SMART SANIFLUSH SENSOR SYSTEM

WATER RATING
www.waterrating.gov.au
The more stars the more water efficient
0.5 litres per flush per stall
In accordance with AS/NZS 6400
Licence No. 0243
BRITEX METAL PRODUCTS CO PTY LTD

WELS REG # U00434

W WaterMark
ATS 5200.030

features and benefits

- The ultimate water saving urinal flusher
- WELS and WaterMark certified
- Eliminates the need for regular cistern
- Microwave sensor penetrates most roof/wall surface materials
- In-built micro controller for greater water conservation
- Suitable for all styles of urinal
- Completely concealed and vandal resistant
- Adjustable sensing range & flush volume
- Mains-powered
- Connects to mains water supply
- Guarantees urinal is flushed after use

about

The *BRITEX Smart Saniflush Sensor System* is the ultimate water saving sensor flushing device for urinals. Incorporating a mains-powered micro controller, the Smart Saniflush leads a new generation of automated flushers that provide optimal levels of water conservation without compromising on hygiene. When paired with a urinal, the microchip activates the flush solenoid only after a predetermined number of users or, after a preset time delay following use; which- ever comes first. This means the Smart Saniflush is especially suited to high traffic urinals where users appear in quick succession, as it won't constantly flush and waste precious water. Fully concealed and vandal-proof, the system can be used for both wall and floor mounted urinals and eliminates the need for a regular cistern.

Additional technical literature for this product can be downloaded from the Britex website.

sample spec. text

BRITEX 'Smart' SaniFlush Sensor System - 5* WELS rating and WaterMark certified. Microwave sensor with micro-controller 'count' operation. Single/Dual solenoid unit supplied with mains-power pack - Product Code FSMX

*RED TEXT may denote a variable where one option only is to be selected, a nominal dimension that needs to be specified, or an optional feature that can be removed if not required. Please refer to the back of this page for additional specification details and options.

VISIT **BRITEX.COM.AU** TO DOWNLOAD BIM FILES, CAD DRAWINGS AND THE MOST CURRENT PRODUCT LITERATURE.

BRITEX
innovating since 1938

MELBOURNE
Britex Place, Mirra Crt
Bundoora VIC 3083
t (03) 9466 9000
e vic@britex.com.au

SYDNEY
16 Northumberland Drv
Taren Point NSW 2229
t (02) 9531 2100
e nsw@britex.com.au

PERTH
Unit 1/8 Principal Link
Malaga WA 6090
t (08) 9249 5464
e wa@britex.com.au

BRISBANE
19 Manilla St
East Brisbane QLD 4169
t (07) 3363 2400
e qld@britex.com.au

ADELAIDE
The Britex Group
SA State Office
t 1300 764 744
e sa@britex.com.au

britex.com.au | info@britex.com.au | **A.B.N** 83 004 309 737
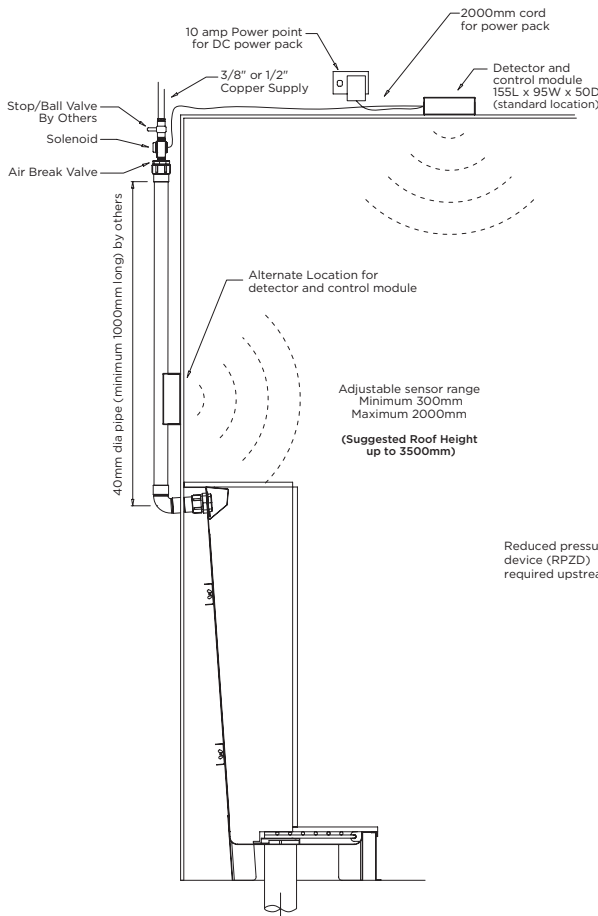
SMART SANIFLUSH SENSOR SYSTEM

PRODUCT CODE

FSM

Britex Smart SaniFlush Sensor Systems are supplied with a Power Pack to supply 24vac, an air break device, a solenoid valve and a Smart Sensor (Microwave Detector) Control Module that will sense through ceiling/wall materials such as plasterboard and tile. The Sensor Module is placed directly above the urinal being flushed or in the rear wall cavity just above the urinal. The Sensor Module must not be installed on top of any metallic material as this will block the sensor.

A power point is required within 2m of where the Sensor Module is to be installed, usually in the ceiling or wall cavity. On the top of the Sensor Module is a yellow LED indicator and two adjustments. One adjustment alters the sensing range of the unit (300mm - 2000mm), the other changes the flush volume delivered. The device should be adjusted on site to provide the minimal water required to adequately flush the urinal surface.

Sufficient water pressure & flow must be available to properly wash the urinal. A 15mm NB copper tube or equivalent should be used to supply the solenoid valve. Ideally, 300kpa should be available at the valve under full flow conditions. A water filter is recommended to prevent debris fouling the solenoid valve.
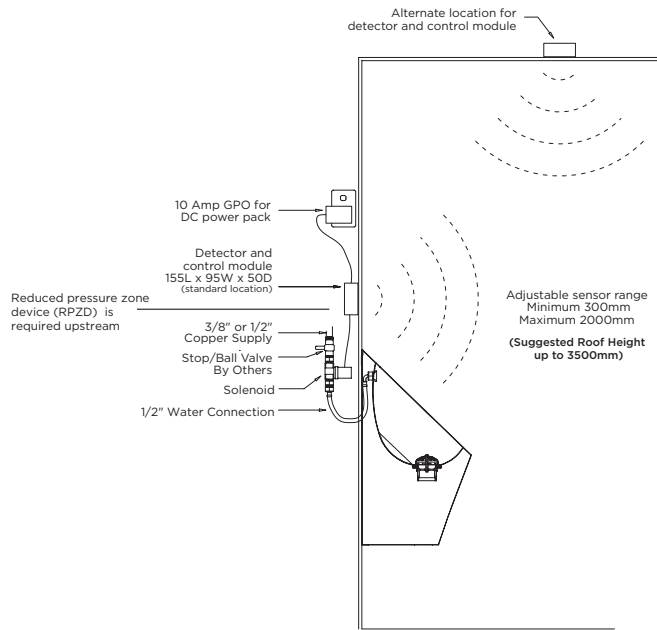
Model Selector

Urinal Length	Model Required
0 - 1800mm	FSM 1
1801 - 3600mm	FSM 2
3601 - longer	Consult Britex

SaniFlush Kit Details

	FSM 1	FSM 2
Sensor Module	1	1
Solenoid Valve	1	2
Air Brake Valve	1	2
In Line Strainer	1	2
24vac Power Supply	1	1
Valve Size	1/2" BSP	1/2" BSP
Supply Required	12mm	12mm

It is recommended that access be provided to the control module and solenoid valve for any future adjustments or necessary servicing requirements.

10 amp Power point for DC power pack
2000mm cord for power pack
3/8" or 1/2" Copper Supply
Detector and control module 155L x 95W x 50D (standard location)
Stop/Ball Valve By Others
Solenoid
Air Break Valve
40mm dia pipe (minimum 1000mm long) by others
Alternate Location for detector and control module
Adjustable sensor range Minimum 300mm Maximum 2000mm
(Suggested Roof Height up to 3500mm)

MODEL FSM Shown on urinal

Alternate location for detector and control module
10 Amp GPO for DC power pack
Detector and control module 155L x 95W x 50D (standard location)
Reduced pressure zone device (RPZD) is required upstream
3/8" or 1/2" Copper Supply
Stop/Ball Valve By Others
Solenoid
1/2" Water Connection
Adjustable sensor range Minimum 300mm Maximum 2000mm
(Suggested Roof Height up to 3500mm)

MODEL FSM Shown on urinette

When specifying this product please include:

(specifying guide)

- Product **Name** and **Code**

(options)

- Multiple Units

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Certified System
Quality
ISO 9001