

VILLA 2.0 - RAIL SHOWER WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Wall elbow (4) is fitted with a flow regulated check valve (6) & an additional check valve (5).
Note: Warranty is void if flow regulated check valve (6) & check valve (5) are 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(13) MUST NOT BE USED AS A GRAB RAIL.**
- * Holes for attachment of shower rail must be drilled in vertical alignment.
- * **Important note to installer: It is the installers responsibility to assess the installation environment for hazards and incorporate back flow prevention where deemed necessary refer AS/NZS 3500 (Sect:4).**

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 of dress ring (3). Screw wall elbow (4) together with dress ring (3) onto threaded nipple (1) and position so that the hose (14) 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 two holes 9.5mm (3/8") diameter, 40mm deep.
 - ii) Fold the wings of the anchors (8) inwards, as shown.
 - iii) Insert the folded anchor (8) into each drilled hole and tap until the head is flush with the wall surface.

CAVITY WALLS:-

 (Villaboard/tile etc)

- Note:** Total wall thickness must be between 16-19mm.
- i) Drill two holes 9.5mm (3/8") diameter.
 - ii) Fold the wings of the anchors (8) inwards, as shown.
 - iii) Insert the folded anchor (8) into each drilled hole and tap until the head is flush with the wall surface.
 - iv) Insert a small allen key or nail into the hole of the anchor (8) to spread the wings of the anchor behind the wall (Fig.1).

HANDSHOWER - THREE FUNCTIONS

MESSAGE	(INNER)
COMBINATION	(OUTER + INNER)
NORMAL	(OUTER)

- 5) Carefully remove caps (11) from wall brackets (9). Insert screw (10) into hole in lower wall bracket (9), assemble screw into installed wall anchor (8) & tighten. **DO NOT OVERTIGHTEN.**
- 6) Slide soap dish (12) then handshower slider (15) onto rail (13) ensuring the screw hole in the rail is at the top. Insert top end of rail (13) into top wall bracket (9), align the hole in the rail with the screw hole in the top wall bracket & insert screw (10). Position handshower slider with the gripper button to be on the left or right of the shower rail as desired then slide bottom end of rail (13) through hole in installed lower wall bracket (9), assemble screw (10) into installed wall anchor (8) & tighten. **DO NOT OVERTIGHTEN.** Fit caps (11) into wall brackets (9).
- 7) Ensure that check valve (5) & flow regulated check valve (6) are in position in wall elbow (4) and the sealing washers (17) are seated in the hose (14). Screw the shorter conical nut (7) of the shower hose (14) onto the wall elbow (4) & tighten. Connect the conical fitting (16) of the shower hose (14) onto the handshower (18) & tighten. Place handshower into slider bracket (15) with shower hose hanging freely.
Important: If water does not flow from handshower (18) make sure that check valves (5 & 6) are installed with the arrow pointing in the direction of flow.
Note : Height of shower can be adjusted by depressing button of slider (15) and sliding the bracket up or down.

IMPORTANT	
Pressure & Temperature Requirements.	
<ul style="list-style-type: none"> • 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. 	

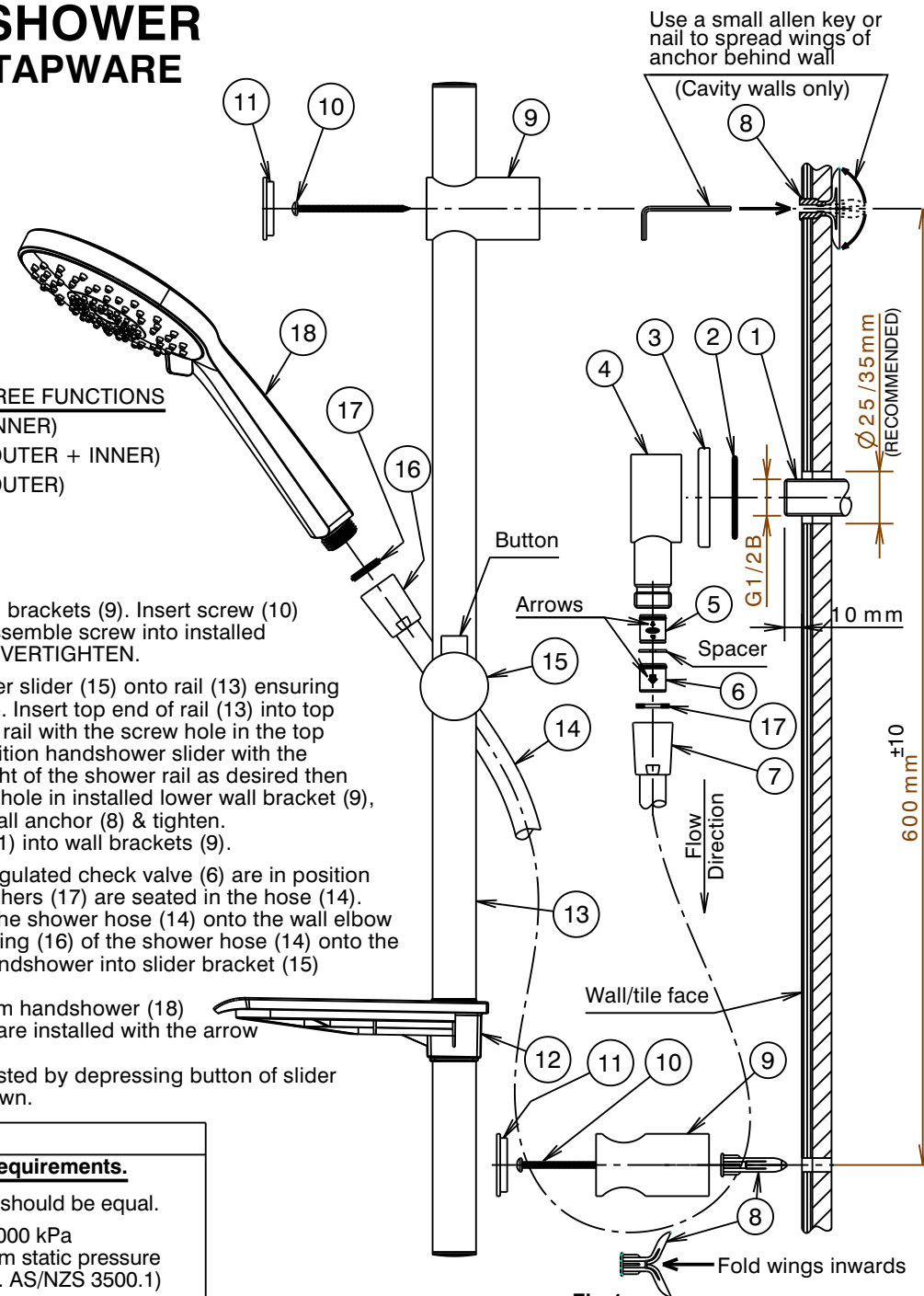


Fig.1 IS1644B(04/21)