

CAROMA RIVIERE - RAIL SHOWER

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- * Hand Shower (1) is fitted with a flow regulator (2). 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 regulator (2) 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(11) MUST NOT BE USED AS A GRAB RAIL.
- * Centre of drilled holes for attachment of shower rail mounting flange (18) must be vertically in alignment with the centre of the threaded nipple (17).

Installation

- 1) Check that threaded nipple (18) 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) Ensure the 'O' Ring (16) is fitted in the groove behind the wall elbow (14), then screw the wall elbow (14) onto the threaded nipple (17) and position so that the hose (7) 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. (Refer to **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 (19) into drilled hole and tap until flush with surface.
- CAVITY WALLS:-** (Villaboard/tile etc)
 - i) Drill hole 6.00mm diameter.
 - ii) Insert tapered end of wall plugs (19) into the drilled holes and tap until flush with wall surface.
- 5) Pass the screw (21) through the hole in mounting flange (18) and through Wall Cover Plate (20) insert into wall plug (19), then tighten until the flange (18) & Cover Plate (20) are 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 : 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)

- 6) Ensure grub screws (10) and (22) are unscrewed out of the mounting brackets top and bottom of the Rail assembly (11). Carefully guide the rail assembly onto the mounting flanges (18), adjust the position of the rail bracket (12) if required. While holding the assembly against the wall, tighten the grub screws (9) & (22) using the 2.5mm allen key (15).
- 7) Check that rubber washer (9) is installed into the shorter conical fitting (8) of shower hose (7) then screw onto the Wall Elbow (14) and tighten. Ensure the check valves (4) are fitted into handset (1) and the strainer washer (5) is fitted into the longer conical end (6) of shower hose (7), then screw onto handset (1) and tighten. Fit handset (1) into holder (13).

Note: 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 (1) can be adjusted by loosening lever on holder (13) and sliding the holder up or down.

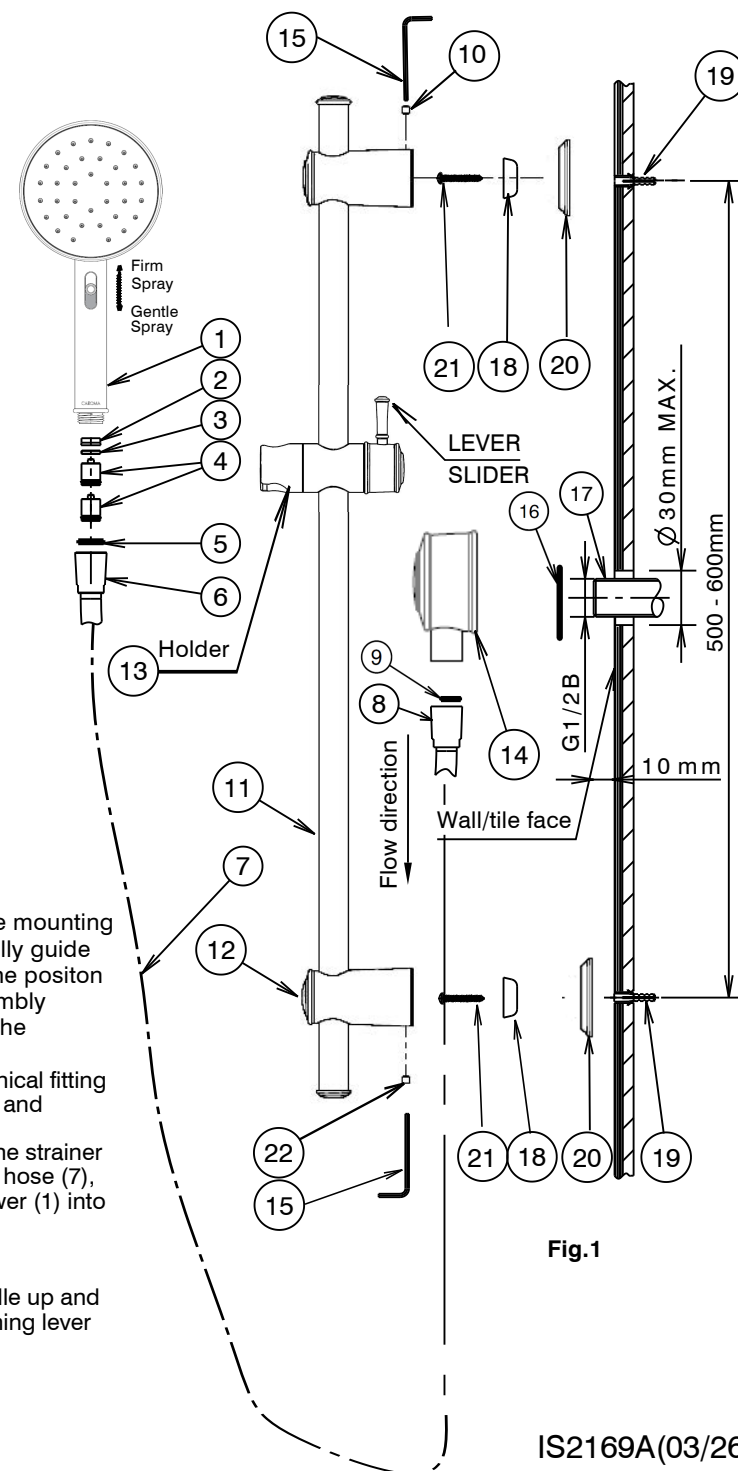


Fig.1