

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Hand Shower (11) is fitted with flow regulator (10). 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. Note: Warranty is void if flow regulator (10) is 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(13) 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 (13) 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) until the seal (2) is tight against wall/tile face and position so that the hose (5) 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 hole 8.00mm diameter, 45mm deep.
 - ii) Insert round end of wall plugs (19) into drilled holes and tap until flush with surface.

CAVITY WALLS:- (Villaboard/tile etc)

- i) Drill hole 8.00mm diameter.
- ii) Insert round end of wall plugs (19) into drilled holes and tap until flush with surface.

IMPORTANT	
Pressure & Temperature Requirements.	
• Hot and cold water inlet pressures should be equal.	
• Static inlet static pressure range : 150 -1000 kPa New Regulation :-500 kPa maximum operating pressure at any outlet within a building.(Ref. AS/NZS 3500.1)	
• Maximum hot water temperature : 70°C.	
Installation Requirements.	
• The installing plumber is responsible for waterproofing all penetrations for Taps in Shower areas at installation by a proprietary flange system or a sealant.(Ref AS3740)	

- 5) Pass one screw (17) through hole in one rail base (18) before inserting screw into top wall plug (19) and tighten screw (17) until rail base (18) is mounted securely against the wall/tile face. Slide rail (13) into hole in top rail base until it is higher than the bottom wall plug (19). Pass the other screw (17) through hole in the other rail base (18) before inserting screw into bottom wall plug (19) and tighten screw (17) until rail base (18) is mounted securely against the wall/tile face. Slide down rail (13) into hole in bottom rail base (18) to suitable position as shown in **Fig. 1**. Fit washers (16) with cutout side into holes in rail base (18) until they contact rail surface. Screw nuts (15) into rail base (18) and tighten until washers (16) firmly against rail surface. DO NOT OVERTIGHTEN. Align rib in cap (14) with cutout in rail base (18) and fit caps (14) into rail bases (18).
- 6) Ensure the check valves (5) and strainer (4) are fitted into housing (6), check that rubber washer (7) is installed into the shorter conical fitting (8a) of shower hose (8) then screw onto thread end of check valve housing (6) and tighten. Ensure washer (9) is fitted into the longer conical end (8b) of shower hose (8), then screw onto handshower (11) and tighten. Fit handshower (11) into holder (12b).
Note: Spray pattern can be adjusted by turning head of handset (11). Height of hand shower (11) can be adjusted by loosening lever (12a) on holder and sliding the holder up or down.

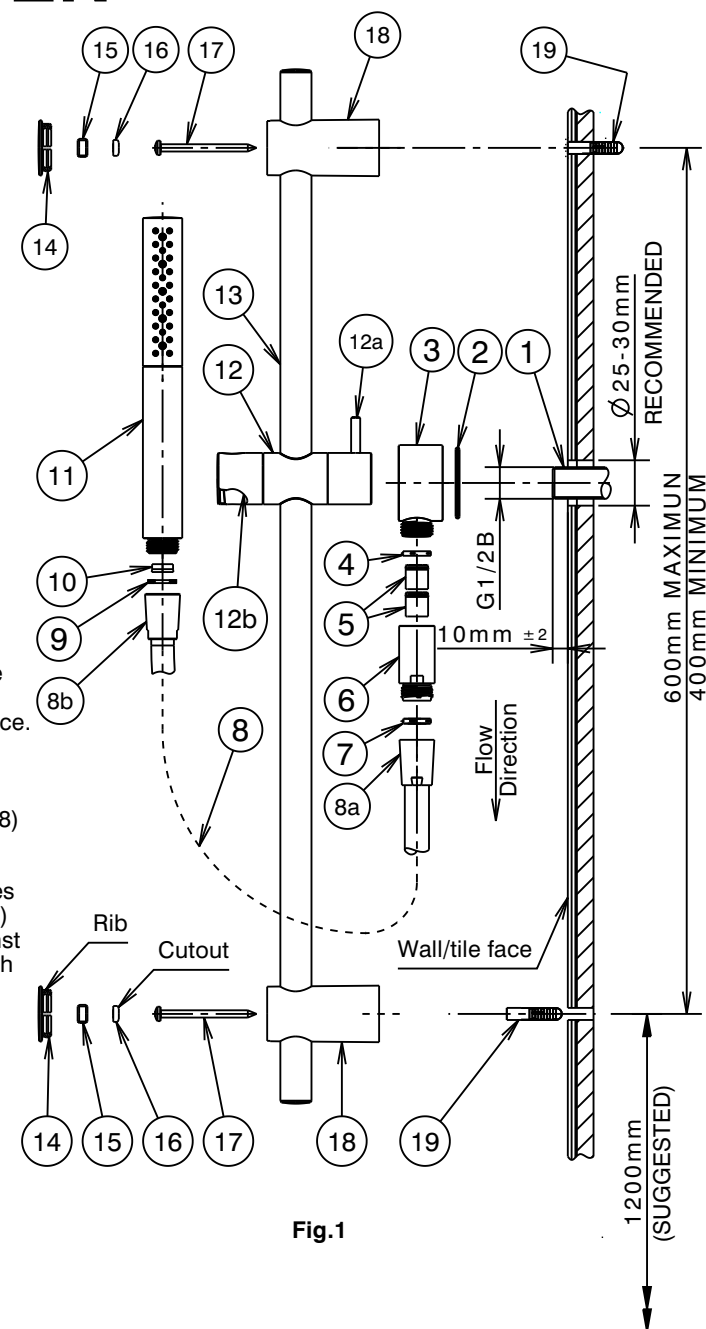


Fig.1