

# SENSOR OPERATED DIRECT URINAL FLUSHVALVES

## INDIVIDUAL URINAL CONTROLS: MATT BLACK

Water savings of over 90% have been achieved

Can help achieve BREEAM Credits\*

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Other RAL colours available

### Domed 50mm Matt Black Sensor

#### High Pressure Kits

##### SBUFC(V2)-M/HP/MB3/1 Bowl Kit

- 1 no. Mains-powered urinal control box
- 1 no. 15mm Plastic 12V solenoid valve
- 1 no. Sensor c/w 50mm black bezel

##### SBUFC(V2)-M/HP/MB3/2 Bowl Kit

- 1 no. Mains-powered urinal control box
- 2 no. 15mm Plastic 12V solenoid valve
- 2 no. Sensor c/w 50mm black bezel

#### Low Pressure Kits

##### SBUFC(V2)-M/LP/MB3/1 Bowl Kit

- 1 no. Mains-powered urinal control box
- 1 no. 15mm 12v (7.1mm) valve
- 1 no. Sensor c/w 50mm black bezel

##### SBUFC(V2)-M/LP/MB3/2 Bowl Kit

- 1 no. Mains-powered urinal control box
- 2 no. 15mm 12v (7.1mm) valve
- 2 no. Sensor c/w 50mm black bezel



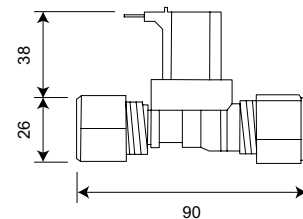
### WRAS approved Solenoid Valves

#### High pressure (HP)

0.5 Bar – 6 Bar

12v nylon pre-wired 15mm 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

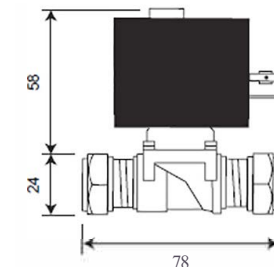
Gross weight ..... 0.215 kg  
Material ..... Nylon  
Seal Material ..... NBR (Nitrile)  
Voltage ..... 12vDC  
Power ..... 3W  
Connection ..... 15mm compression  
Pressure rating ..... 0.5 Bar – 6 Bar  
Operation type ..... Normally closed  
Cable length ..... 3m

#### 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

# SBUFC(v2)—TECHNICAL

All urinal bowls are fitted with an individual presence detector which is recessed into the panel directly above each urinal bowl, and thus only the urinal bowl that has actually been used will get flushed. Flushing will only occur if a person has been constantly detected by the sensor for at least 10 seconds (this is to prevent false triggering if someone just walks down the line of urinal bowls) and the flush happens within a few seconds of that person walking away, out of detection range of the sensor. Optional programmable automatic hygiene flush.

## Not using cisterns and water direct off the mains supply?

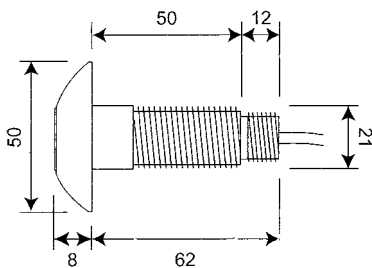
Please ensure you use a suitable backflow prevention device.

## Using cisterns?

If using a cistern you must ensure it is **NOT** fitted with a standard automatic flushing siphon.

## Sensor

Ensure no bright lights (or reflected lights) are shining directly into sensor. If fitting sensor/touchpad through a thick (e.g. brick) wall, we can supply extension threads. Standard pre-wired sensor c/w 3m cable. Longer cable lengths available. *Call to discuss.*



### 50MM MATT BLACK SENSOR

Bezel diameter ..... Ø 50mm  
Overall length ..... 70mm  
Thread length ..... 50mm  
Thread material ..... ABS Plastic  
Pre-wired ..... YES  
Cable length ..... 3m standard

## Extension Thread

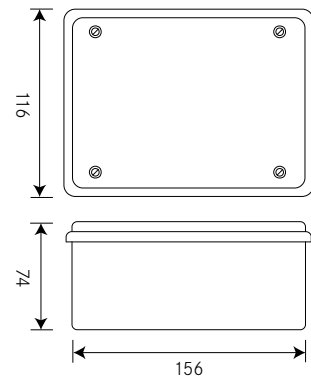
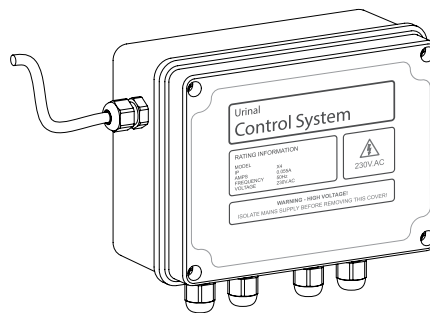
Order Code	For Wall Thickness
Extn100MM	..... up to 100mm
Extn150MM	..... up to 150mm
Extn250MM	..... up to 250mm

## Control Box

Standard urinal control box with adjustable valve open time from 1 seconds to 15 seconds. You need to provide a 3 amp fused spur.

## Optional combined pre-flush and purge facility

The pre-flush opens the valve for 1 second after the first 2 seconds of detection. This helps to prevent splashing by wetting the urinal bowl. After the pre-flush the timing continues. The purge is initiated every 12 hours of non-use on either channel. This helps reduce smells from the urinal during periods of non-use.



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