

RADA LIGATURE RESISTANT HEAD  

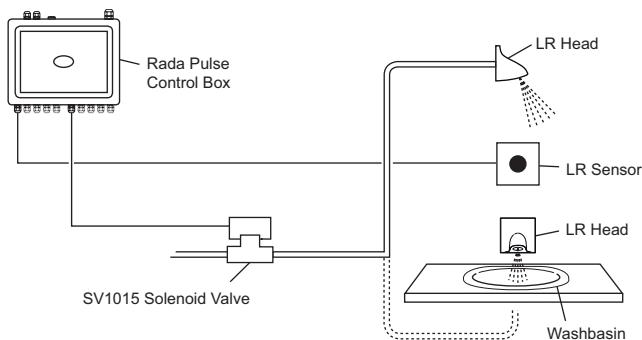
- Ideal for prisons and secure psychiatric facilities
- Designed to be recessed or built within the wall surface

LR Head

- Vandal resistant, ligature resistant, suitable for showering or as a short projection basin spout
- Fitted with an 8 l/min spray cartridge providing consistent, efficient shower performance
- 5 l/min flow straightener supplied for basin use
- 1/2" BSP connection
- For use with the Rada LR operating system and the Rada Pulse Control Box System



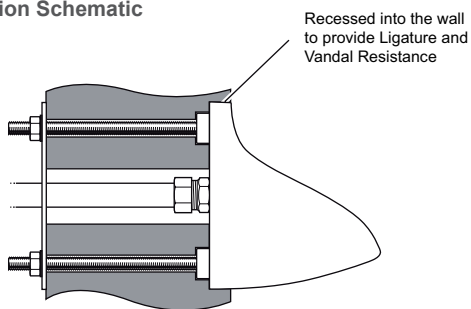
Operation Schematic



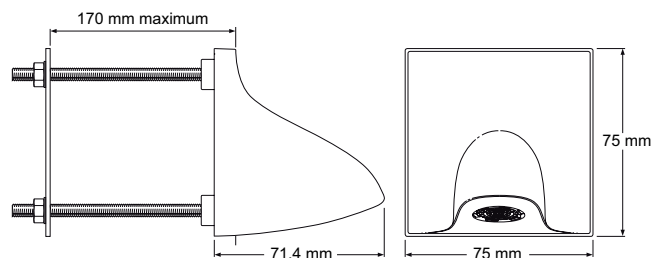
Specify as: Rada LR Head (2.1640.001)

Ligature resistant showerhead / short projection basin spout for connection to concealed pipework. Fitted with an 8 l/min spray cartridge, with a 5.0 l/min flow straightener supplied for basin use.

Installation Schematic



Dimensions (mm)



Note! Rear access is required for the installation of this product.

TECHNICAL SPECIFICATION

Installation and Maintenance

Please refer to the appropriate Product Manual.

For details of the LR Sensor, LR Operating System and Rada Pulse Control Box, refer to the applicable datasheet. Each Rada Pulse Control Box will accommodate a maximum of 10 operating systems.

Approvals

WRAS Approved (Water Regulations Advisory Scheme)
 Designed, manufactured and supported in accordance with accredited BS EN ISO 9001:2008 Quality Management Systems and BS EN ISO 14001:2004 Environmental Management Systems.
 Features on DEFRA's Water Technology list.

Operation

When used with the Rada Pulse Control Box, the sensor is activated, a signal is sent to the Rada Pulse Control Box, which in turn energises the solenoid valve.

The solenoid valve opens - allowing water to flow through the outlet. The duration of the flow for each outlet can be individually preset, via the Rada Pulse Control Box, ensuring optimum saving of water and energy.

The sensor may be used to switch off the supply before the pre-set time.

Materials

Showerhead: Brass, polished chrome finish.
 Spray Cartridge: Engineering plastic.
All screws in contact with water are stainless steel.

Temperature Range

Designed to accept water supplied between 5°C and 90°C.

Pressure Range

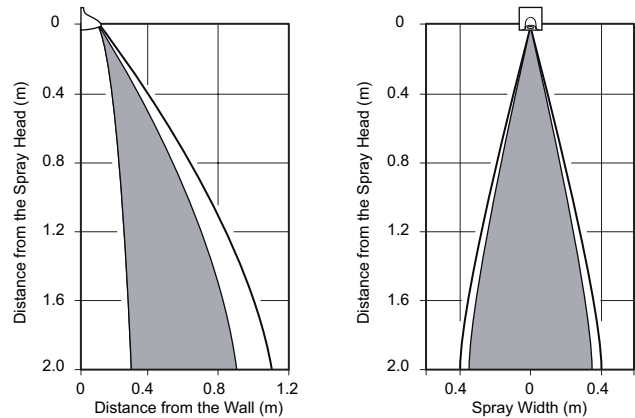
Showerhead: Recommended minimum maintained pressure at the inlet of the fitting: 0.5 bar. Maximum maintained pressure at the inlet of the fitting: 5.0 bar.

Spray Performance

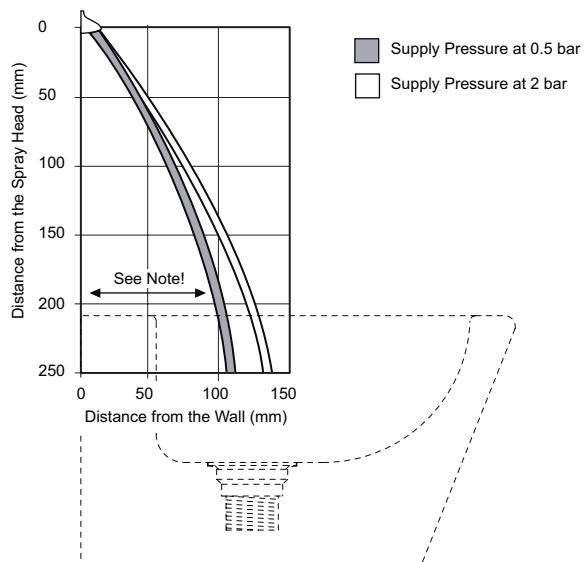
Minimum flow rate necessary to achieve a fully formed spray pattern: 6 litres/min.

Spray Patterns at Typical Installed Heights

Shower



Basin Spout



Note! The basin spout is designed for secure areas and is suitable where projection between the wall and the basin is kept to a minimum. Consideration must be given to the basin dimensions and positioning in relation to the spout spray projection, allowing for a minimum of 40 mm clearance over the rim of the basin.