

# PIN - HANDSHOWER ON RAIL

## WATER EFFICIENT TAPWARE

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important

- \* The wall elbow (3) is fitted with a single flow regulated check valve (4). Additional backflow prevention may be required if installing over a bath or other receptacle.  
**Note:** Warranty is void if check valve (4) is not installed as shown.
- \* Not suitable for gravity feed systems.
- \* The flow of water to the handshower is regulated. This lower flow rate may not be suitable for connection to some gravity fed Water Heaters, low pressure supply networks, Instantaneous Water Heaters, Tempering Valves, Solar Water Heaters & Thermostatic Mixing Valves. Check with the manufacturers of these products.
- \* All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- \* **SHOWER RAIL(10) MUST NOT BE USED AS A GRAB RAIL.**
- \* Drilled holes for attachment of shower rail must be vertical and the distance between them must be accurate to ensure correct fit when rail (10) is installed.

#### Installation

- 1) Check that threaded nipple (1) is the correct length as shown. Cut to length if required ensuring end face is square. Apply thread tape to the thread.  
**Important :** Care must be taken that thread tape cannot become dislodged and block the flow regulating device, causing a reduction in water flow.
- 2) Fit seal (2) into groove in base of wall elbow (3). Screw wall elbow (3) onto threaded nipple (1) and position so that the hose (9) will hang vertically down. **DO NOT OVERTIGHTEN.**
- 3) Determine a position for the shower rail assembly ensuring it is at a suitable height for the user.
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
  - i) Drill holes 6.00mm diameter, 40mm deep.
  - ii) Insert tapered end of wall plug (16) into drilled hole and tap until flush with surface.
- 5) **CAVITY WALLS:-** (Villaboard/tile etc)
  - i) Drill holes 6.00mm diameter.
  - ii) Insert tapered end of wall plug (16) into drilled hole and tap until flush with surface.

**HANDSHOWER - THREE FUNCTIONS**  
 SPRAY (OUTER HOLES)  
 MASSAGE + SPRAY (INNER + OUTER HOLES)  
 MASSAGE (INNER HOLES)

Press button to select function

- 5) Assemble soap dish (12) and slider bracket (11) onto shower rail (10) as shown. Carefully remove the covers (13) from mounting bases (15). Assemble the mounting bases into each end of the rail (10), taking care that the key on the bottom base aligns with the slot in the rail, as shown. Attach the rail assembly to the wall using screws (14) and tighten. Replace covers (13).
- 6) Ensure that check valve (4) & 'O' Ring (5) are in position in wall elbow (3). Screw conical fitting (6) of shower hose (9) onto wall elbow (3) and tighten. Screw remaining conical fitting (8) onto handshower (7) and tighten. Fit handshower (7) into slider bracket (11). Handshower holder inclination angle is adjustable by friction device.  
**Important:** If water does not flow from handshower (7) make sure that check valve (4) is installed with the arrow pointing in the direction of flow.  
**Note:** Height of shower can be adjusted by rotating the knob on shower bracket (11) anti-clockwise to loosen then sliding the shower bracket up or down before retightening the knob.

<b>IMPORTANT</b>	
<b>Pressure &amp; Temperature Requirements.</b>	
•	Hot and cold water inlet pressures should be equal.
•	Static inlet pressure range : 150 -1000 kPa New Regulation:- 500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
•	Maximum hot water temperature : 80°C.

