BLISS - OVERHEAD & HAND SHOWER ON RAIL

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important

* **Shower rail adaptor (19) is fitted with a flow regulated check valve (20). Shower head (9) is fitted with a flow regulator (8). Hand shower (10) is fitted with a check valve (12). Note: Warranty is void if check valve (12), flow regulator (8) and flow regulated check valve (20) are not installed as shown.**
* **Not suitable for gravity feed systems.**
* **The flow of water to each shower 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 (16) MUST NOT BE USED AS A GRAB RAIL.**
* **Centre of drilled hole for attachment of shower rail bracket (18) must be vertically in alignment with the centre of the threaded nipple (2).**

Installation (Fig.1)

1) Check that threaded nipple (2) is the correct length as shown. Accurately 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) Place retaining ring (1) over threaded nipple (2) ensuring larger flat face is against the wall surface. Screw adaptor (3) onto threaded nipple (2) with 'O'ring facing you & tighten firmly against the retaining ring (1). DO NOT OVERTIGHTEN. **Note:** Threaded nipple (2) must not protrude from adaptor (3) after it is tightened. Apply a smear of grease to the 'O'Ring to assist with assembly.

3) Mark the position for the shower rail mounting base (18) at a suitable distance from the threaded nipple (2).(Fig 1.)

4) **SOLID WALLS:-** (Brick, mansory blocks,concrete etc)

i) Drill hole 8.00mm diameter, 60mm deep.

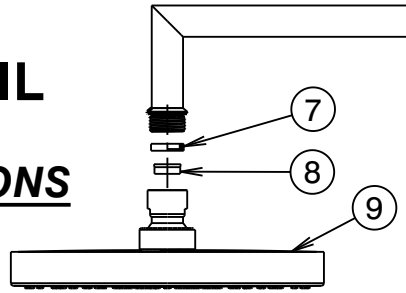
ii) Insert small end of wall plug (29) into drilled hole and tap until flush with surface.

CAVITY WALLS:- (Villaboard/tile etc)

i) Drill hole 8.00mm diameter.

ii) Insert small end of wall plug (29) into drilled hole and tap until flush with surface.

5) Loosen screw (25) using a 2mm allen key (24) & remove mounting components from bracket (18). Pass the screw (26) through the hole in the spigot (27) & base (28) as shown. Assemble screw (26) into wall plug (29) & tighten until base (28) is mounted securely against the wall/tile face.



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℃.

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) Ensure that flow regulated check valve (20) & 'O'ring (21) are installed into adaptor (19) of shower rail (16) then fit rail assembly onto wall as follows:-
i) Locate bracket (18) on installed spigot (27) then position inlet fitting of diverter (11) onto sealing face of adaptor (3).
ii) Screw coupling nut (4) onto retaining ring (1) and tighten using a 38mm A/F (1/1/2") spanner.
iii) Push bracket (18) against mounting base (28) and tighten screw (25) using a 2mm allen key (24).
iv) Slide the cover (5) up to the wall/tile face.

7) Ensure the sealing washers (22 & 13)) are in position in the nuts (23 & 14) of the shower hose (17) then connect the long nut (23) to the adaptor (19) of the rail (16) and tighten. Connect the remaining end of shower hose (with short nut (14)) to the hand shower (10) & tighten. Fit hand shower (10) into shower bracket (15). **Important**: If water does not flow from handshower (10) make sure that check valves (12 & 20) are installed with the arrows pointing in the direction of flow.
Note : Height of hand shower can be adjusted by pressing button and sliding shower bracket (15) up or down on rail (16).

8) Ensure flow regulator (8) and seal (7) are in position in shower head (9). Carefully screw shower head (9) onto thread of shower arm (6) using a 20mm A/F spanner & tighten.
Note: To deliver water to shower head (9), indicator on diverter knob must be pointing in the **vertically up** position (as shown). To deliver water to the hand shower (10), the indicator must be pointing in the **vertically down** position.

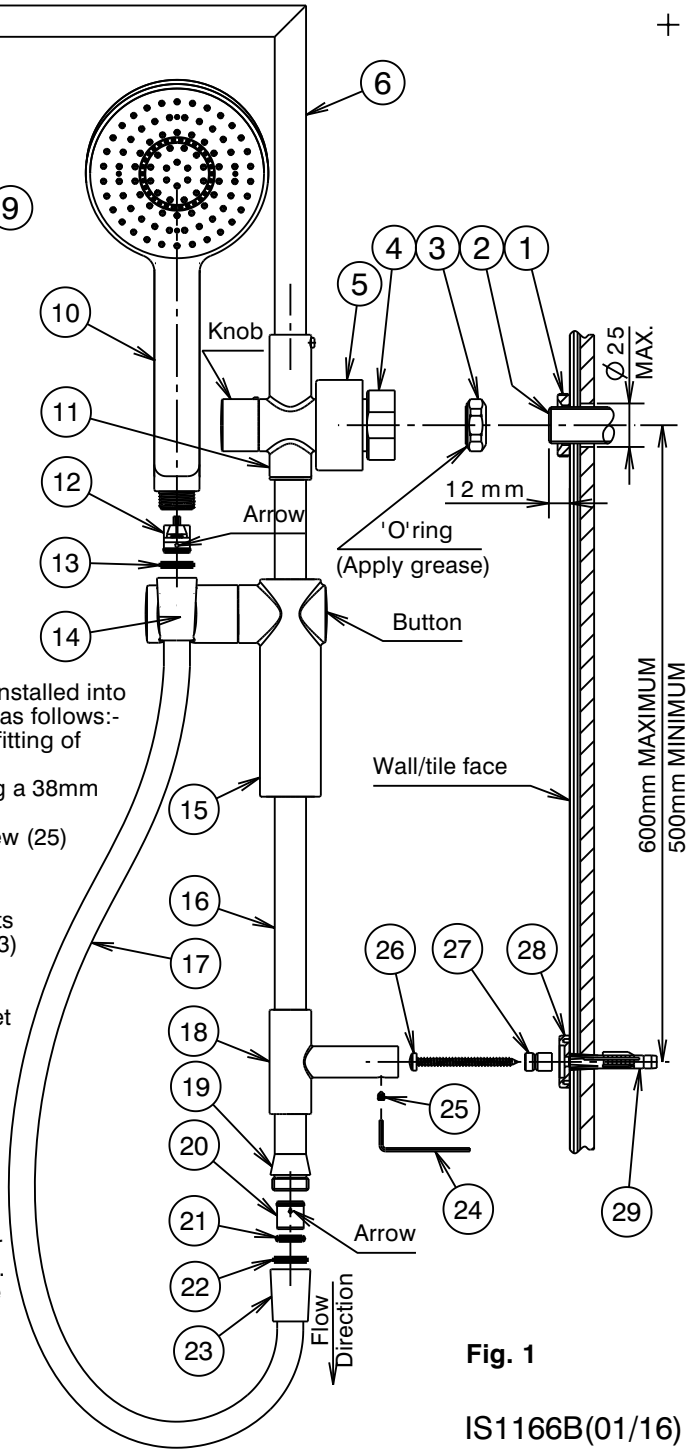


Fig. 1

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