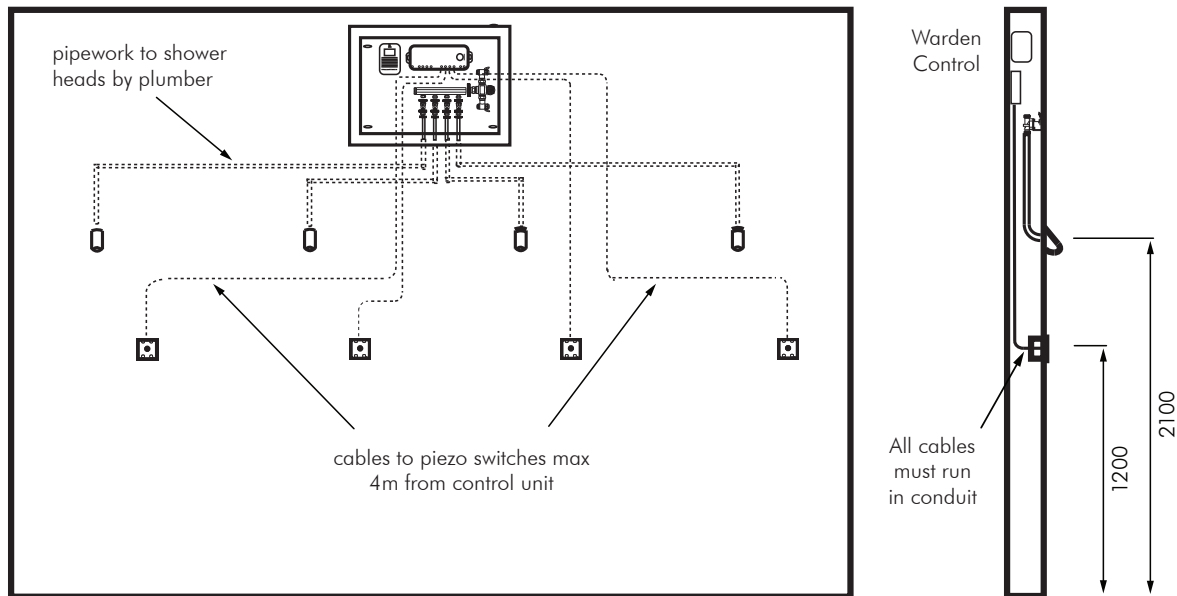


## WARDEN 4 - WA-SH-PP PRE-PLUMBED ELECTRONIC SHOWER



### DESCRIPTION

Warden 4 shower control system offers a secure method of controlling shower use, limiting shower run times and providing a short lockout time after use.

Warden 4 Model WA-SH-PP is a pre-plumbed module designed for convenient installation in wall cavities or ceiling spaces in commercial buildings. It includes the Warden 4 controller and transformer, a TMV3 approved thermostatic mixer, brass manifold, piezo switches mounted on etched stainless steel plates, and the appropriate number of solenoid valves to suit the model specified. All wiring looms to switch plates (max 4m from control unit) and solenoids are included.

### INSTALLATION

**Operating Pressure:** 200 - 500kPa.  
**HW Temperature:** 55-65°C.  
**Power:** 230V 10A supply socket  
**Connections:** 1/2" BSP.  
**Flow rate:** 6L/min when using Delabie shower head (WELS 3 Star).

Warden 4 pre-plumbed units mount into a 600 centred stud wall of at least 94mm depth. The frame supplied

will set the mounting position to allow clearance within a standard timber framed wall. Access to the frame should be provided via a proprietary access panel, we recommend Model CO550MFL 550 x 550 metal panel with flange and lock. A 230V 10A supply socket should be mounted in an accessible position within the wall cavity. The builder should allow to install Clipsal 164/2 metal flush boxes at the appropriate height (mount horizontally with fixings top and bottom) in each shower cubicle to allow the peizo switch plate mounting and should run 3/4" conduit from the Warden 4 pre-plumbed unit to each switch box. Conduit should only be installed using swept bends, never elbows.

Warden 4 offers a range of run times (1 - 6 min) and dead times (5 sec - 4 min) that will suit most application. These can be set on site to suit the clients needs - refer to installation instructions for further details.

### MODELS

**WA-SH2-PP** - Pre-assembled panel for 2 showers.  
**WA-SH3-PP** - Pre-assembled panel for 3 showers.  
**WA-SH4-PP** - Pre-assembled panel for 4 showers.