

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Engine (3) is fitted with a flow regulator . 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.
- * 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.
- * Turn off hot and cold water supplies before installation.

Installation

- 1) Check that threaded nipple (1) is the correct length as shown in Fig. 1. 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) Screw inlet adaptor (2) onto threaded nipple (1) and tighten using spanner until adaptor (2) is held securely against wall/tile face. DO NOT OVERTIGHTEN. Apply suitable lubricant to 'O'Rings on adaptor (2).
- 3) Fit engine (3) into adaptor (2) until it is against the wall, then use engine (3) as a template to mark wall plug position center. as shown in Fig. 2. Bottom straight edge of engine (3) use to level the assembly before marking. Remove engine (3) from adaptor (1).

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

- i) Drill holes 8.00mm diameter, 40mm deep.
- ii) Insert tapered end of wall plugs (4) into drilled holes and tap until flush with wall/tile face.

CAVITY WALLS:- (Villaboard/tile etc)

- i) Drill holes 8.00mm diameter.
 - ii) Insert tapered end of wall plugs (4) into drilled holes and tap until flush with wall/tile face.
- 5) Re-fit engine (3) onto adaptor (2) until it is against the wall/tile face. Pass the screws (5) through the screw holes in engine (3) and insert into the wall plugs (4), then tighten until the engine (3) is mounted securely against the wall/tile face.
 - 6) Tilt wall cover around 5 degree from wall, slide wall cover over engine (3) from the bottom of engine as shown in Fig. 1 & Fig. 2. After wall cover plate seats onto the engine (3) as shown in Fig. 3, push cover onto wall until it firmly against wall/tile face, then tighten screw (7) using 2.5mm security Torx key (8), one is provided . Fit cover cap (9) into the hole of wall cover plate (6).

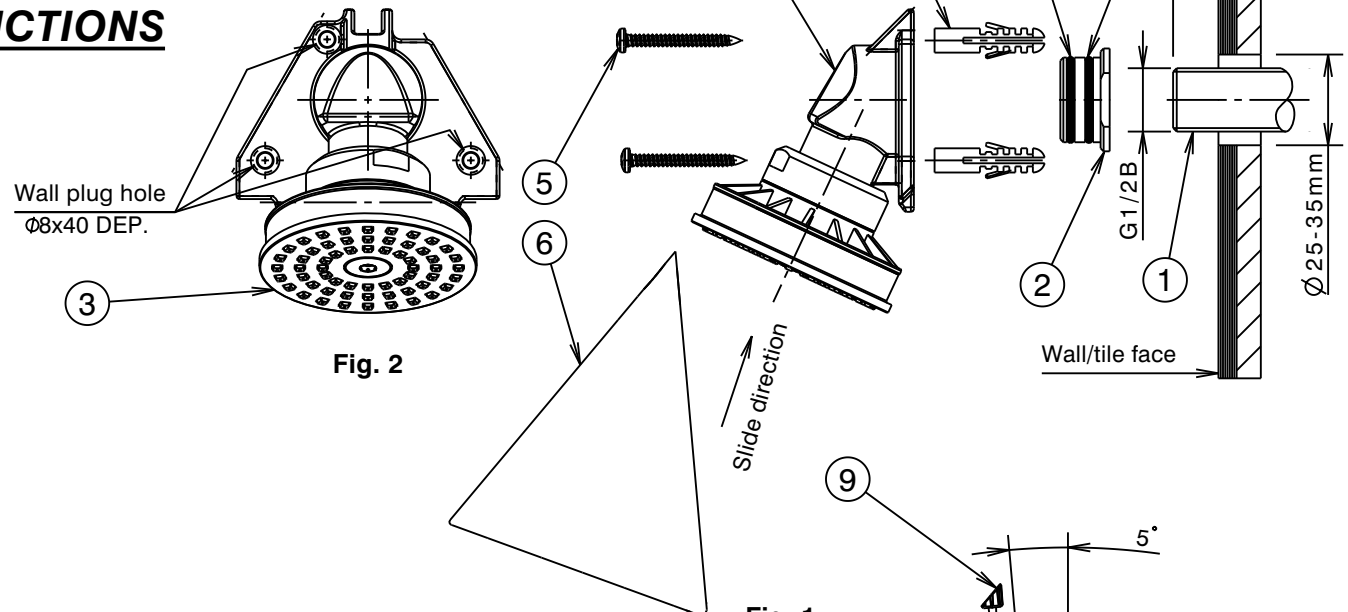


Fig. 2

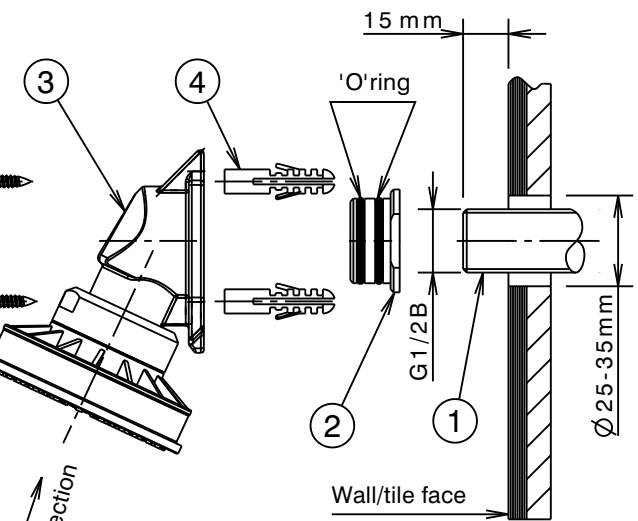


Fig. 1

IMPORTANT	
<u>Pressure & Temperature Requirements.</u>	
•	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.
•	All outlets used primarily for personal hygiene shall deliver water at a safe temperature as per regional regulations.
<u>Installation Requirements.</u>	
•	The installing plumber is responsible for waterproofing all penetrations in Shower areas at installation by a proprietary flange system or a sealant.(Ref AS3740)

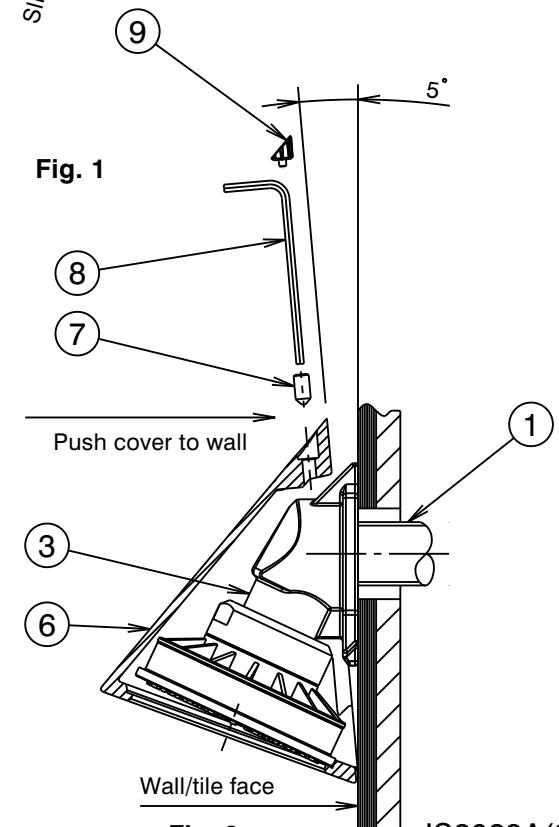


Fig. 3