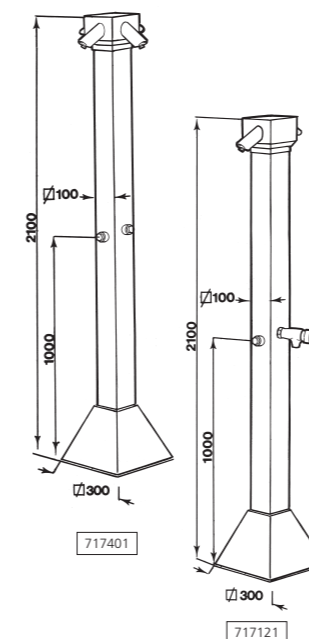
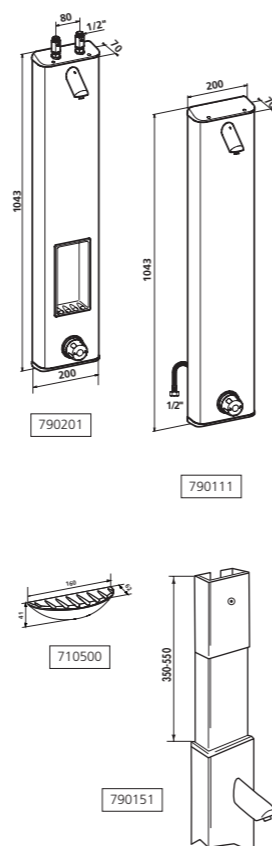
- Matt, chrome-plated ABS 710500
- Bright, chrome-plated ABS 710501

Telescopic Sheath to protect the pipes between the top of the TEMPOMIX/TEMPOSTOP panel and the ceiling.

Width 150mm. Adjustable height 350/550 mm

- white epoxy finish 790151
- satin stainless steel finish 790150

For further information regarding: TEMPOMIX mixer p.58; shower heads p.71. We recommend installing a PREMIX thermostatic mixing valve for MW supply p.83 and a floor trap for drainage p.73.



Shower Towers

free standing, ready to install.

White epoxy coated stainless steel structure (AISI 304).

- Operate by pressing on the push-button, time flow ~15 seconds.
- Vandal proof, fixed shower head with scale-proof nozzle, with adjustable angle of spray.
- Automatic flow rate regulator set at 6 lpm.
- Bib tap time flow ~15 seconds.

| | |
|---------------------------|--------|
| • 1 shower | 717101 |
| • 1 shower and 1 bib tap | 717111 |
| • 2 showers and 1 bib tap | 717121 |
| • 4 showers | 717401 |

Other combinations available on request.

Description

Free-standing shower column in white epoxy coated stainless steel AISI 304. Push-button control with automatic timed shut-off delay ~15 seconds.

Available with 1-4 vandal proof fixed shower heads, scale-proof nozzle with adjustable angle of spray.

Automatic flow rate regulator set at 6 lpm.

Vandal proof

20/10 stainless steel frame. Reinforced fixing to the floor, with vandal proof protective skirt. Shower heads and control mechanisms in chrome-plated solid brass, cannot be removed by the user.

Water and Energy Savings

Flow rate set at 6 lpm and automatic time flow 15 seconds. Pre-assembled tower saves time at installation. Easily dismantled for storage over winter.

Limited Maintenance

The mechanisms can be replaced without dismantling the tower. The shower head nozzles do not require cleaning or de-scaling unlike shower heads with grids.

Installation (instructions available on request)

- Reinforced fixing to the floor via stainless steel bolts and metal rawl plug to anchor into a concrete base. It is possible to dismantle the tower for storage over winter.
- Bottom inlet supply with cold or mixed water, by F3/4" flexible hose from the centre of the base.
- We recommend installing a filter and stopcock upstream.
- For water drainage see DELABIE floor traps (see page 73).
- Recommended pressure: **1 - 5 bar**. Regulate the pressure for user comfort.
- Recommended flow rate for sizing the water supply pipe is 10 l/sec. (multiplied by the number of shower heads). Water pressure variations do not have a significant impact on the flow rate due to the flow rate regulators in the shower heads.

Uses

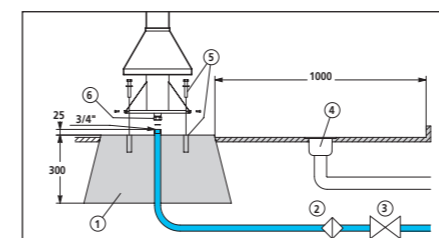
Swimming pools, beaches, service stations etc.

Maintenance (instructions available on request)

Cartridge mechanisms can easily be replaced without dismantling the tower.

Fixing and supply

1. Concrete base
2. Filter
3. Stopcock
4. Waste pipe
5. Stainless steel bolts and rawl plugs for fixing
6. 3/4" flexible connector



TEMPOSTOP Stainless Steel Panels

TEMPOSTOP Shower Panels

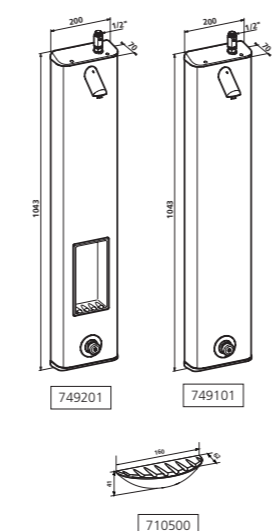
for wall-mounted, exposed installations with top inlet.

Stainless steel panel features:

- Time flow valve ~30 seconds.
- Vandal proof, fixed shower head with scale-proof nozzle 6 lpm.
- M1/2", with stopcock and filter.

| | |
|---|--------|
| • white epoxy finish with soap dish | 749201 |
| • satin stainless steel finish with soap dish | 749200 |
| • white epoxy finish without soap dish | 749101 |
| • satin stainless steel finish with soap dish | 749100 |

For further information see: valve p.62; shower heads p.71; and soap dish p.53. Available on request: - versions with back inlets or bottom inlets. - other RAL colours



Specific Shower Panels

Shower Panels with Mixers

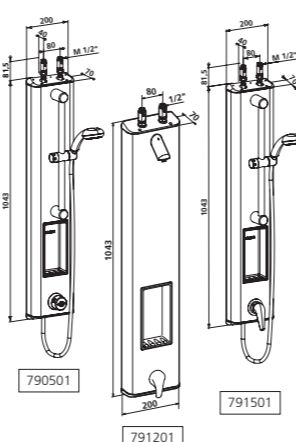
for wall-mounted, exposed installations with top inlets M1/2".

Stainless steel panels featuring:

- Soap dish, stopcocks, filters, non-return valves.
- White epoxy finish.

- with TEMPOMIX time flow mixer 790501
Chrome-plated bar and flexible hand set.
- with mechanical mixer not time flow 791501
Chrome-plated bar and flexible hand set.
- with mechanical mixer not time flow 791201
Vandal proof fixed shower head with scale-proof diffuser 6 lpm.

For further information regarding TEMPOMIX page 60. Available on request: satin stainless steel finish or other RAL colours. We recommend installing a PTREMIX to provide mixed water (see page 83).



Description

Shower panel in anodised aluminium with satin chrome finish, solid brass fixed shower head and **scale-proof nozzle set at 6 lpm.**

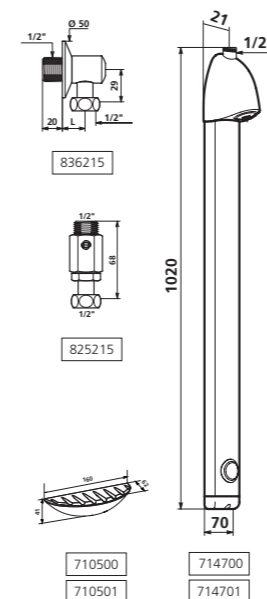
- Time flow ~30 seconds (+5/-10) with self-cleaning system.
- Spray angle can be adjusted and locked in place by the installer.
- Automatic flow rate regulator set at 6 lpm.
- Mixed water supply via top inlet.
- Available in anodised aluminium or white epoxy finishes.
- Supplied with a non-return valve and filter.
- 10 year warranty.

Advantages

- **Vandal proof and durability**
- **Water savings: 84%**
compared to a classic shower 15 lpm.
- **User comfort:** easy to operate due to decompression system.

Uses

Stadia, swimming pools, leisure centres, boarding schools, barracks etc.



SPORTING Shower Panels

Aluminium shower panel with top inlet, featuring:

- Vandal proof, fixed shower head with scale-proof nozzle incorporating an automatic flow rate regulator set at 6 lpm, and a timing mechanism (30 seconds).
- Push-button starter, non-return valve and filter.
- M1/2" connection for mixed water supply.

- anodised aluminium and satin chrome finish **714700**
- white epoxy finish **714701**

Wall-mounted soap dish for public and commercial places: invisible fixings.

- matt chrome-plated ABS **710500**
- bright chrome-plated ABS **710501**

Stopcock union for water inlets:

- MF1/2", angled L.21 H.29 (concealed inlets) **836215**
- MF1/2", inline H.68 (exposed inlets) **825215**
- 15mm for comp. fittings* inline H.68 (exposed inlets) **825216**

* comp. fittings - compression fittings

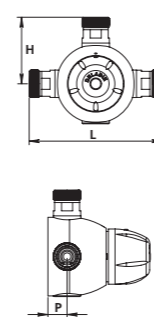
Option :

Spray grid

to replace the scale-proof nozzle add "GR" to the end of the reference (E.g.: 714700GR, see page 72).



> We recommend installing a PREMIX thermostatic mixing valve for MW supply (see p.83) and a floor trap for drainage (see p.73).



PREMIX® type 55, 90, 140 and 190

PREMIX® Comfort

Group thermostatic mixing valve to supply mixed water for 6 - 40 Sporting shower panels adjustable from 30 - 42°C. Anti-scalding safety and adjustable maximum temperature limiter. Thermal shocks are possible without by-passing the mixer.

- 55 lpm M3/4" L..118 x H.60 > 6 showers **731002**
- 90 lpm M1" L..160 x H.80 > 11 showers **731003**
- 140 lpm M1" 1/4 L..178 x H.88 > 25 showers **731004**
- 190 lpm M1" 1/2 L..196 x H.98 > 40 showers **731005**

NB: Flow rate at 3 bar of pressure drop.

Number of showers is indicative only (see coefficient of simultaneity).

For further information and other sizes see page 83.

Floor Traps with adjustable height

with stainless steel grid, fixed by 2 stainless steel screws:

- Water level 50mm and flow rate 0.6 l/sec. (EN 1253).
- PVC body. Adjustable height plate. Vertical outlet Ø 40.

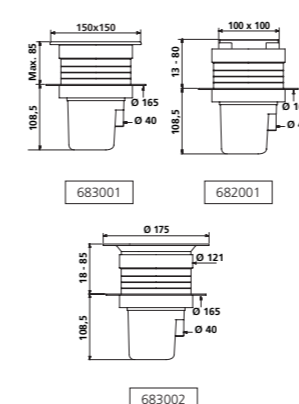
> for tiled or concrete floors

- 150x150, polished stainless steel plate/grid height adjustable up to 85mm (with extension) **683001**
- 100x100, polished stainless steel plate/grid height adjustable up to 80mm (with extension) **682001**

> for vinyl floors

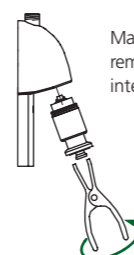
- Ø 115, polished stainless steel plate/grid height adjustable up to 85mm (with extension). **683002**

> For further information see page 73.



Maintenance (instructions available on request)

- Time flow mechanism integrated in the shower head and can be accessed without removing the shower panel.
- Shower head with **scale-proof nozzle** does not require de-scaling or maintenance.



Maintenance without removing the shower panel: interchangeable cartridge.

Operation

- Operates by lightly pressing on the push-button.
- Automatic shut-off delay 30 seconds.
- Fixed shower head with adjustable spray angle (can be locked in place).

Vandal proof

Specifically designed for intensive use in public and commercial places.

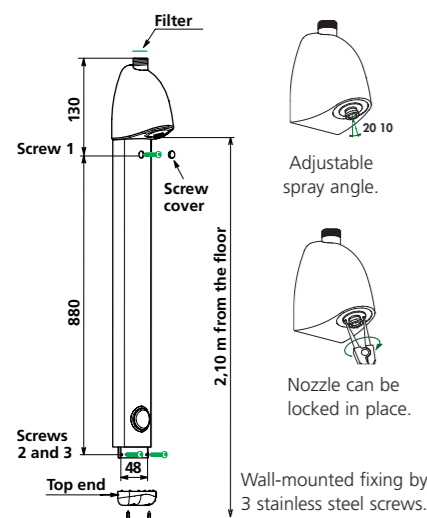
- Vandal proof, slimline structure with hidden fixings.
- Push-button and shower head cannot be removed by the user.

Reliability

- Foolproof mechanism. Made from scale and corrosion proof materials. Hydraulic timing system with self-cleaning calibrated groove.
- Endurance: more than 500,000 operations.

Installation (instructions available on request)

- Delivered ready assembled, saving installation time.
- Mixed water supply via top inlets (see PREMIX page 83)
- If necessary, protect the installation with filters and pressure reducers.
- Flush the pipework before connection.
- Recommended pressure: **0.8 - 5 bar.**
- Install the shower tray 15cm from the wall.



SPORTING Panel



PREMIX® Comfort



Floor Traps



TEMPOMATIC REFLEX SHOWERS

TEMPOMATIC REFLEX SHOWERS

- with concealed detector 449620

Infrared electronic barrier for shower corridors or hygienic foot baths, featuring:

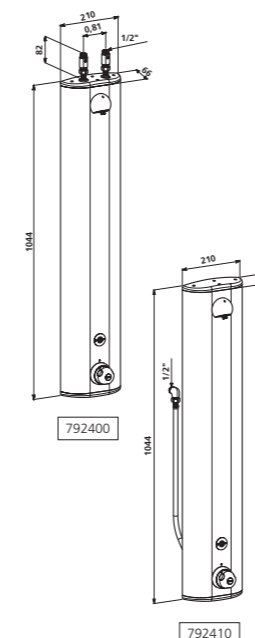
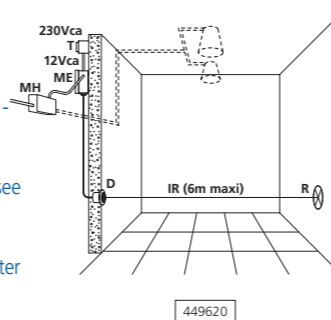
- Recessed lateral detector (D) with reflector (R) for the detection barrier (detection distance 6m maximum).
- Electronic unit (ME) with 3/4" solenoid valve (MH) and stopcock, M3/4".
- 230/12V transformer (T).

Add shower heads to complete (see pages 71-72).

Operation:

When the user cuts the infrared barrier, the solenoid valve opens for 10 - 60 seconds depending on the time flow pre-set. The cycle will restart when a second user cuts the barrier, even if the water is flowing. TEMPOMATIC REFLEX can supply 1 - 5 ceiling-mounted shower heads (see pages 71-72).

Anti-Legionella: automatic duty flush for 45 seconds every 24 hours after the last use to avoid water stagnation and the proliferation of bacteria in the pipework.



PREMIX Electronic Shower Panels

battery-operated by 6V Lithium battery, for exposed wall mounting.

Anodised aluminium panel with hidden fixings, featuring:

- **PREMIX single thermostatic valve.**
- Infrared sensor detects user presence, powered by 6V Lithium battery.
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator set at 6 lpm.
- M1/2" connections with integrated filters and non-return valves.

- with top inlets 792400

stopcocks fitted to the inlets

- with back inlets 792410

flexibles do not have stopcocks fitted.

Operation: Activates when user presence is detected.

- Valve opens when a hand is detected within 4cm of the sensor.
- The valve closes **voluntarily** (when the hand is detected for a second time) or **automatically** (after 1 minute = safety shut-off).
- Temperature control on the thermostatic valve.

Advantages:

- **Anti-Legionella:** HW supply > 50°C up to the panel and duty flush programmed every 24 hours after the last use. (Duty flush for 1 minute prevents water stagnation and the development of bacteria in the pipework = risk prevention).
- Anti-scalding safety: immediate HW shut-off in case of CW supply failure.
- Comfort: constant temperatures and precise temperature control.
- 84% water savings: automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.

We recommend installing a floor trap for drainage (see page 73).



PREMIX Electronic Shower Panels

TEMPOMATIC Individual Electronic Showers

activates by presence detection, featuring:

- Presence detector.
- Electronic unit with 1/2" solenoid valve, M1/2".
- 230/12V transformer.
- Time flow adjustable from 30-60 seconds.

Add shower head to complete (see pages 71-72).

- with cross wall detector for 150 mm* partitions 452150

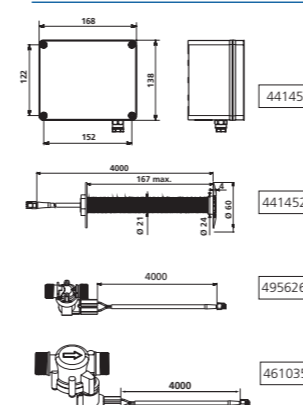
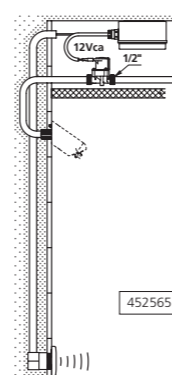
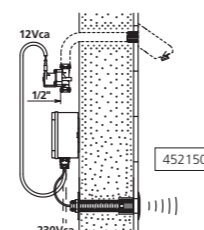
- with recessed detector 452565

*Other lengths available on request.

Choice of Operating Modes:

- **automatic activation** when user is detected at 60cm (automatic shut off 2 seconds after the user departs).
- **voluntary activation** by passing a hand in front of the sensor ~10cm.

Anti-Legionella: automatic duty flush for 45 seconds every 24 hours after the last use to avoid water stagnation and the proliferation of bacteria in the pipework.



TEMPOMATIC Multi-function for 4 Points-of-use to supply 4 independent valves simultaneously

- **Electronic control unit 230/12V** 441452

to connect 4 solenoid valves and cross wall controls.

- **Cross wall control with 4m cable** 441452TCP

for through-the-wall mounting up to 165mm, with push-button control in a chrome-plated wall plate Ø24/60 4m cable with connector

- **1/2" solenoid valve with 4m cable** 495626CEB

for washbasin, shower or urinal

- **1" solenoid valve with 4m cable** 461035CEB

for WC flush.

For further information see pages 74-75.



TEMPOMATIC Multi-function



TEMPOMATIC Individual Showers



FLOOR TRAPS

Floor Traps with Adjustable Height

with stainless steel grid, fixed by 2 stainless steel screws
- Water level 50mm and flow rate 0.6 lps (EN 1253).
- PVC body. Adjustable height plate. Vertical outlet Ø 40

> for tiled or concrete floors

- **150x150, polished stainless steel plate/grid** 683001

height adjustable up to 85mm (with extension)

- **100x100, polished stainless steel plate/grid** 682001

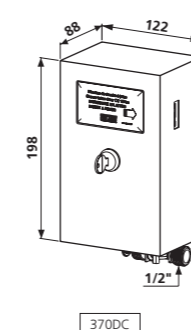
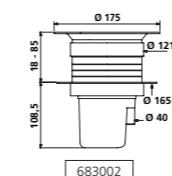
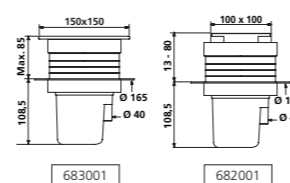
height adjustable up to 80mm (with extension)

> for vinyl floors

- **Ø 115, polished stainless steel plate/grid** 683002

height adjustable up to 85mm (with extension)

> For further information see page 73.



TOKEN TIMERS

with adjustable timing from 1 - 10 minutes.

Solenoid valve opens when a token is inserted. Cover can be locked. Tokens and transformer are not included (see below).

- with solenoid valve attached (1/2" 12V) 370DC

- **100 tokens Ø 24 double groove** 371100

Pack of 100 tokens for timer with adjustable delay (for use with older models with timing from 5 - 10 minutes.)

We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).

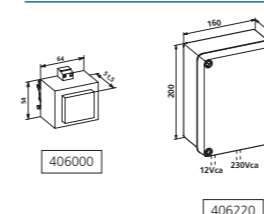
Transformers 230/12V

for TOKEN TIMER

- **Transformer only (without box)** 406000

complying with DIN wire

- **Transformer with grey PVC waterproof wall box** 406220 (200x160x93) with bipolar switch.



TOKEN TIMERS



Transformers



Description

TEMPOMIX single control mixer shower kit with automatic timed shut-off and vandal proof, fixed shower head with scale-proof nozzle and flow rate set at 6 lpm (at 3 bar).

- Time flow ~30 seconds +5/-10
- Anti-scalding safety: maximum temperature limiter can be set by the installer.
- Integrated non-return valves and filters.
- 10 year warranty.

Advantages

- **Comfort and user safety**
 - The user can adjust the temperature.
 - maximum temperature limiter can be set by the installer.
- **Water savings: 84 %** compared to a classic mixer 15 lpm.
- **Vandal proof** protective wall plate in chrome-plated solid brass and through-the-wall option.

Uses

All individual or group showers. Swimming pools, campsites, leisure centres, barracks, factories, boarding schools, etc.

Safety

- Maximum temperature limiter can be set by the installer and the push-button control is insulated.
- Integrated filters and non-return valves.

Reliability

- Foolproof mechanism. Designed from scale and corrosion proof materials. Hydraulic time flow system with self-cleaning calibrated groove.
- Will operate for more than 500,000 operations.

Operation

- Opens by pressing on the push-button control.
- Temperature selection by turning the push-button control.
- Automatic timed shut-off after ~30 seconds (+5/-10) of flow.

Comfort

Easy to operate and user can adjust the temperature.

Vandal proof

Specifically designed for intensive use in public places. Chrome-plated solid brass protective wall plate.

80% water savings

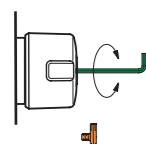
- Automatic flow rate regulator at 6 lpm.
- Automatic timed shut-off delay (~30 seconds).

Limited maintenance

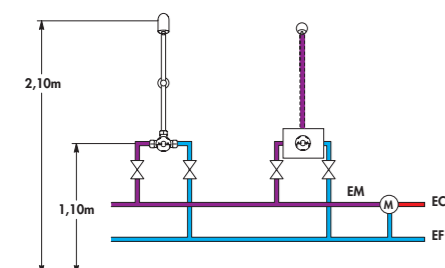
The nozzle does not need de-scaling.



Maximum temperature limiter is located underneath the push-button control.



Flow rate can be adjusted without removing the mechanism and cutting off the water supply (DELABIE patented). Use a 3mm Allen key.



Installation

(instructions available on request)

- Balance the CW and HW pressure ($\Delta P < 1$ bar)
- Recommended pressure **0.7 - 5 bar**.
- Supply with HW at 50°C using a PREMIX (see p.81).
- If necessary protect the supply pipes with strainers and pressure reducers.
- Protect the mechanism and the non-return valves with the filters supplied.

Maintenance

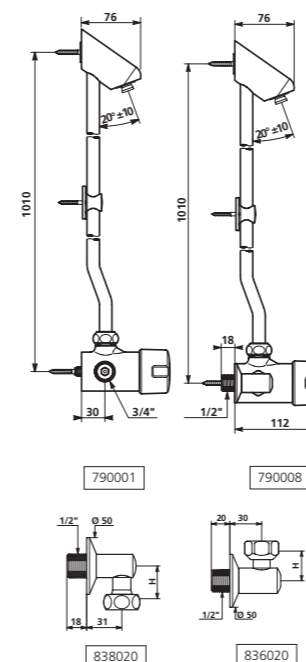
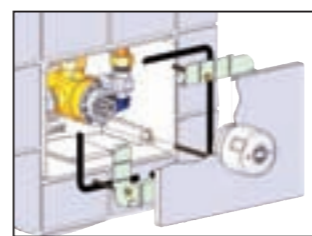
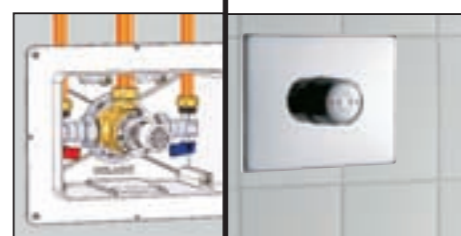
(instructions available on request)

The interchangeable cartridge, non-return valves and filters are accessible without removing the mixer.

TEMPOMIX RECESSED SHOWER with waterproof box:

- > prevents water ingress behind the partition (i.e. water from the tiles).
- > allows condensation or leaks to drain by a small channel in the seal.

- Quick to install, with an adjustable recessing depth between 10 - 30mm. Connectors and stopcocks are integrated.
- Vandal proof: hidden fixings and shockproof mechanism.



TEMPOMIX Exposed Showers

Shower kit for exposed wall mounting with:

- Single control time flow mixer ~30 seconds in chrome-plated solid brass with integrated non-return valves and filters. MM3/4" inlets.
- Vandal proof TONIC-JET fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.
- Reinforced shower column Ø16 and collar.

- **with 2 angled connectors and stopcocks** **790006** with adjustable flow rate and spacing M1/2" F3/4" (ref. 836020) and integrated stopcock, 150mm centres
- **with two angled connectors** **790008** without stopcocks (ref. 838020), 150mm centres
- **without connectors** **790001** MM3/4", 90mm centres.

> We recommend installing a PREMIX thermostatic mixing valve for MW supply (see page 83) and a floor trap for drainage (see page 73).
Option: shower head with spray grid "GR" (see page 71).

TEMPOMIX Recessed Showers

Recessed shower kit featuring:

- Single control time flow mixer ~30 seconds in chrome-plated solid brass with non-return valves and integrated filters.
- Recessing box.
- Vandal proof, fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.

- **with waterproof recessing box and chrome-plated brass wall plate 161 x 220mm** featuring 3/4" Tempomix mixer with 1/2" stopcocks. Adjustable recess depth from 10 - 30mm.

- **Pre-assembled kit featuring:** **790BOX** recessing box, protective cover and hydraulic connector (to connect to control assembly 790219 or 790212).

- **Control kit with ROUND shower head** featuring: **790219** wall plate, chrome-plated push-button control and ROUND shower head

- **Control kit with TONIC-JET shower head** featuring: **790212** wall plate, chrome-plated push-button control and TONIC-JET sh. head

See technical characteristics on previous page.

- **with standard recessing box** featuring 3/4" Tempomix mixer with connectors for Ø14 copper tube, without stopcocks, and with vandal proof TONIC-JET fixed shower head (ref. 712000). Adjustable recessing depth from 10mm.

- **with Ø 195 wall plate** **790912**
- **satin stainless steel wall plate 160x160mm** **790712**

TEMPOMIX Cross Wall Showers

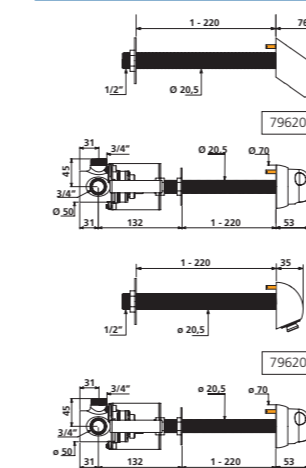
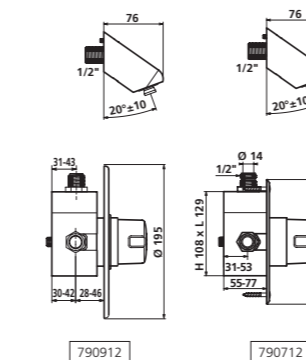
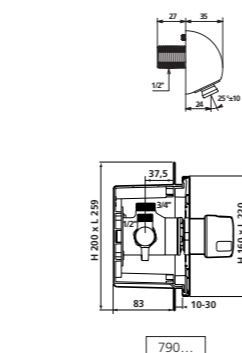
NEW

Vandal proof shower kit for through-the-wall installation, with:

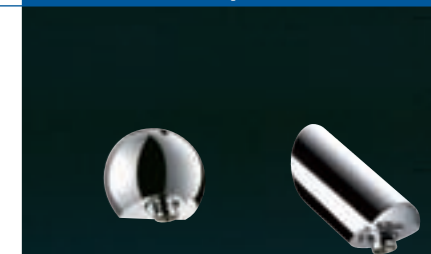
- Through-the-wall control, M3/4", for walls 170 - 220mm with single control time flow mixer ~30 seconds in solid brass with integrated non-return valves and filters.
- Vandal proof fixed shower head, M1/2", with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm, for through-the-wall installation for walls 170 or 220mm thick.

- **for walls 170 mm, ROUND shower head** **796159**
- **for walls 220 mm, ROUND shower head** **796209**
- **for walls 170 mm, TONIC-JET shower head** **796152**
- **for walls 220 mm, TONIC-JET shower head** **796202**

For more information regarding: shower heads see page 69.
Hard Use see pp. 44-45 and 74-75.



TEMPOMIX Exposed Showers



TEMPOMIX Recessed Showers



TEMPOMIX Cross Wall Showers

> We recommend installing a PREMIX thermostatic mixing valve for MW supply (see p.83) and a floor trap for drainage (see p.73).
THESE PRODUCTS WILL WITHSTAND CHEMICAL AND THERMAL SHOCKS subject to compliance with current protocols.



Description

TEMPOSTOP shower kit with automatic timed shut-off valve and vandal proof, fixed shower head with scale-proof nozzle and flow rate set at 6 lpm (at 3 bar).

- For mixed water supply.
- Time flow ~30 seconds +5/-10.
- Pre-set flow rate can be adjusted at installation.

Advantages

- **Vandal proof and unequalled endurance.**
- Anti-blocking safety system.
- **Water savings: 84%** compared to a classic mixer 15 lpm.

Operation

- Opens by pressing on the push-button control.
- Automatic timed shut-off after ~30 seconds (+5/-10) of flow.
- Spray formed by a scale-proof nozzle

Uses

All individual or group showers. Swimming pools, campsites, leisure centres, barracks, factories, boarding schools, etc.

Reliability

- Foolproof mechanism. Designed from scale and corrosion proof materials. Hydraulic time flow system with self-cleaning calibrated groove.
- Will operate for more than 500,000 operations (certified NF/CSTB).

Comfort

- Easy to operate.
- Automatic flow rate regulator and angle of spray can be adjusted at installation.

Limited maintenance

The nozzle does not require any maintenance or de-scaling, contrary to traditional grid systems.

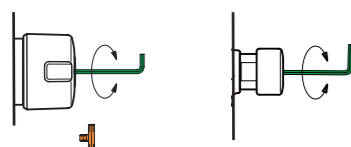
Vandal proof

Specifically designed for intensive use in public places.

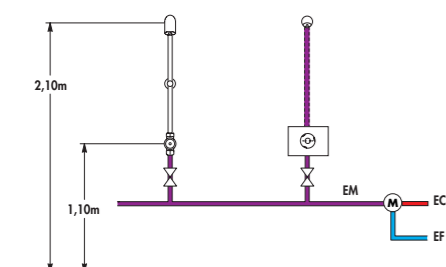
- Foolproof and shockproof mechanism.
- Triple coated chrome-plated finish.
- Tamper proof installation. For Hard Use environments a wall plate with reinforced fixing by 4 screw is available (ref. 824800) and the installation can be recessed or through-the-wall.

80% Water saving

- Automatic flow rate regulator at **6 lpm**.
- Automatic timed shut-off delay (~30 seconds).



- Flow rate can be adjusted without removing the mechanism or shutting off the water supply (DELABIE patented). Use a 3mm Allen key.
- Maintenance: Interchangeable cartridge.



Installation (information available on request)

- Supply with mixed water using a PREMIX group thermostatic mixing valve (see page 81).
- Recommended pressure: **0.4 - 5 bar**.
- If necessary protect the installation with cartridge filters and pressure reducers.
- Thoroughly flush the pipework before installation and commissioning of mixers and taps.

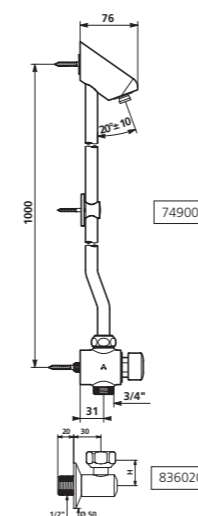
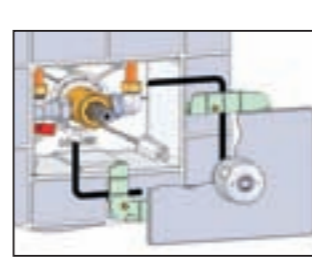
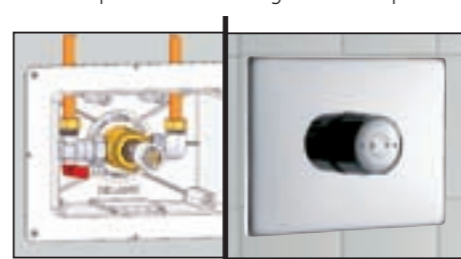
Maintenance (information available on request)

The cartridge (time flow mechanism) is interchangeable.

TEMPOSTOP RECESSED SHOWER with waterproof box:

- > prevents water ingress behind the partition (i.e. water streaming down the tiles).
- > allows condensation or leaks to drain by a small channel in the seal.

- Quick to install, with an adjustable recessing depth between 10 - 30mm with integrated stopcocks and connectors.
- Vandal proof: hidden fixings and shockproof mechanism.



TEMPOSTOP Exposed Shower 749001

Shower kit for exposed wall mounting with:

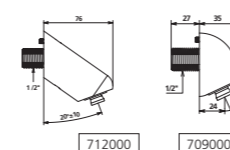
- Time flow valve ~30 seconds in chrome-plated solid brass for M3/4" bottom inlets, supplied with mixed water.
- Vandal proof TONIC-JET fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.
- Reinforced shower column Ø16 and collar.

We recommend the following connector for the water inlet:

Angled connector with stopcock 836020

M1/2" F3/4" with stopcock and adjustable spacing.

- > We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).
- Option: shower head with spray grid "GR" (see p.72).



TEMPOSTOP Recessed Shower

Recessed shower kit with waterproof box and chrome-plated brass wall plate 161 x 220mm featuring:

- Waterproof box with 3/4" Tempostop time flow valve ~30 seconds and 1/2" stopcocks (ref. 749220) supplied with mixed water. Adjustable recessing depth between 10 - 30mm.
- Vandal proof fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.

Pre-assembled kit featuring: 749BOX

recessing box, protective cover and hydraulic connector (to connect to control assembly 749239 or 749232).

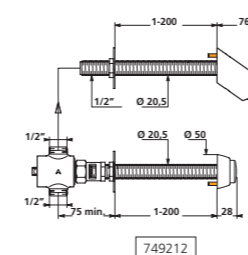
Control kit with ROUND shower head 749239

featuring: wall plate, chrome-plated push-button control and ROUND shower head (ref. 709000).

Control kit with TONIC-JET shower head 749232

featuring: wall plate, chrome-plated push-button control and TONIC-JET shower head (ref. 712000).

- > We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).



TEMPOSTOP Cross Wall Showers

Vandal proof shower kit for through-the-wall installations, with:

- Through-the-wall control for walls 150 or 200mm thick with M1/2" time flow valve ~30 seconds in solid brass, supplied with mixed water.
- Vandal proof fixed shower head, with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm, for through-the-wall installation for walls 170 or 220mm thick.
- Totally vandal proof: hidden fixings and an anti-rotating pin.

for walls 1 - 150mm, TONIC-JET shower head 749152

for walls 1 - 200mm, TONIC-JET shower head 749212

AB for walls 1 - 200mm, TONIC-JET shower head 747213

with Anti-blocking safety, time flow 15 seconds

for walls 1 - 150mm, ROUND shower head 749159

for walls 1 - 200mm, ROUND shower head 749219

AB for walls 1 - 200mm, ROUND shower head 747214

with Anti-blocking safety, time flow 15 seconds.

Back-nut with 3 screws (reinforcing flange behind the partition) 826315

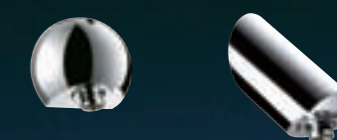
- > **Please contact us for other solutions specifically for prisons.** See our Hard Use selection pages 44-45 and 74-75.

- > We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).

Other sizes available on request.



TEMPOSTOP Exposed Shower



TEMPOSTOP Recessed Showers



TEMPOSTOP Cross Wall Showers

THESE PRODUCTS WILL WITHSTAND CHEMICAL AND THERMAL SHOCKS subject to compliance with current protocols.

Description

Shower kit with decompression starter, with vandal proof fixed shower head and scale-resistant nozzle, with flow rate set at 6 lpm (at 3 bar).

- Top inlet, supplied by mixed water.
- Shut-off delay ~30 seconds +5/-10
- Scale-proof nozzle does not require de-scaling.
- Spray angle can be adjusted on installation.
- Integrated non-return valve and filter.
- 10 year warranty.

Advantages

- **Water saving: 84 %**
compared to a classic shower 15 lpm.
- **High resistance to vandalism and unequalled endurance.**
- **Soft-touch operation** for improved comfort.

Uses

All individual or group showers. Swimming pools, campsites, leisure centres, barracks, factories, boarding schools, etc.

Comfort

- Easy to operate.
- Automatic flow rate regulator and spray angle is adjustable by the installer.

Vandal proof

Specifically designed for intensive use in public places.

- Made from chrome-plated solid brass
- Triple coated, chrome-plated finish.
- Tamperproof installation: 6 fixing points.
- Foolproof and shockproof mechanism.

Operation

- Operates by lightly pressing on the push-button.
- Automatic timed shut-off after ~30 seconds (+5/-10) of flow.
- Spray formed by a scale-proof nozzle.

Water savings over 80%

- **ECO flow rate regulator set at 6 lpm.**
- Automatic timed shut-off (~30 seconds).

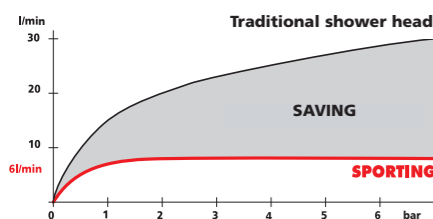
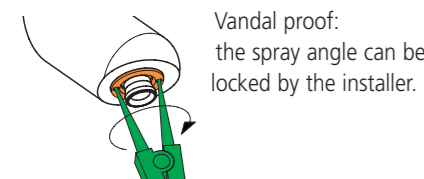
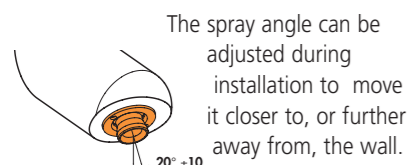
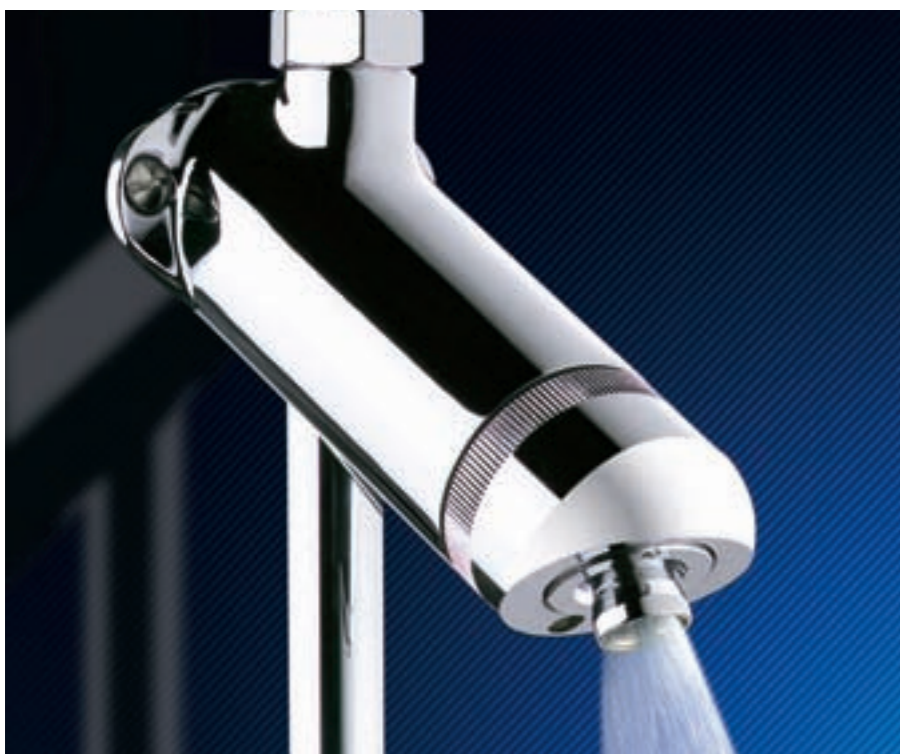
Reliability

- Foolproof mechanism. Designed from scale and corrosion proof materials. Hydraulic time flow system with self-cleaning calibrated groove.
- Endurance: more than 500,000 operations on the test bench.

Installation

- (information available on request)
- Top inlets, supplied with mixed water, by a PREMIX group thermostatic mixing valve (see page 83).

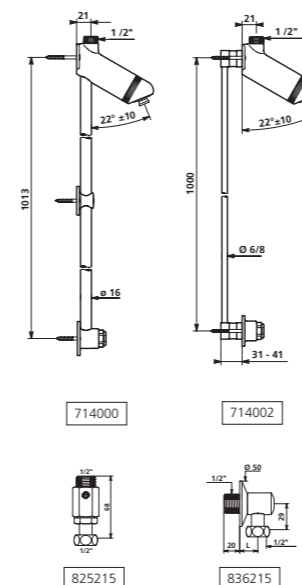
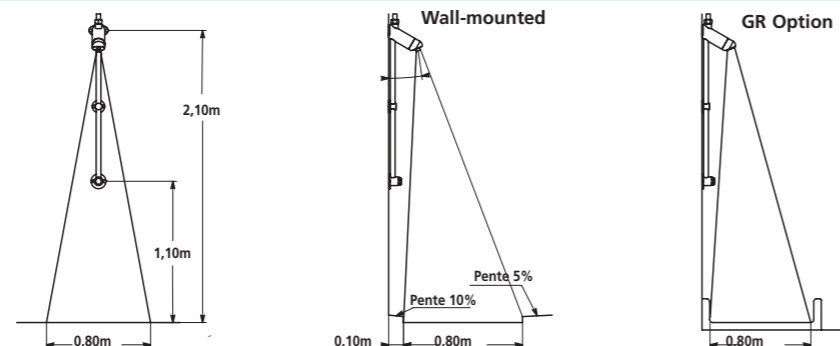
- Recommended pressure: **0.8 - 5 bar** (reduce the pressure for user comfort).
- If necessary, protect the installation with cartridge filters and pressure reducers.



Flow rate set at 6 lpm, regardless of the operating pressure: sizing the pipework is easier.

Installation advice

We recommend installing the shower tray 10cm from the wall. To capture all of the spray, we recommend recessed or sloping trays. For raised trays use the Spray Grid GR (see opposite).



SPORTING Showers, wall-mounted

Shower kit with decompression starter for exposed wall mounting, for M1/2" top inlet supply with mixed water, featuring:

- Decompression starter, fixed by 2 stainless steel screws.
- Vandal proof fixed shower head and scale-resistant nozzle, time flow ~30 seconds with ECO flow rate set at 6 lpm.
- Chrome-plated solid brass body. Integrated non-return valve and filter.

- **exposed** **714000**
with reinforced shower column and fixing collar
- **recessed** **714002**
supplied with connecting pipe 6/8 and junction box (fitted with an anti-kickback screw).

Stopcock connector MF1/2" to attach to inlet:

- **in-line**, for exposed supply **825215**
- **right-angled** L.20mm, for concealed supply **836215**

Option: shower head with spray grid "GR", see foot of the page.

> We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see page 83) and a floor trap for drainage (see page 73).

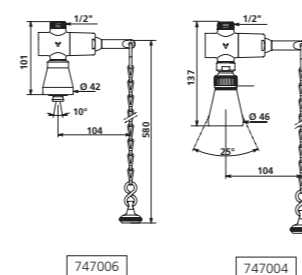
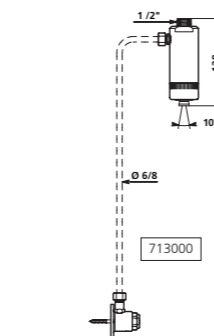
SPORTING Showers, ceiling-mounted

Shower kit with wall-mounted decompression starter and ceiling-mounted shower head, for M1/2" top inlet supply with mixed water, featuring:

- Decompression starter, available for exposed or recessed installation.
- Vandal proof fixed shower head and scale-resistant nozzle, time flow ~30 seconds with ECO flow rate set at 6 lpm.
- Chrome-plated solid brass body. Integrated non-return valve and filter. 6/8 connecting tube not supplied.

Option: shower head with spray grid "GR", see foot of the page.

> We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see page 83) and a floor trap for drainage (see page 73).



TEMPOSTOP Chain-pull Showers featuring:

- M1/2" valve, time flow ~15 seconds, with lever and chain fitted with a triangular handle.
- Scale-proof shower head with automatic flow rate regulator, flow rate set at 6 lpm.

- **with vandal proof fixed GYM shower head** **747006**
- **with GYM COMFORT adjustable shower head** **747004**

> We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see page 83) and a floor trap for drainage (see page 73).



Spray Grid

Alternative to the scale-proof nozzle. Concentrated spray (Ø 50cm on the floor) recommended for small or raised shower trays.

Add GR to the end of the reference (e.g. 714000 GR).



Wall-mtd SPORTING Showers



Ceiling-mounted SPORTING Showers



TEMPOSTOP Chain-pull



GR Spray Grid

THESE PRODUCTS WILL WITHSTAND CHEMICAL AND THERMAL SHOCKS subject to compliance with current protocols.

Waterproof recessed shower kit

Flow rate pre-set at 12 lpm, can be adjusted without shutting off the water supply.

- Temperature control via the push-button control, with maximum temperature limiter (can be adjusted by the installer).
- Recessing box (recessing depth adjustable from 10 - 30mm). See p.62.
- Chrome-plated wall plate 161x200mm, vandal proof with hidden fixings.

- **Time flow mixer TEMPOMIX with waterproof recessing box and chrome-plated brass wall plate 161 x 220mm** featuring:
 - TEMPOMIX 3/4" single control, time flow mixer ~30 seconds in solid brass with integrated 1/2" stopcocks, non-return valves and filters, for **hot water** and **cold water** supply.

Pre-assembled kit featuring: **790BOX**
recessing box, protective cover and hydraulic connector (to connect to control assembly 790218 or 790218CXL).

Control kit featuring: **790218**
wall plate and chrome-plated push-button control.

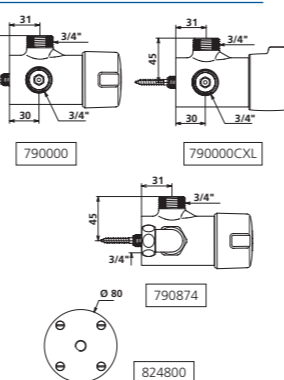
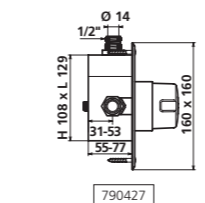
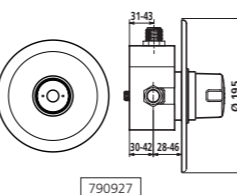
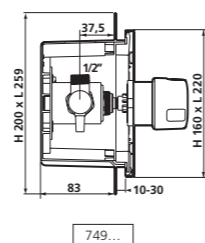
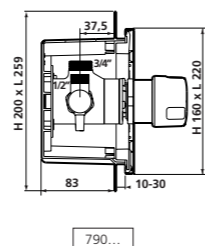
Control kit featuring: **790218CXL**
wall plate and chrome-plated CXL push-button control.

- **Time flow valve TEMPOSTOP with waterproof recessing box with chrome-plated brass wall plate 161 x 220mm** featuring:
 - TEMPOSTOP 3/4" time flow valve ~30 seconds in solid brass with integrated 1/2" stopcock, non-return valve and filter, for **mixed water** supply.

Pre-assembled kit featuring: **749BOX**
recessing box, protective cover and hydraulic connector (to connect to control assembly 749218 or 790218CXL).

Control kit featuring: **749218**
wall plate and chrome-plated push-button control.

Control kit featuring: **790218CXL**
wall plate and chrome-plated CXL push-button control.



TEMPOMIX Recessed Showers

Time flow mixer with standard recessing box:

- TEMPOMIX 3/4" single control time flow mixer ~30 seconds in solid brass with integrated non-return valves and filters (without stopcocks) for **hot water** and **cold water** supply.
- Flow rate pre-set at 12 lpm, can be adjusted without shutting off the water supply.

Temperature control via the push-button control, with maximum temperature limiter (adjustable by the installer).

- Recessing box (recessing depth adjustable to 20mm).

- **wall plate Ø195 no visible screws Ø14** **790927**
 - **wall plate Ø195 no visible screws Ø15** **790925**
 - **stainless steel wall plate 160x160, connectors Ø14** **790427**
 - **stainless steel wall plate 160x160, connectors Ø15** **790425**
- for installation on dry walls.

TEMPOMIX Exposed Showers

Time flow mixer ~30 seconds, with temperature control via the push-button control, and maximum temperature limiter (adjustable by the installer). Solid brass body with non-return valves and filters. Flow rate pre-set at 12 lpm, can be adjusted without shutting off the water supply.

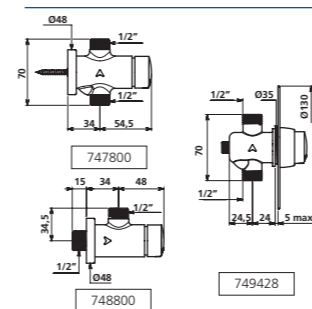
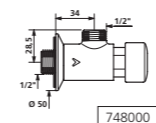
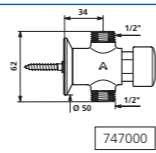
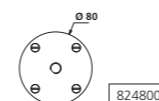
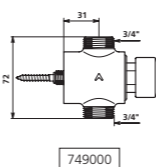
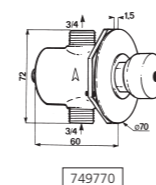
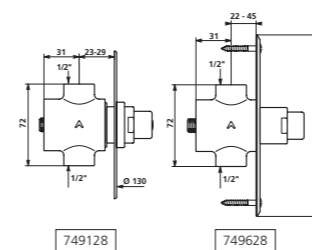
- **with F3/4" right-angled connectors, centres 150** **790874**
 - **with M3/4" inline inlets, centres 90** **790000**
 - **790000 with chrome-plated metal control knob** **790000CXL**
 - **for panels 1 - 10mm thick, M3/4"** **790970**
 - **for panels 8 - 16mm thick, M3/4"** **790975**
 - **Reinforced wall plate Ø80** **824800**
- for installation on panels or dry walls.

TEMPOSTOP Recessed Shower

Time flow valve for recessing, automatic shut-off after ~30 sec, inlets F1/2". Brass body, flow rate 12 lpm, adjustable from the exterior.

- **stainless steel wall plate 160x160** **749628**
- **stainless steel wall plate 160x160 15mm for CF** **749625**
- **stainless steel wall plate Ø130** **749128**
- **stainless steel wall plate Ø130 15mm for CF** **749188**
- **st. steel wall plate Ø130 15mm for CF large flow rates** **749188**

* CF - compression fittings



TEMPOSTOP Shower for Panels

Time flow valve M3/4" for 2mm panels, automatic shut-off after ~30 sec. Brass body with a rear locking ring. Flow rate 12 lpm, can be adjusted by the installer without shutting off the water supply.

- **MM3/4"** **749770**
- **FF1/2"** **749570**

TEMPOSTOP Exposed Showers 3/4"

Time flow valve for inline connection M3/4", automatic shut-off after ~30 sec. Flow rate 12 lpm, can be adjusted by the installer without shutting off the water supply. Brass body M3/4".

- **adjustable flow rate MM3/4"** **749700**
- **adjustable flow rate FF1/2"** **749715**
- **adjustable flow rate 15mm for compression fittings** **749725**
- **adjustable flow rate FM1/2"** **749010**
- **MM3/4" 45 lpm at 0.5 bar for low pressure installations** **749000**
- **Reinforced wall plate Ø 80 for panels/partition walls** **824800**

TEMPOSTOP Showers 1/2"

Time flow valve, automatic shut-off after ~15 sec. Chrome-plated brass body MM1/2". Flow rate 12 lpm, can be adjusted by the installer without shutting off the water supply.

- **inline MM1/2"** **747000**
- **inline 15mm for compression fittings** **747116**
- **inline, with Anti-Blocking safety** **747001**
- **right-angled for concealed supply** **748000**
- **right-angled, with Anti-Blocking safety** **748001**

Anti-Blocking safety: valve only operates once the push-button is released.

TEMPOSOFT 2 Showers

Time flow valve for recessing, shut-off after ~25 sec, inlets MM1/2"

- **recessed with satin st. steel wall plate Ø130** **749428**
adjustable spacing/ locking 1-10 mm.
- **recessed for dry panels 10mm** **749870**
Rough brass body MM1/2", chrome push-button Ø35, no wall plate
- **exposed, for inline supply** **747800**
- **exposed right-angled for concealed supply** **748800**

We recommend wall plate ref. 824800 for panels/partition walls see below.

Inline stopcock union, M1/2" F1/2"

825015

Union "stop" inline, with integrated stopcock

- **M1/2" F1/2" with adjustable nut** **825215**
- **M3/8" F3/8" with adjustable nut** **825212**
- **15mm for compression fittings with adjustable nut** **825216**

Elbow union with integrated stopcock

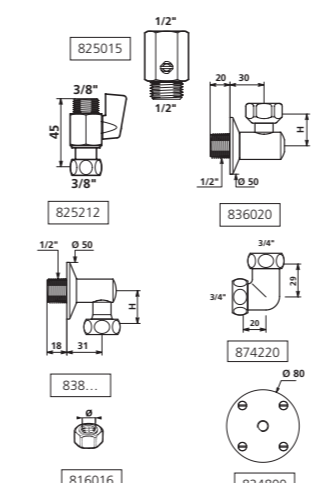
- **M1/2" F1/2" L.30 H.29** **836015**
- **M1/2" F3/4" L.30 H.29 ±2 mm** **836020**

Elbow union without integrated stopcock

- **M1/2" F1/2" L.30 H.27** **838015**
- **M1/2" F3/4" L.30 H.29** **838020**
- **FF3/4" captive nut (2 pieces)** **874220.2P**
- **F3/4" Chrome Nut for copper pipes Ø 16** **816016**

Reinforced fixing plate for secure fixings (4 screws)

- **F 12/150** **824800**
- **F 1/2"** **824815**



TEMPOSTOP Recessed Showers



TEMPOSTOP for Panels



TEMPOSTOP Showers 3/4"



TEMPOSTOP Showers 1/2"



TEMPOSOFT 2 Showers 1/2"



Connectors

TEMPOMIX Waterproof Shower

TEMPOSTOP Waterproof Shower

TEMPOMIX Recessed Showers

TEMPOMIX Exposed Showers



Description

Vandal proof fixed shower head with scale-proof nozzle and tamperproof fixing.

- Chrome-plated solid brass body.
- Spray angle can be adjusted on installation.
- Automatic ECO flow rate regulator set at **6 lpm**.

Vandal proof

Specifically designed for intensive use in public and commercial places.

- Locked in place with stainless steel screws.
- Vandal proof, scale-proof nozzle.
- Triple-coated, chrome-plated solid brass.

Water savings over 80%

Automatic ECO flow rate regulator set at **6 lpm**.

Comfort

The automatic flow rate regulator ensures the same quantity of water is delivered to each shower, from the first to the last. The spray angle can be adjusted on installation.

Hygiene and limited maintenance

The nozzle does not need to be de-scaled, in contrast to shower heads with grids. The lack of water retention reduces the proliferation of bacteria.

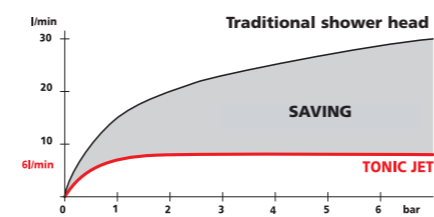
Principle

The shower spray is formed by pulverisation. The nozzle is a diffuser without grid. It will not scale up or clog up (**DELABIE patented**).

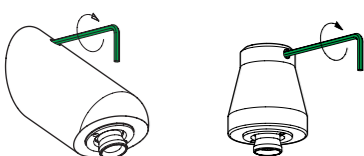
Calculating the Hot Water Requirements.

The TONIC-JET and GYM shower heads have a flow rate set at 6 lpm regardless of the water pressure. Water storage, the capacity of the group mixing valve and the pipework can be reduced. Flow rate calculations are simplified. (See Technical Chapter: Calculating the Pipework page 129.

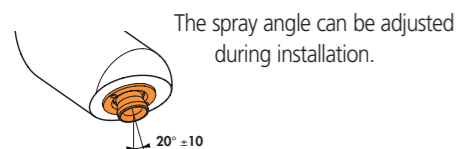
Installation advice: install the shower tray ~10cm from the wall to ensure the capture of all the spray. We recommend built in shower trays or sloping gutters rather than raised small shower trays. For the latter we recommend the GR grid alternative (see opposite).



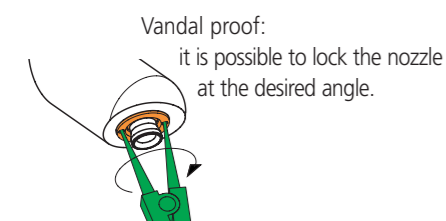
For additional comfort, a rain-effect shower head can be selected, GR grid shower head or scale-proof GYM COMFORT.



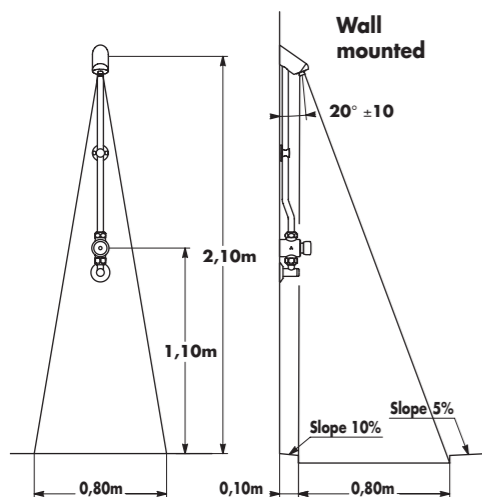
Vandal proof installation:
fixed in place using a grub screw.



The spray angle can be adjusted during installation.



Vandal proof:
it is possible to lock the nozzle at the desired angle.



TONIC-JET

Vandal proof, scale-proof fixed shower head.

- Chrome-plated solid brass body with vandal proof fixing.
- Scale-proof nozzle with adjustable spray angle.
- Automatic ECO flow rate restrictor set at 6 lpm.

- for concealed inlets, M1/2" **712000**
- for panels 1-10mm, M1/2" **712010**
- kit with shower column F3/4" and collar **712020**
- kit with shower column F1/2" and collar fixing by anchor screws (supplied) **712115**

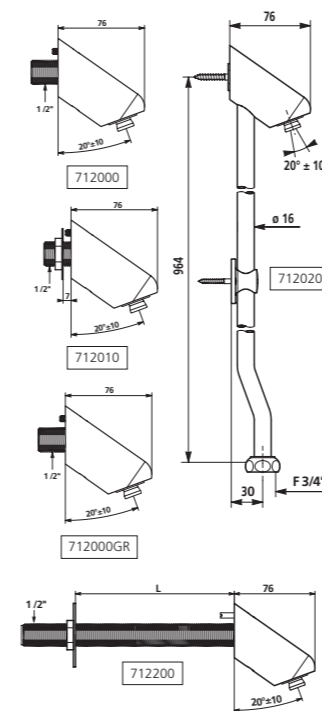
- cross wall, for walls 1-150mm*, M1/2" **712150**
- cross wall, for walls 1-200mm*, M1/2" **712200**

* Other lengths available on request

- **Vandal proof rain-effect grid** **GR**
- replaces the shower head nozzle for showers 712..., 714..., or 716... Add GR to the end of the reference (e.g.: 712000GR)

Rain-effect spray (Ø 50cm on the floor) recommended for small, raised shower trays.

See the Hard Use collection pages 44-45 and 74-75.



ROUND

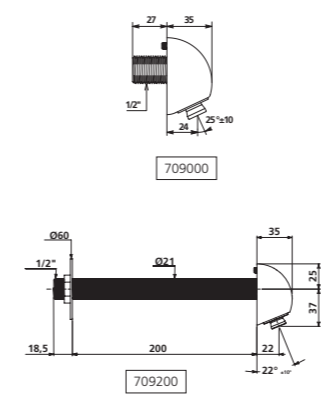
Vandal proof, scale-proof fixed shower head.

- Chrome-plated solid brass body with vandal proof fixing.
- Scale-proof nozzle with adjustable spray angle.
- Automatic ECO flow rate restrictor set at 6 lpm.

- for concealed inlets, M1/2" **709000**
- or panels 1-10mm, M1/2" **709010**
- cross wall, for walls 1-150mm*, M1/2" **709150**
- cross wall, for walls 1-200mm*, M1/2" **709200**

* Other lengths available on request.

See the Hard Use collection pages 44-45 and 74-75.

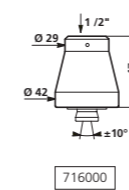


GYM

716000

Vandal proof, ceiling-mounted fixed shower head, F1/2".

- Chrome-plated solid brass body with vandal proof fixing.
- Scale-proof nozzle with adjustable spray angle.
- Automatic ECO flow rate restrictor set at 6 lpm.



Shower Arm chrome-plated brass MM1/2".

- L.95 **710000**

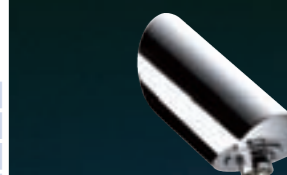
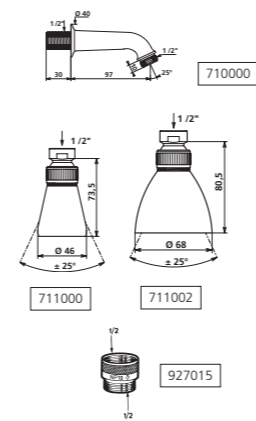
GYM COMFORT

Adjustable, scale-proof shower heads.

- F1/2" Ø 46 **711000**
- EXTRA F1/2" Ø 68 **711002**

Flow rate regulator MF1/2".

- 5 at 6 lpm (pack of 5) **927005.5P**
- 10 lpm (pack of 5) **927015.5P**



TONIC-JET Shower Head



ROUND Shower Head

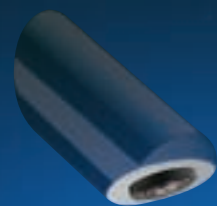


GYM Shower Head

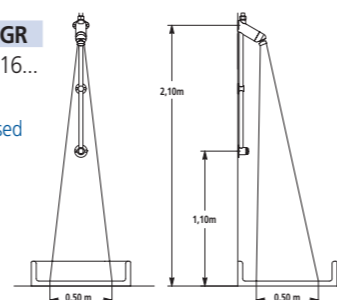


GYM COMFORT Shower Head

GR Grid



- **Vandal Proof Rain-effect Grid** **GR**
replaces the shower head nozzle for showers 712..., 714..., or 716...
Add GR to the end of the reference (e.g.: 712000GR).
Rain-effect spray (Ø 50cm on the floor) recommended for small, raised shower trays.

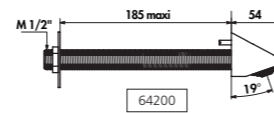
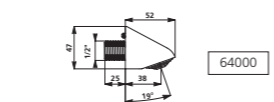


64000 646000

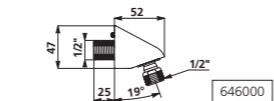


Wall-mounted Shower Heads

- Wall-mounted Shower Heads with Grids**
Anti-vandal fixed shower head M1/2".
Chrome-plated brass body, vandal proof fixing.
- Shower head with 5 ring spray plate, grub screw.
- wall-mounted shower head with grid **64000**
 - through-the-wall 1-185mm thick **64185**
 - through-the-wall 1-235mm thick **64200**
 - for panel 1-25mm thick **64Q40**



- Wall-mounted, Shower Head with Rotating Nozzle** **646000**
for use with any shower head, M1/2".
Fixed in place with a grub screw.

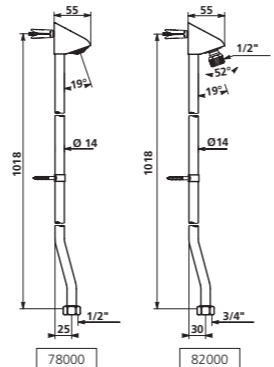


78000 82000

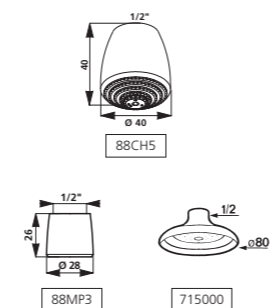


Shower Columns

- Shower Columns with Wall-mounted Shower Heads**
5 ring grid, supplied with fixing collar.
- column 1/2" L. 25 **78000**
- Shower Column with Shower Arm and Rotating Nozzle,**
supplied with fixing collar, for use with any shower head.
- column 3/4" L. 30 **82000**



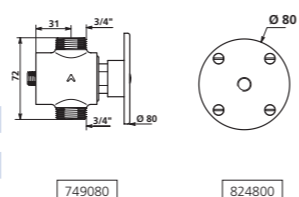
- Ceiling-mounted Shower Heads F1/2"**
- with 5 rings, chrome-plated brass **88CH5**
 - with 5 rings, black Makrolon **88MP5**
 - with 3 rings, black Makrolon **88MP3**
 - chrome-plated with large rim, Ø85 **715000**



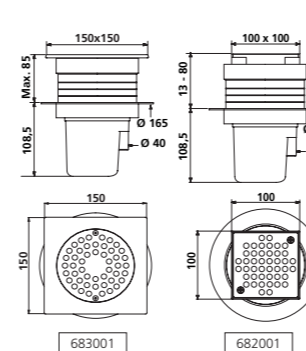
(See also scale-proof shower heads page 71).

Ceiling-mounted Shower Heads

- TEMPOSTOP Safety Shower**
time flow valve with push-button disc.
Chrome-plated brass body. Push-button disc Ø 80.
Time flow ~30 seconds. Flow rate can not be adjusted.
Inline connectors.
- **MM3/4", flow rate 75 lpm at 3 bar** **749080**
 - **MM 1"1/4, flow rate 130 lpm at 3 bar** **760580**
 - **Reinforced wall plate Ø 80** **824800**
recommended for installation on panels or dry walls.



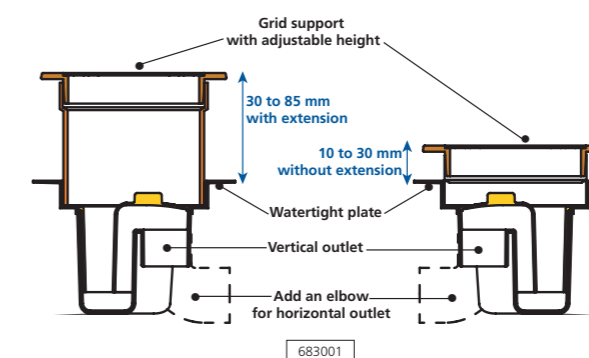
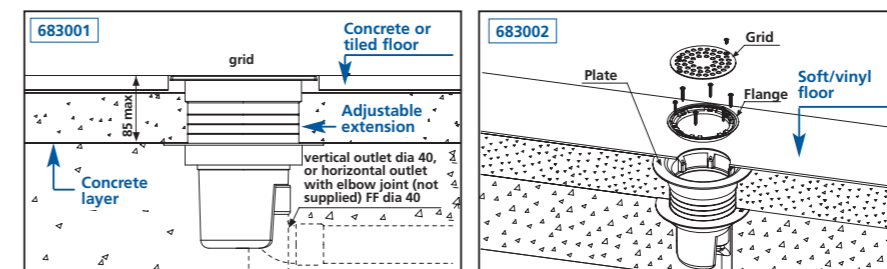
TEMPOSTOP Disc-operated



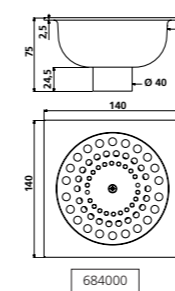
- Adjustable Height FLOOR TRAPS**
with vandal proof stainless steel grid (withstands detergents) fixed by 2 stainless steel screws.
- Water level 50mm and flow rate 0.6 l/sec.
 - Vertical outlet Ø40.
 - PVC body, classified as non-flammable (American certification UL94).

- **for tiled or concrete floors**
 - **150x150**, grid support/stainless steel grid adjustable height up to 85mm (with extension). **683001**
 - **100x100**, grid support/stainless steel grid adjustable height up to 80mm (with extension). **682001**
- **for soft/vinyl floors**
 - **Ø 115**, grid support/stainless steel grid adjustable height up to 80mm (with extension). **683002**

- > Horizontal or vertical outlet integrated into the height of the floor trap: significant savings for height and all dimensions.
- > Adjustable height: easy to install even where there are differences in floor levels.
- > Integrated waterproof plate to seal the waterproof membrane.
- > Heat proof: 60°C continuous / 85°C peak.
- > Plunger with handle: easy to grip and easy to clean.
- > Smooth PVC body: prevents the build-up of impurities.



- Floor Trap with Grid 140x140** **684000**
in polished stainless steel, fixed by stainless steel screw
- Water level 20mm and flow rate 0.3 lps.
 - Vertical outlet Ø 40 (add an elbow for horizontal outlets)
 - PVC bell



- 1 Stainless steel grid.
- 2 Adjustable extension.
- 3 Trap body with integrated flange to seal the water proof membrane.

Floor Trap with Adjustable Height



Fixed Height Floor Trap

HIGH RESISTANCE TO VANDALISM AND UNEQUALLED ENDURANCE

Some public and commercial places remain extremely susceptible to vandalism through deliberate or involuntary damage. DELABIE offer a complete solution to these problems, especially in prisons, hostels for the homeless, rest areas and service stations, etc.

• High resistance to vandalism:

- **Ergonomic designs** prevent unwanted removal and reduce the risk of hanging.
- Control knobs **cannot be unscrewed** or removed by the user.
- **Installation in service duct:** no access by the user.

• Hard wearing for intensive use:

- **Robust:** designed to withstand intensive use.
- **Shock proof mechanisms:** endurance tested for several hundred thousand operations.

• Secure and easy maintenance:

Installation in service duct allows servicing and maintenance without user contact (e.g. prisoners).

• Anti-Blocking safety: AB

- "AB" systems prevent deliberate flooding (TEMPOSTOP time flow controls).
- Possibility of **stopping water supply** in case of excessive use (TEMPOMATIC through-the wall or multifunction below).

THROUGH-THE-WALL TIME FLOW OR ELECTRONIC CONTROL

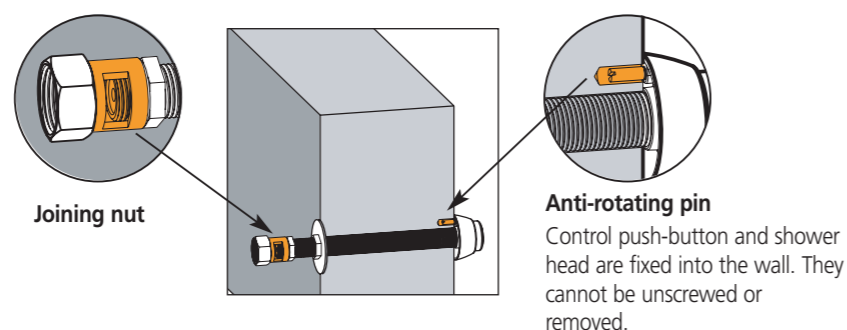
High resistance to vandalism:

- Control knob and shower head in **chrome-plated brass**.
- **Anti-rotating pins** on the control push-button as well as the shower head, lock the installation in place (cannot be unscrewed).
- **Joining nut**
 - the wall-mounted control supports the valve.
 - in-line activation when pressing the valve, via the control rod.
- **Shock proof push-button:** protects the mechanism from abuse.

Installation

- The assembly for through-the-wall installation using a service duct includes:
- 1 vandal proof control (or sensor) with threaded rod for through-the-wall installation.
 - 1 vandal proof fixed shower head with threaded rod for through-the-wall installation.

The threaded rod that goes through-the-wall can be cut to the desired length. Flexible hoses can be easily connected to deliver the water supply.



ELECTRONIC MULTIFUNCTION CONTROL FOR 4 POINTS-OF-USE

Investment savings

- The cost of the multifunction assembly for 4 points-of-use is lower than cost of electronic taps with independent control units.

Various combinations

- This multifunction device offers a **large number of combinations**: 4 washbasins, or 2 washbasins + 2 showers, or 2 washbasins + 1 shower + 1 WC, etc.

High resistance to vandalism

- Plate and control knob flush to the wall in **chrome-plated brass**.
- Installation in service duct.

Anti-blocking security

- **Security mode**
4 operations in less than 10 minutes, or 10 operations in less than 30 minutes on one-point-of-use will block it for 30 minutes, avoiding any abuse or waste.
NB: can be deactivated if necessary.

Easy installation (information on request)

- **Install one control unit for 4 points-of-use**, instead of 4 separate control units.
- **Simple wiring:** the solenoid valve cables and the controls for the push-button are supplied with crimped connectors, a circuit breaker and anti-traction security, and can be connected to the outside of the control unit.
- **Time flow control for each point-of-use** by positioning the connectors for each point-of-use: 7, 15, 30 or 45 seconds depending on use (adjustments on the mother board).

Operation

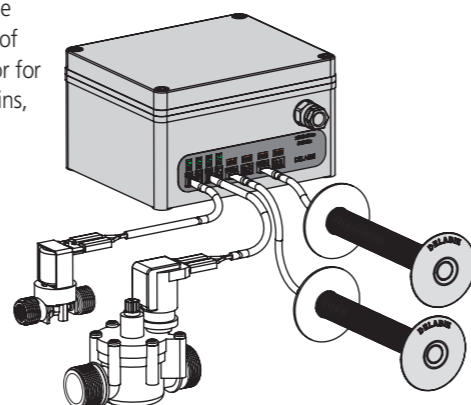
Pressing on the push-button opens a monostable 12V solenoid valve for a pre-determined period of time depending on the position of the connector for each point-of-use. 7 or 15 seconds for washbasins, 30 or 45 seconds for showers, etc.

Electrical supply:

- Protect with a 220V/4AT fuse.
- Minimum consumption: 2VA maximum 36VA intermittent.

Security:

Protect the installation with a differential circuit breaker. (cf. French standard NF C 15-100).



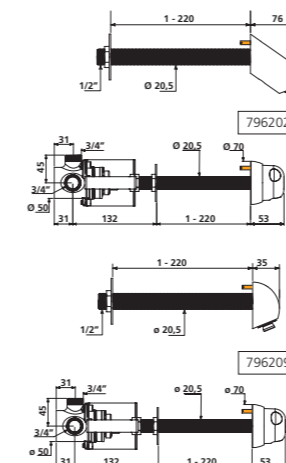
TEMPOMIX Cross Wall Showers

Vandal proof shower kit for through-the-wall installation, with:

- Through-the-wall control for walls from 170 or 220mm with single control M3/4", time flow mixer ~30 seconds in solid brass, with integrated non-return valves and filters.
- Vandal proof fixed shower head M1/2" with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm for through-the-wall installations from 170 or 220mm.

- for walls from 170mm, ROUND shower head **796159**
- for walls from 220mm, ROUND shower head **796209**
- for walls from 170mm, TONIC-JET shower head **796152**
- for walls from 220mm, TONIC-JET shower head **796202**

See recessed version with water proof recessing box page 61.



TEMPOSTOP Cross Wall Showers

Vandal proof shower kit for through-the-wall installation, with:

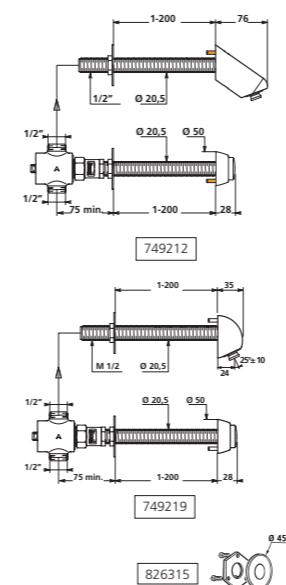
- Through-the-wall control for walls from 150 or 200mm with M1/2" time flow valve ~30 seconds in solid brass, for supply with mixed water.
- Vandal proof fixed shower head M1/2" with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm for through-the-wall installations from 150 or 200 mm.

- for walls 1-150mm, TONIC-JET shower head **749152**
- for walls 1-200mm, TONIC-JET shower head **749212**
- for walls 1-200mm, TONIC-JET shower head **747213** with Anti-Blocking safety, time flow 15 seconds
- for walls 1-150mm, ROUND shower head **749159**
- for walls 1-200mm, ROUND shower head **749219**
- for walls 1-200mm, ROUND shower head **747214** with Anti-Blocking safety, time flow 15 seconds

- **Back-nut with 3 screws** (reinforcing plate behind the partition) **826315**

> Please contact us for other solutions specifically designed for prisons.

> We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see page 83) and a floor trap for drainage (see page 73).



Other lengths available on request.

TEMPOMATIC Individual Shower

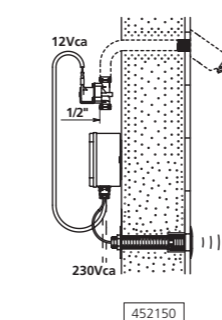
452150

Control via presence detection, featuring:

- Through-the-wall sensor for walls 1 - 150 mm*
- Electronic control unit with 1/2" solenoid valve.
- 230/12 V Transformer.
- Adjustable time flow from 30-60 seconds.

* Other through-the-wall lengths available on request.

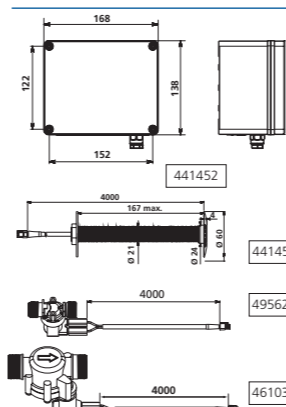
For shower heads see pages 71-72.



TEMPOMATIC Multifunction for 4 Points-of-use

to supply 4 separate points-of-use simultaneously.

- **Electronic control unit 230/12V** **441452** to connect 4 solenoid valves and 4 controls through-the-wall
- **Cross wall control with 4m cable** **441452TCP** cross wall control for walls up to 165mm thick with push-button on a chrome-plated wall plate Ø24/60 and 4m cable with connectors.
- **1/2" solenoid valve with 4m cable** **495626CEB** for washbasin, shower or urinal.
- **1" solenoid valve with 4m cable** **461035CEB** for WC flush.



TEMPOMIX Cross Wall Showers



TEMPOSTOP Cross Wall Showers



TEMPOMATIC Individual Shower



TEMPOMATIC Multifunction

