

METHVEN MAKU RAIL SHOWER

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * For unequal & low pressure installations (below 150kPa) remove the flow regulator (2).
- * 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(11) 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 (11) is installed.**

Installation

- 1) Check that threaded nipple (17) 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 the 'O'ring (16) is fitted in the groove behind the wall elbow (14), then screw wall elbow (14) onto threaded nipple (17) and position so that the hose (13) 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 2 holes 8.00mm diameter, 50mm deep.
- ii) Insert small end of wall plugs (10) into drilled holes and tap until flush with surface.

CAVITY WALLS:- (Villaboard/tile etc)

- i) Drill hole 8.00mm diameter.
- ii) Insert small end of wall plug (8) into drilled hole and tap until flush with surface.

- 5) Remove the caps (5) along with retaining screw (6) and washer (7) from the mounting bases (9) then insert screws (6) through the front of mounting bases (9). Insert the screw ends into the wall plugs (10) installed. Insert the shower rail into the vertical holes of mounting bases (9) and correct their orientation, remove the rail and tighten the screws (8).

IMPORTANT	
- 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 : 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)	

- 6) Insert the top end of rail (11) up through bottom mounting base (9). Slide handshower slider (12) onto rail (11), with the holder lever positioned to be on the left or right of the shower rail as desired, then continue to insert the rail (11) up through the top mounting base (9). While holding the rail (11) in the position as shown, screw nuts (6) together with washers (7) into the mounting bases (9) and tighten to secure the rail(11) in position. Fit caps (5).
- 7) Check that rubber washer (15) is installed into the shorter conical fitting (18) of shower hose (13) then screw onto the thread of wall elbow (14) and tighten. Ensure flow regulator (2) are installed in hand shower (1) (mains pressure installations only) and strainer washer (3) is in position in the longer conical fitting (4) of shower hose (13) then screw onto hand shower (1) and tighten. Fit hand shower (1) into holder (12).

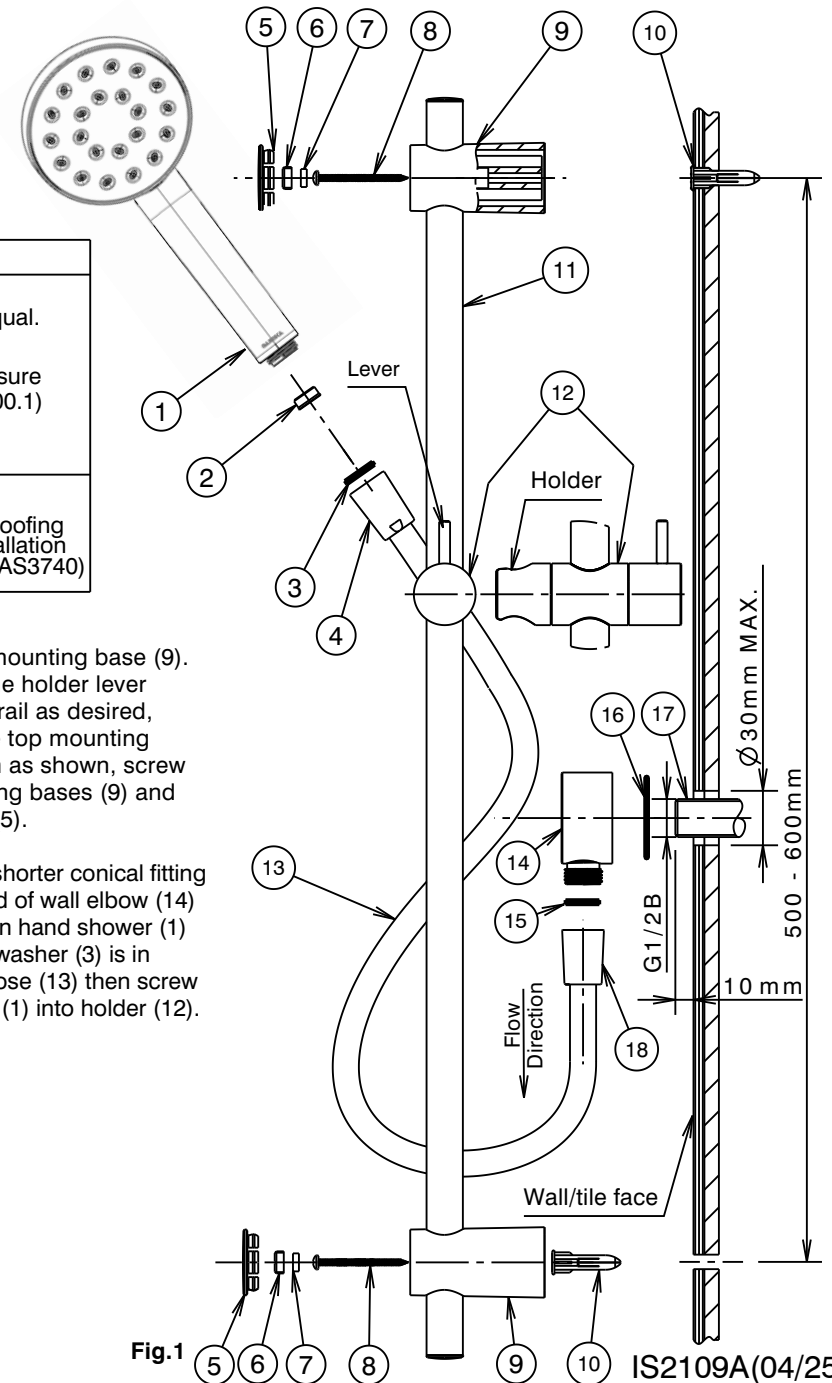


Fig.1

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