

ILLUSION - 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(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 (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 (10) 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.

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)
MESSAGE + SPRAY	(INNER + OUTER HOLES)
MESSAGE	(INNER HOLES)

- 5) Assemble soap dish (12) and slider bracket (9) onto shower rail (11) as shown. Carefully remove caps (13) from mounting bases (15 & 19) then attach bottom mounting base (15) to the wall using the shorter screw (14), and tighten. Insert the rail (11) into the bottom base (15), making sure that the slot in the rail has engaged with the web inside the base. Slide the top mounting base (19) over the rail (11) then insert the shower holder (18) into the rail, ensuring the key on the holder (18) has engaged with the slot in the back of the rail (11) and hole (a) aligns with hole (b). Slide the top mounting base (19) up the rail (11) until the hole in the base (19) also aligns with hole (b) then insert the longer screw (17) and tighten the assembly to the wall. Replace caps (13).
 - 6) Ensure that check valve (4) & 'O'Ring (5) are in position in wall elbow (3). Screw conical fitting (6) of shower hose (10) onto wall elbow (3) and tighten. Screw remaining conical fitting (8) onto handshower (7) and tighten. When adjustment to shower height is required, the handshower (7) can be placed into the slider bracket (9). Handshower inclination angle is adjustable by friction device. Alternatively, for fixed shower application, the handshower (7) can be inserted into the overhead holder (18). **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 depressing the button and moving the slider bracket (9) up or down.

IMPORTANT

Pressure & Temperature Requirements.

- 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.

