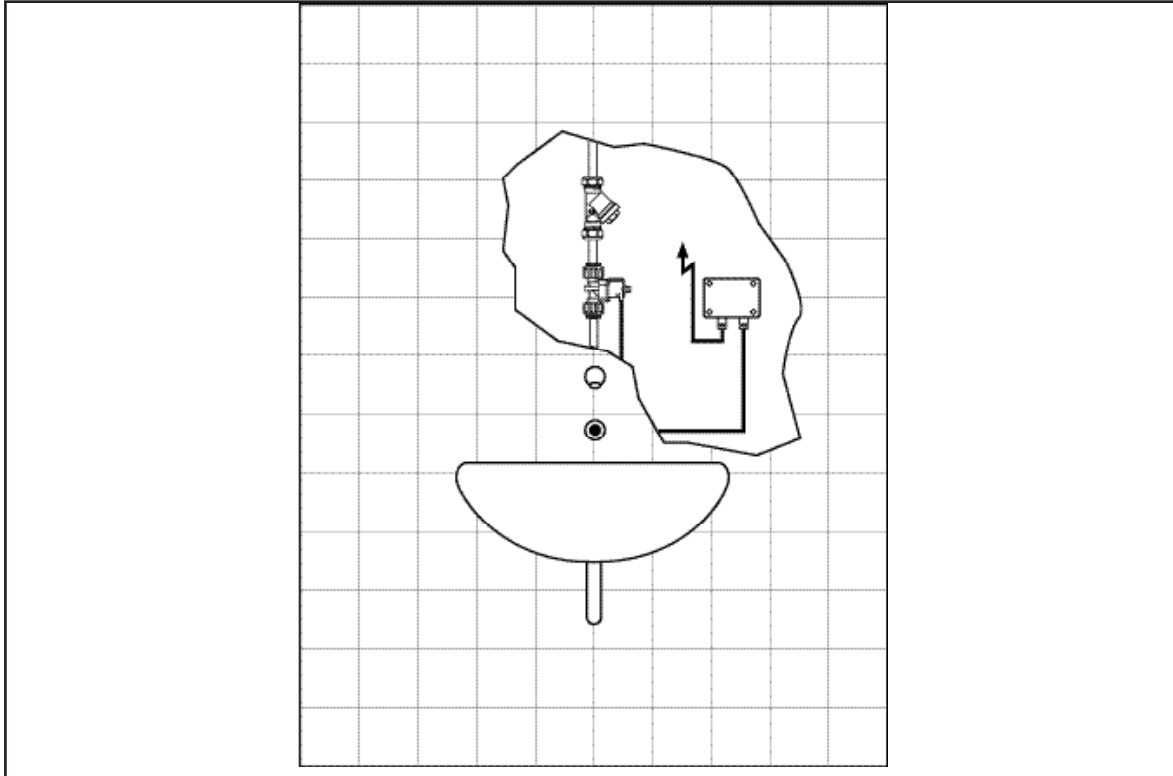


Saracen IR Wall Mounted Basin Control



A unique range of infra red, electronically controlled wall mounted basin controls.

Product Features and Benefits

- Automatic infra red flow control to save water and energy.
- Available as battery or mains/6 volt transformer powered options.
- User adjustable sensor detection range.
- Security lockout feature after 30 secs of continuous running to prevent vandalism and water wastage.
- 6 lpm flow regulator is integral with the wall mounted basin control to give economy and control.
- Panel mount and cross wall versions available for complete freedom of system design.
- Complete with 800mm of cable for connection to the power supply.
- Spout and rosette chrome plated to a high standard.
- All materials are WRAS approved.

Saracen IR Wall Mounted Basin Control

Description

A range of wall and panel mounted basin controls suitable for use in environments such as hospitals, nursing homes, leisure centres etc. where water control and hygiene are of prime concern, the controls are available in panel mount (short threaded brass piece-50mm) or cross wall (long threaded brass piece-180mm) configurations and come complete with wall sensor module with 800mm of cable for connection to the solenoid valve and power supply (both supplied) as well as the wall mounted basin spout itself, also available in panel mount or cross wall configurations. The infra red sensor fitted in the custom designed switch module gets its energy from the power supply pack (either lithium battery or mains/transformer to 6 volt). The sensor sends a microsecond long pulse to the solenoid valve when a presence is detected in the sensors field. Once the presence is no longer detected for 2 secs the solenoid valve will close. The solenoid valve is magnetically latching so only uses very small amounts of energy each time to open and close. The Saracen IR wall mounted basin controls are fabricated from solid brass which is chrome plated to a high standard, the sensors are pre-programmed and the detection field is site adjustable.

Product Range

Battery Operated

C84913: 1/2" Saracen IR cross wall (180mm) mounted spout and sensor

Mains Maintained

C84914: 1/2" Saracen IR cross wall (180mm) mounted spout and sensor

Materials

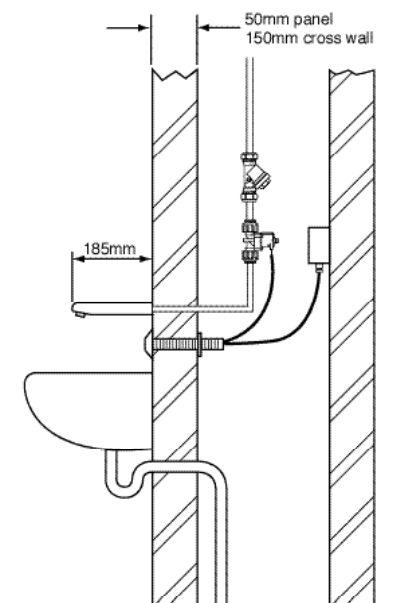
Spout

Body: Standard Brass
Connections: Standard Brass

Solenoid Valve

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

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 washhands sensor

Power supply: 6 volts/1300mAh
Consumption: 28µA (typical)-40µA (max)
Adjustable range: 50mm to 250mm
Factory setting: 120mm
Detection angle: 8°
Convenience delay: 2 secs
Security delay: 30 secs
Valve pulse time: 20ms
Length of the supply wire: 800mm
Length of the solenoid wire: 800mm