

SHOWER SENSOR CONTROLS

"No touch" hygienic sensor operation

Simply put your hand within 50mm of the sensor to turn water on. Turns water off automatically after use

You can choose your own showerhead or one of ours. Sensor is fitted remotely.

Waterproof TPTS Model Brushed Stainless Steel Shower Sensor Kits



Mains-powered

water pressure 0.5 Bar – 6 Bar

Shower Order Codes:

TPTS-M/HP/1 Shower Sensor kit

- 1 no. Mains-powered shower control box
- 1 no. 15mm Plastic 12V solenoid valve
- 1 no. Waterproof sensor c/w 45mm steel bezel and 8 metre cable

TPTS-M/HP/2 Shower Sensor kit

- 1 no. Mains-powered shower control box
- 2 no. 15mm Plastic 12V solenoid valve
- 2 no. Waterproof sensor c/w 45mm steel bezel and 8 metre cable

Battery-powered

water pressure 0.75 Bar – 10 Bar

Shower Order Codes:

TPTS-B/HP/1 Shower Sensor kit

- 1 no. Battery-powered shower control box
- 1 no. 15mm G202 6V solenoid valve
- 1 no. Waterproof sensor c/w 45mm steel bezel and 8 metre cable

TPTS-B/HP/2 Shower Sensor kit

- 1 no. Battery-powered shower control box
- 2 no. 15mm G202 6V solenoid valve
- 2 no. Waterproof sensor c/w 45mm steel bezel and 8 metre cable

SHOWER SENSOR CONTROLS—TECHNICAL

Control Box

You can set the system so you can activate the sensor once to turn the water on and then activate the sensor again to override the pre-set time and turn the water off immediately. It is possible to use 1 No. sensor to control 2 No. solenoid valves using a single control box.

Battery Shower Control Box: with adjustable valve open time from 30 seconds to 3 minutes.

Optional Purge Facility

Available on battery shower kits.

Mains Shower Control Box

with adjustable valve open time from 30 seconds to 3 minutes. **You need to provide a 3 amp fused spur.**

Optional Purge Facility

Available on mains shower kits. "Purge Facility" allows you to set the valve to open automatically if it has not been normally operated for more than a 24 hour period (to help prevent dead legs).

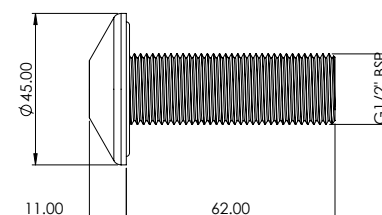
Optional Lock-Out Facility

Available on mains shower kits. "Lock-Out Facility" ensures it will stop working if it has been operated more than 4 times in 15 minutes (will automatically re-set itself after 15 minutes).

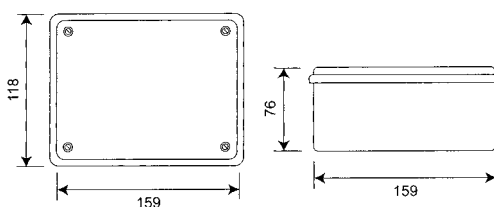
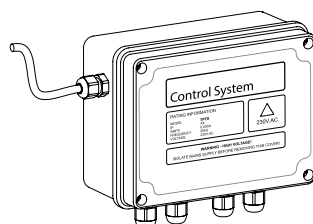
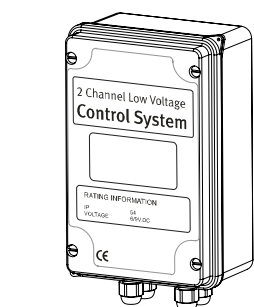
Waterproof 45mm Sensor

Anti-Ligature & Vandal Resistant: Ideal for custodial/mental health/public & commercial applications.

Please note: Do NOT mount these A.I.R. (active infrared) sensors on opposite walls, "looking" into each other across an empty void, as this can cause the sensor to malfunction. Make sure there are no lights shining (or being reflected) directly into the sensor as this can make the sensor false trigger.



Bezel diameter Ø45mm
 Overall length 73mm
 Thread ½" BSP
 Thread length 62mm
 Thread material Brass
 Pre-wired YES
 Cable length 8m standard
 Finish Brushed steel





WRAS approved Solenoid Valves for Shower Controls

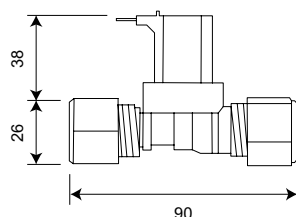
Please specify correct solenoid valves for your site conditions: for low pressure solenoid valves replace "HP" with "LP" in order codes. Very low pressure solenoid valves are only available for battery powered kits. Replace "HP" with "VLP" in order codes. Be aware that the narrower the orifice of the valve the lower the volume of water at the shower head. You may want to consider using one of our 3/4" BSP 19mm orifice valves (see *Solenoid Valves for Bath Controls*).

For mains powered kits

Standard high pressure (HP)

0.5 Bar – 6 Bar

12v pre-wired 15mm nylon solenoid valve for mains powered kits.
Working Temperature Range 0°C to 60°C
Electrical connection: Spade connectors / 2-core Ø0.5mm copper cable



ORDER CODE

15mm 12v Plastic HP Valve

TECHNICAL DATA

Gross weight 0.215 kg
Material Nylon
Seal Material NBR (Nitrile)
Voltage 12vDC
Power 3W
Connection 15mm compression
Pressure rating 0.5 Bar – 6 Bar
Operation type Normally closed
Cable length 3m

For mains powered kits

Optional low pressure (LP)

0 Bar – 0.5 Bar maximum

12v (7.1mm orifice) brass solenoid valve for mains powered kits.
You will need to provide length of 2 core cable from valve to control box.

ORDER CODE

15mm 12v (7.1mm) Valve

TECHNICAL DATA

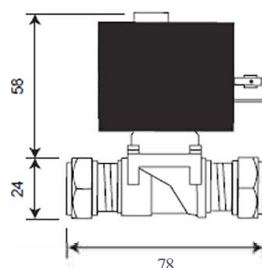
Material Brass
O-ring/washers Nitrile
Pressure rating 0 Bar – 0.5 Bar max.
Orifice 7.1mm
Connection 15mm compression
Voltage 12vDC
Operation type Normally closed

For battery powered kits

Standard high pressure (HP)

0.75 Bar – 10 Bar

6v non-wired G202 brass solenoid valve for battery powered kits.
You will need to provide length of 2 core cable from valve to control box.



ORDER CODE

15mm 6v G202 Valve

TECHNICAL DATA

Material Brass
O-ring/washers Nitrile
Pressure rating 0.75 Bar – 10 Bar
Orifice 12.7mm
Connection 15mm compression
Voltage 6vDC
Operation type Latching

For battery powered kits

Optional low pressure (LP)

0 Bar – 1.5 Bar maximum

6v (4mm orifice) brass solenoid valve for battery powered kits.
You will need to provide length of 2 core cable from valve to control box.

ORDER CODE

15mm 6v (4mm) Valve

TECHNICAL DATA

Material Brass
O-ring/washers Nitrile
Pressure rating 0 Bar – 1.5 Bar max.
Orifice 4mm
Connection 15mm compression
Voltage 6vDC
Operation type Latching

For battery powered kits

Optional very low pressure (VLP)

0 Bar – 0.5 Bar maximum

6v (6.7mm orifice) brass solenoid valve for battery powered kits.
You will need to provide length of 2 core cable from valve to control box.

ORDER CODE

15mm 6v (6.7mm) Valve

TECHNICAL DATA

Material Brass
O-ring/washers Nitrile
Pressure rating 0 Bar – 0.5 Bar max.
Orifice 6.7mm
Connection 15mm compression
Voltage 6vDC
Operation type Latching



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