

CAROMA RIVIERE - SHOWER WITH OVERHEAD

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Overhead shower (1) and Hand Shower (5) are fitted with flow regulators (2) and (6). 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. Note: Warranty is void if flow regulators (2) and (6) are not installed as shown.
- * 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.
- * **SHOWER RAIL (12) MUST NOT BE USED AS A GRAB RAIL.**
- * Centre of drilled hole for attachment of shower rail mounting post (19) must be vertically in alignment with the centre of the threaded nipple (16).
- * Where showers incorporate flow controllers care must be exercised during installation to ensure that the male connecting threads do not damage flow controllers.

Installation

- 1) Check that threaded nipple (16) 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 devices, causing a reduction in water flow.
- 2) Screw adaptor (14) onto threaded nipple (16) until adaptor (14) is held securely against wall/tile face. **DO NOT OVERTIGHTEN.** Apply suitable lubricant to 'O'Rings on adaptor (14).
- 3) Mark the position for the shower rail mounting post (17) at a suitable distance from the threaded nipple (16). (Fig 1.)
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
 - i) Drill hole 6.00mm diameter, 40mm deep.
 - ii) Insert tapered end of wall plug (20) into drilled hole and tap until flush with surface.
- 5) **CAVITY WALLS:-** (Villaboard/tile etc)
 - i) Drill hole 6.00mm diameter.
 - ii) Insert tapered end of wall plug (20) into drilled hole and tap until flush with surface.
- 5) Pass screw (18) through the mounting flange (19) and wall cover plate (11), insert it into wall plug (20), and tighten until the flange is secure against the wall.
- 6) Loosen screws (13) and (21) from the diverter body (15) and mounting post (17). carefully slide the rail assembly onto the adaptor spigot (14) and flange (19), ensuring the O-rings are not damaged. Hold the assembly in place and tighten grub screws (13) and (21) with the 2.5 mm Allen key (25).

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 : 70°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)	

- 7) Check that rubber washer (23) is installed into the shorter conical fitting (24) of shower hose (28) then screw onto thread end (22) of rail (12) and tighten. Ensure the check valves (8) are fitted into handset (5) and the strainer washer (9) is fitted into the longer conical end (26) of shower hose (28), then screw onto handshower (5) and tighten. Fit handshower (5) into holder (27). **DO NOT OVERTIGHTEN.**
 - 8) Lubricate the 'O'rings on the spigot of diverter (15), wind out the screw (10) in shower arm (4), then install shower arm (4) onto spigot as shown. Tighten screw (10) using 2.5mm allen key (25) then, if required, back off 1/2 turn to allow the arm to swivel. Ensure flow regulator (2) and strainer washer (3) are installed in shower head (1). Carefully screw shower head (1) onto thread of shower arm (4) using a 22mm spanner & tighten. **DO NOT OVERTIGHTEN.**
- Notes:** The Hand shower spray can be adjusted between "Firm" & "Gentle" by moving the slider on hand shower handle up and down. Height of hand shower (5) can be adjusted by loosening lever on holder (27) and sliding the holder up or down.
- To deliver water to the shower head (1), lever on diverter (15) must be pointing up. To deliver water to the hand shower (5), the lever must be rotated clockwise 90 to the stop.

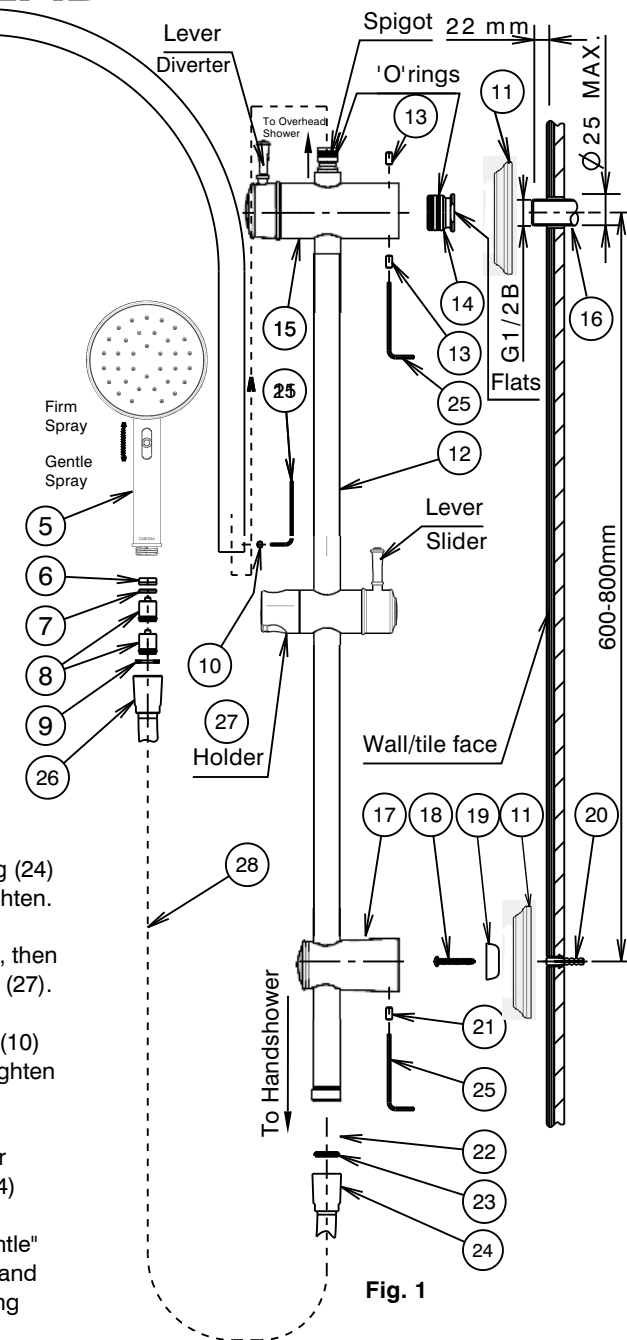


Fig. 1