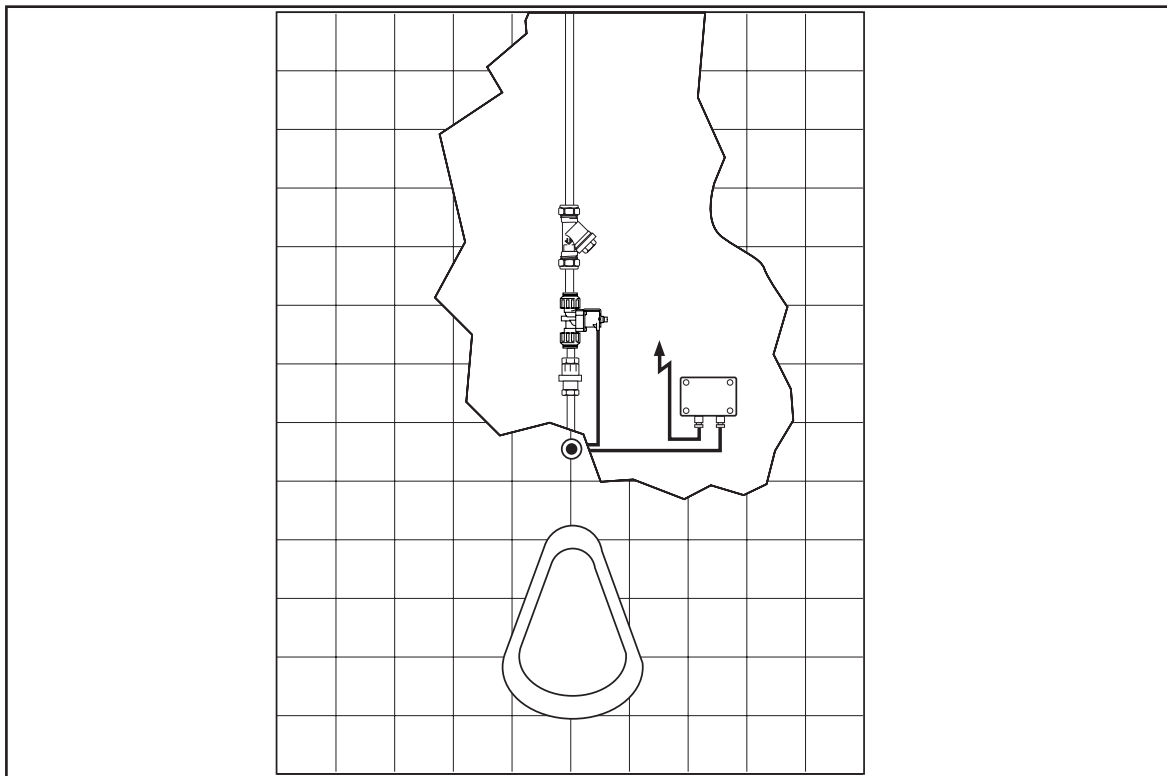


Saracen IR Urinal Controls



A unique range of infra red, electronically controlled panel mount and cross wall mains water urinal controls.

Product Features and Benefits

- Each urinal has its own sensor which gives **better control and saves water** compared to a cistern fed system
- Integrated sensor function includes a **12 hour hygiene flush**.
- **Available as battery or mains/6 volt transformer** powered options.
- **User adjustable** sensor detection range.
- Supplied complete with solenoid, sensor and DC type backflow preventer
- Panel mount and cross wall versions available for **complete freedom of system design**.

Saracen IR Urinal Controls

Description

Saracen IR urinal controls are designed to supply a flush of water to a urinal using a solenoid valve and a type DC backflow preventer to comply with the water fittings and water regulations 1999 requirements on protection against class 5 backsiphonage risks. This configuration allows the installer to connect the solenoid valve feeding the urinal directly to the mains water supply eliminating the need for a separate feed cistern or a separate dedicated water supply. The solenoid valve is activated by breaking the field of an infra red sensor. The field of the sensor must be broken for at least 5 seconds to activate, once the user has moved away for at least 3 seconds the urinal automatically flushes for 5 seconds. If the urinal is not used within a 12 hour period the unit will automatically flush once to maintain hygiene. The sensor can be either battery operated using 6 volt lithium type batteries or supplied with a 6 volt stabilised power supply, in the case of the battery operated version a red LED within the sensor blinks to warn of low power and the flush valve closes. The sensors range can be site adjusted from 200mm to 600mm.

Product Range

Battery Operated

C84195: Saracen IR cross wall urinal controls
C84101: Saracen IR panel mount urinal controls

Mains Maintained

C84196: Saracen IR cross wall urinal controls
D60074: Saracen IR panel mount urinal controls

Materials

Sensor housing

Flange: Std brass nickel plated
Threaded tube: Std brass

Solenoid valve

Body: Glass filled nylon
Colour: Natural white
Seal: Buna
Armature: Stainless steel

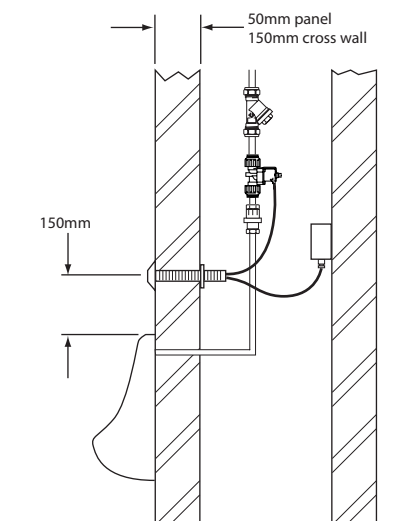
Standards

A European standard is currently being drafted.

Approvals

WRAS approval number:
Solenoid valve - 0007067

Installation



Specifications

Solenoid valve

Minimum operating pressure: 0.5 bar
Maximum operating pressure: 5 bar
Maximum water temperature: 70°C
Flow regulator: 6 lpm

Integrated urinal sensor

Power supply: 6 volts/1300mAh
Consumption: 28µA (typical)-40µA (max)
Adjustable range: 200mm to 600mm
Factory setting: 400mm
Detection angle: 8°
Valve pulse time: 20ms
Length of the supply wire: 800mm
Length of the solenoid wire: 800mm