The Urinal Shop

Electronic Water Control Systems – Flushtronic

Scope of Use / Specification Sheet

The Flushtronic detects the presence of users and automatically controls flushing of single or wide trough urinals for maintenance of hygiene.

Flushtronic Kit

Product Code

Model	Catalogue Number
Surface Mount Wide Stall	7685
Surface Mount Single Stall	7675
Inset Mount Wide Stall	7690
Inset Mount Single Stall	7680

Application

The Flushtronic is ideal for use in schools, universities, airports, night clubs, railway stations, factories, theatres, hospitals, sporting clubs, hotels, and restaurants.

As a user approaches, the infra-red passive sensor triggers a solenoid valve for a half flush to wet the urinal, preventing splash back. Depending on whether other users arrive within a short period of time, the controller activates the appropriate flushing operation in line with optimum use of water, maintenance of hygiene, and suppression of unpleasant odours.

Features and Benefits

- Maintains hygienic conditions
- Saves water by controlling the time, frequency and volume of water used in flushing
- Flushing duration and other parameters are easily set
- Automatically flushes six hours after non-use to ensure compliance with regulations
- Simple plug-in connectors allow easy installation
- Spare parts readily available
- Replaces urinal cistern
- Overhead passive infra-red sensor
- Low power consumption

Description

The single stall Flushtronic may be used with stalls up to 600mm wide. The wide trough Flushtronic may be used with troughs up to 2400mm wide. For wider troughs, two or more systems can be installed.

Flushtronic systems include a Y-strainer which must be installed upstream of the solenoid valve. A flush pipe air gap fitting and integrated programmed controller are also included.
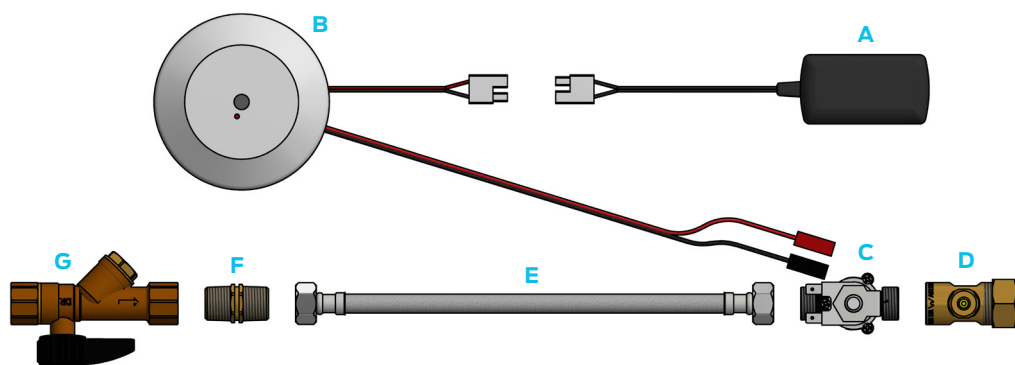
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Materials

Item	Dimensions HxWxD (mm)	Comments
Solenoid Valve	80 x 50 x 30 Lead – 500	Soft Closing
AC/DC Adaptor	75 x 65 x 65 Lead – 3000	240V AC/12V DC 1AMP
Sensor - surface	100 diam. x 30 Lead - 2500	
Sensor - inset	90 diam. ext. / 70 diam. int. x 50 Lead - 2500	
Combination Valve	60 x 50 x 30	DR Brass

Flushtronic Connection Guide

A	Power adaptor
B	Infrared Sensor
C	Solenoid Valve G½ x G½
D	Flushtronic Solenoid Adaptor G½ x DN20 CN
E	300mm Flexible Hose G½ x G½
F	Union Hexagon Nipple R½ X R½
G	Combination Isolating, strainer and non-return valve Rp½ x Rp½

Product Specifications

Water pressure range	50 to 800kPa
Recommended operating pressure	150 to 500kPa
Water control	15mm solenoid valve, normally closed
Sensing	Infra-red sensor, passive

Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500.1.

Inspect for leaks after installing and before concealing.

Standards and Approvals

WATER RATING
www.waterrating.gov.au

1.8 litres per minute

In accordance with AS/NZS 6400
Licence No. 0161

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