

**PLUMBERS INSTALLATION INSTRUCTIONS**

**Important**

- \* Wall elbow (4) is fitted with a flow regulated check valve.  
**Note:** Warranty is void if check valve (5) & flow regulated check valve (6) are not installed as shown.
- \* Not suitable for gravity feed systems.
- \* 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(14) MUST NOT BE USED AS A GRAB RAIL.
- \* Drilled holes for attachment of shower rail must be in vertical alignment and the distance between them must be accurate to ensure correct fit when rail (14) 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) Ensure 'O'ring (3) is fitted to base of wall elbow (4). Place dress ring (2) over the threaded nipple (1). Screw the wall elbow (4) onto the threaded nipple ensuring it engages with the dress ring (2) before tightening. Position as required. 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 7.00mm diameter, 40mm deep.
  - ii) Insert tapered end of wall plug (18) into drilled hole and tap until flush with surface.
- CAVITY WALLS:-** (Villaboard/tile etc)
  - i) Drill holes 7.00mm diameter.
  - ii) Insert tapered end of wall plug (18) into drilled hole and tap until flush with surface.

<b>IMPORTANT</b>	
<b><u>Pressure &amp; Temperature Requirements.</u></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 3500.1-2003, Clause 3.3.4)
•	Maximum hot water temperature : 80°C.

- 5) Pass one screw (16) through the hole in each spigot (17) as shown, assemble screw into wall plug (18) and tighten until spigot (17) is mounted securely against the wall/tile face. Remove screws (19) from rail bases (15). Engage rail bases (15) onto installed spigots (17) and while holding the rail assembly against the wall/tile face, insert screws (19) into bases (15) and tighten securely using 2mm allen key (20).  
**Note:-** If centre distance between the installed spigots (17) is not accurate, the locking screw inside the base (15) can be loosened using a 2.5mm allen key to allow the centre distance between the bases to be adjusted slightly before tightening the screw.
- 6) Ensure that check valve (5), flow regulated check valve (6) & 'O'Ring (7) are in position in wall elbow (4). Check that sealing washer (8) is fitted inside the hexagon fitting of the shower hose (9), then screw the hexagon fitting onto the wall elbow (4) and tighten. Check that sealing washer (11) is in position in the conical nut (10) of shower hose (9), then screw onto handshower (12) and tighten. Fit handshower (12) into shower bracket (13).  
**Important:** If water does not flow from handshower (12) make sure that check valves (5 & 6) are installed with the arrows pointing in the direction of flow.  
**Note :** Height of shower can be adjusted by loosening knob (13) and sliding shower bracket up or down.

