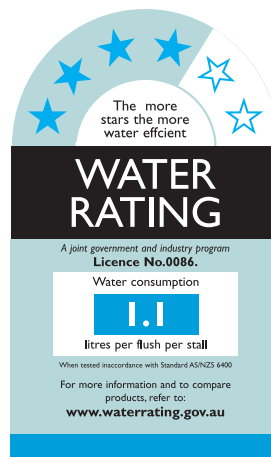


zenith<sup>o</sup>

# Zenith FlushMaster<sup>®</sup> Solo

Water Saving Urinal Flushing Systems

Single Urinal Installation



## Features

The world's most effective urinal flushing system

4 Star WELS rated, 1.1L per flush

Ideal for single wall mounted discrete urinals

Smart Demand electronic programming allows for a variable flush cycle

Ceiling recessed narrow beam sensor

5 second sensor delay to avoid accidental tripping

Narrow sensitivity beam protects against unwanted flushing operations.

Can be retrofitted to existing FlushMaster installations

**Backed by the Zenith nationwide service network**

See installation instructions for warranty details.

Zenith Spec Sheets Update: 010608



**Features**

- One of the world's most effective ceiling recessed urinal flushing systems.
- Narrow beam, infrared sensor.
- 4 star WELS water rated, 1.1L per flush.
- Pays for itself in water savings.
- Smart Demand electronic programming allows for a variable flush cycle.
- Narrow sensitivity beam protects against unwanted flushing operations.

**Technical Details**

Type of sensor: Infrared.  
 Coverage: Covers single urinal with a narrow (300mm wide) beam.  
 Must stand under beam for 5 seconds to detect user. Prevents accidental tripping.  
 Operation: Smart logic to avoid nuisance tripping so there is no wastage through accidental flushing.  
 Flushing cycle: Can be set from 1 to 9 seconds with an automatic janitor flush every twelve hours when the urinal is not in use.  
 Operating pressure: 100 to 700kPa  
 Housing: Solo Sensor - Plastic housing.  
 Exposed face on ceiling = ø80mm Cut mounting hole size on ceiling = ø64mm  
 Latching valve: 6 volt.  
 Power: 240 volt mains powered.

**Mandatory Extra**

Airbreak for Direct Injection: Must be installed to recommended heights to properly prevent back-flow. Facilitates conversion of existing flushing systems.

**Installation**

**Positioning of ceiling sensor:** Position the centre of the ceiling sensor between 315 mm – 424 mm from the urinal wall. Typical sensor coverage from a 2400 mm ceiling will be less than 300 mm in front of the urinal. This is important to avoid false activation of the flushing program.

**Sensor installation:** Cut a 64 mm diameter hole in the ceiling and use the inbuilt clips to fasten the sensor housing in place when inserted into the hole. If any of the cable connecting the sensor to the latching valve is visible, shield it with conduit.

**Electrical**

To be connected to a 10amp GPO 220V - 240V AC power supply.

Note: Instruction to set flush time and delay time detailed in installation manual.

**Note**  
To be installed by a qualified tradesperson in accordance with manufacturer's instructions and AS/NZS 3500 plumbing and AS/NZS 3350 wiring regulations.

**Warning**  
Do not connect the power until all plumbing connections are completed. The power must be connected last as connection activates the system test mode.

**Technical Advice**  
Contact Zenith Heaters Limited on **0800 558 055**.

**Accessories**  
 99024NZ - Direct injection airbreak 1.00 inch BSP/25 mm  
 99025NZ - Direct injection airbreak 1.25 inch BSP/32 mm  
 99026NZ - Direct injection airbreak 1.50 inch BSP/38

Product Details	Order code	Sensor	Ceiling Mount size mm	Power
FlushMaster Pearl Solo WS005	42214NZ	Ceiling	ø64	Mains

