

CAROMA ELVIRE - RAIL SHOWER WITH OVERHEAD WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Shower rail (8) is fitted with a check valve (14) and a flow regulated check valve (15). Shower head (27) is fitted with a flow regulator (26). **Note:** Warranty is void if check valve (14), flow regulated check valve (15) and flow regulator (26) are not installed as shown.
- * Not suitable for gravity feed systems.
- * The flow of water to the handshower & shower head 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 (8) MUST NOT BE USED AS A GRAB RAIL.**
- * Centre of drilled hole for attachment of shower rail mounting base (6) must be vertically in alignment with the centre of the threaded nipple (1).

Installation

- 1) Check that threaded nipple (1) is the correct length as shown. Accurately cut to length if required ensuring end face is square. To ensure correct installation length of threaded nipple must not exceed 10mm. 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) Slide brass washer (3) followed by cover plate (2) onto plain diameter of adaptor (4), as shown. Screw adaptor (4) onto threaded nipple (1) until cover plate (2) is held securely against wall/tile face. **DO NOT OVERTIGHTEN.** Apply suitable lubricant to 'O' Rings on adaptor (4).
- 3) Mark the position for the shower rail mounting base (6) at a suitable distance from the threaded nipple (1). (Fig 1.)
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
 - i) Drill hole 8.00mm diameter, 60mm deep.
 - ii) Insert small end of wall plug (5) 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 (5) into drilled hole and tap until flush with surface.
- 5) Fit screw (7) through the hole in mounting base (6), locate wall cover plate (2) onto mounting base (6) then assemble into wall plug (5) and tighten.

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.	
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) Confirm that check valve (14), flow regulated check valve (15) & 'O' ring (16) are installed into shower rail (8) as shown. Screw shower rail (8) into thread of diverter body (28), taking care that the 'O' Ring is in place in the top of rail (8). Tighten the rail (8) firmly by hand to achieve a watertight connection, taking care not to damage the decorative finish. Assemble handshower slider (13) onto rail (8). Slide bracket (9) onto the rail (8) as shown, taking care that the screw (10) is underneath. Carefully guide the rail assembly onto the spigot of adaptor (4) and mounting base (6), taking care not to damage the 'O' Rings on the spigot. While holding the assembly against the wall cover plates (2), tighten the grub screws (11) using the 2.5mm allen key (11).
- 7) Screw conical fitting (17) of shower hose (18) onto bottom of shower rail (8) and tighten. Screw remaining conical fitting (19) onto handshower (20) & tighten. Fit handshower (20) into holder (13). **Important:** If water does not flow from handshower (20) make sure that check valve (14) & flow regulated check valve (15) are installed with the arrow pointing in the direction of flow. **Note:** Height of hand shower can be adjusted by loosening knob and sliding bracket (13) up or down.
- 8) Ensure flow regulator (26) and strainer washer (25) are in position in shower head (27). Carefully screw shower head (27) onto thread of shower arm (24) using a suitable spanner & tighten. If shower arm (24) is removed, install retainer (21) into groove of spigot (12) then fit shower arm (24) onto spigot (12) as shown. Install screw (22) and tighten using a 2mm allen key (23). **Note:** To deliver water to shower head (27), line indicator on diverter handle (28) must be pointing up. To deliver water to the hand shower (20), the diverter handle (28) must be rotated clockwise so the line indicator is pointing down.

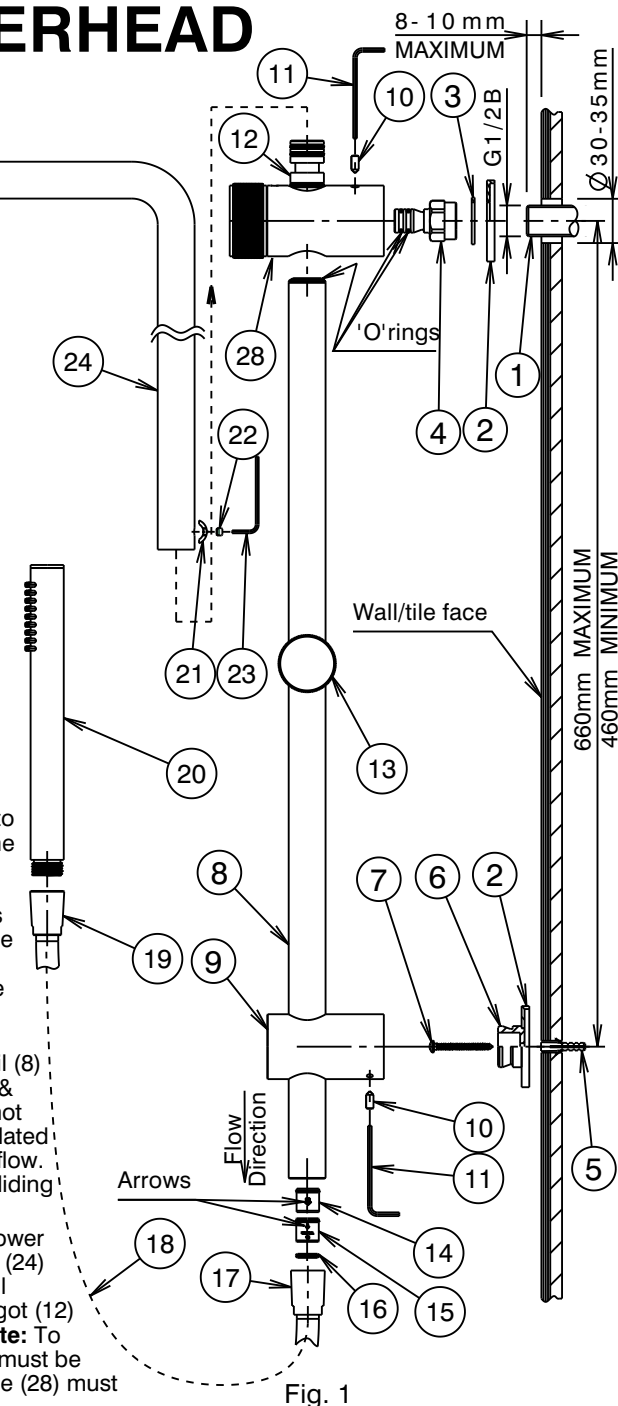


Fig. 1