

Recessed Hand Rinse

PRODUCT CODE

247

November 2006

Special Features

- ▲ HYGIENIC AND VANDAL RESISTANT
- ▲ NO GAPS OR CREVICES FOR CONCEALMENT OF CONTRABAND
- ▲ ANTI-LIGATURE DESIGN
- ▲ SPACE SAVING FULLY RECESSED INSTALLATION

Description

The recessed hand rinse is extremely resistant to impact damage and vandalism. Designed to offer no potential ligature points, the hand rinse has no crevices where contraband can be concealed. Suitable for recessed wall mounting in secure locations with concealed duct services only. The hand rinse outlet trap should be installed within the service duct.

Construction

The recessed hand rinse is manufactured from grade 304 stainless steel, with a 2.0 mm thick face plate and 1.6 mm thick basin/receptacle continuously welded into position. The edges of the face plate are chamfered externally to ensure there are no sharp edges or possible ligature points.

Each recessed hand rinse is factory fitted with either a push button or infra red controlled timed flow valve and spray nozzle and is supplied with a waste outlet connection together with four M12 x 150 mm long bolts to suit walls up to 118 mm thick. As an option for walls up to 268 mm thick, M12 x 300 mm long bolts can be provided.

Operation

The water outlet has a flush mounted vandal resistant spray nozzle which provides a concentrated spray and is activated by a valve.

Hand operated flush mounted push button activates a timed flow valve which has a flow duration of approximately 20 seconds.

Sensor operation provides non-touch control of water outlet. The water flow is activated for a pre-set time by the user's hands passing over the sensor.

Options

- ▲ M12 x 300 mm long bolts (for 119 - 268 mm thick walls).
- ▲ Thermostatic mixing valve.



Technical Specification: Recessed Hand Rinse

Operation

Hand operated flush mounted timed flow push button valve suitable for either a cold or temperature controlled warm water supply. The valve automatically terminates the flow of water after approximately 20 seconds.

Sensor operation provides non-touch control of water outlet. The water flow is activated by the user's hands passing over the sensor mounted into the face plate of the recessed hand rinse. Flow of water runs for a pre-set time or can be terminated by the user passing their hand back over the sensor. The pre-set run time is site adjustable from 1 second to 15 minutes. The sensor operated recessed hand rinse is supplied with a 240VAC/6VDC power supply unit for remote siting.

Fittings

The recessed hand rinse is supplied fully assembled with the following fittings: Water inlet connection that incorporates a compression fitting to suit a 15 mm diameter pipe.

Flush mounted vandal resistant spray nozzle.

Waste Outlet

The recessed hand rinse is supplied as standard with a 32 mm (1¼ in) BSP threaded male nipple, welded into the basin/receptacle and suitable for connection to waste pipework. The waste should be connected to a suitable trap within the service duct.

Fixings

The recessed hand rinse is supplied with four M12 x 150 mm long bolts to suit walls up to 118 mm thick. Optional M12 x 300 mm long bolts can be supplied, for walls up to 268 mm thick. All fixings are fully concealed.

Water Supply and Pressure

A cold or temperature controlled warm water supply is required for the recessed hand rinse. For satisfactory operation a minimum water pressure of 0.5 bar g. is required. For water pressures in excess of 8.0 bar g. a flow control or pressure reducing valve must be fitted.

Product Code Selection for Order or Quotation

1. Base Product Code

☐ 247-recessed hand rinse

2. Operation

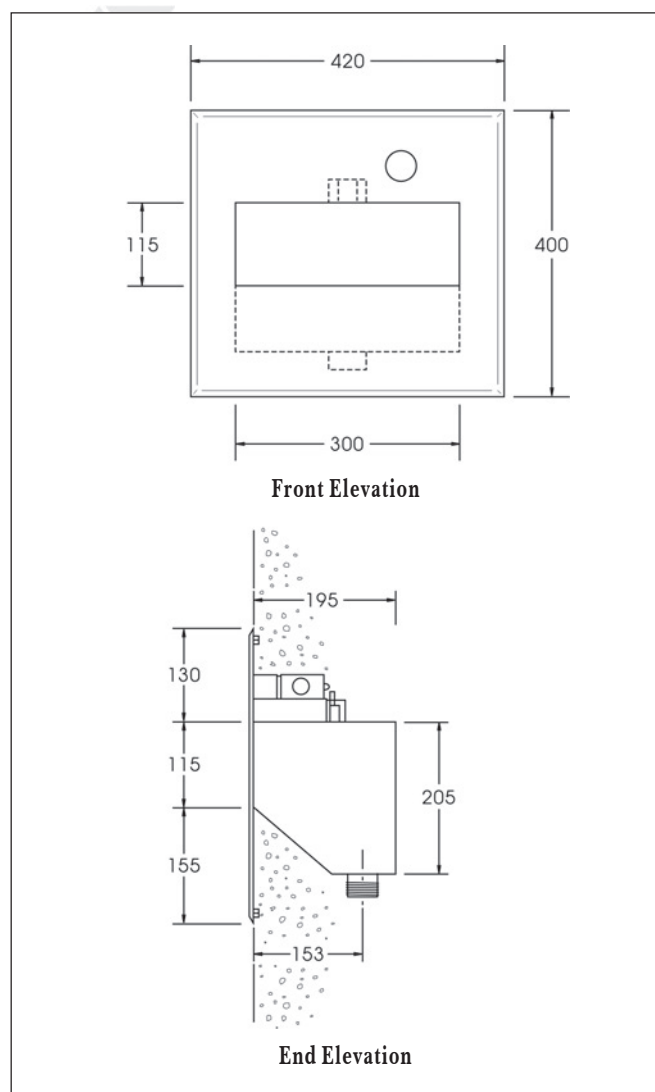
☐ H-hand

☐ SO-sensor

3. Options

☐ S300-M12 x 300 mm long bolts (for 119 - 268 mm thick walls)

☐ TMV-thermostatic mixing valve



Wall fixing detail

