

CAROMA ELVIRE - OVERHEAD RAIN SHOWER WITH SHROUD

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * The shower head (6), shower arm (3) & shroud (9) are sold separately.
- * Not suitable for gravity feed systems.
- * The showerhead is fitted with a flow regulator (5). The lower flow rate may not be suitable for connection to some gravity fed Water Heaters, some low pressure supply networks, some Instantaneous Water Heaters, some Tempering Valves, some Solar Water Heaters & some 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.

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) Fit 'O'ring (2) into groove of the shower arm (3). Screw the shower arm (3) together with 'O'ring (2) onto the threaded nipple (1) until it contacts the ceiling face. DO NOT OVERTIGHTEN.
- 3) Fit the seal (8) into the mounting plate (7) as shown in **Fig.1** and then slide the mounting plate (7) onto the shower arm (3). **Important:** Swivel the shower arm (3) to be square to the ceiling to ensure shroud (9) is installed correctly. Now mark the 4 screw hole positions on the ceiling while making sure the threaded hole (15) & slot (14) are facing towards the back. Remove the mounting plate (7) and put it aside.
- 4) Drill 4 holes in the marked positions on the ceiling to determine position for ceiling support(not supplied) in roof cavity. Ensure there is adequate support in the ceiling for the screws when installed.
- 5) Slide the mounting plate (7) up shower arm (3) as before, align with the drilled holes in the ceiling and attach it by using SS304 grade screws (not supplied) through the holes in the mounting plate (7). Ensure the threaded hole (15) and slot(14) would be accessible in order to secure the shroud (9).
Tip : Mark a line on ceiling in-line with the threaded hole(15).
- 6) Before installing the showerhead (6), ensure washer (4) and flow regulator (5) are fitted to the inlet socket of the showerhead (6), as shown. Screw the G1/2 inlet thread of the shower head (6) onto the arm (3) and tighten using a suitable spanner. DO NOT OVERTIGHTEN.
- 7) Ensure the showerhead (6) is positioned parallel to the ceiling. Ensure the sleeve (12) is fitted properly as shown in **Fig.2**, angle the shroud (9) to get the pin (11) past the showerhead (6) then pass pin (13) over the showerhead (6) then carefully slide the shroud (9) over the showerhead (6). Align the pin (11) into groove (14) and pin (13) into groove (15) of the mounting plate (7) and push both the pins (11)&(13) through before twisting the shroud clockwise as shown in **Fig.2**.
The marked line on the ceiling (done in Step 5) can be used to line up the sleeve (12) hole with the threaded hole (15).
- 8) After aligning the pre-fitted sleeve (12) on the shroud (9) with the threaded hole (15) on mounting plate (7), pass the screw (10) through the sleeve and screw it in until the grub screw is flush with the outside face of shroud (9) and secure the shroud (9) to the mounting plate (7).
Note: The shroud (9) can be rotated backwards to align the holes if required.

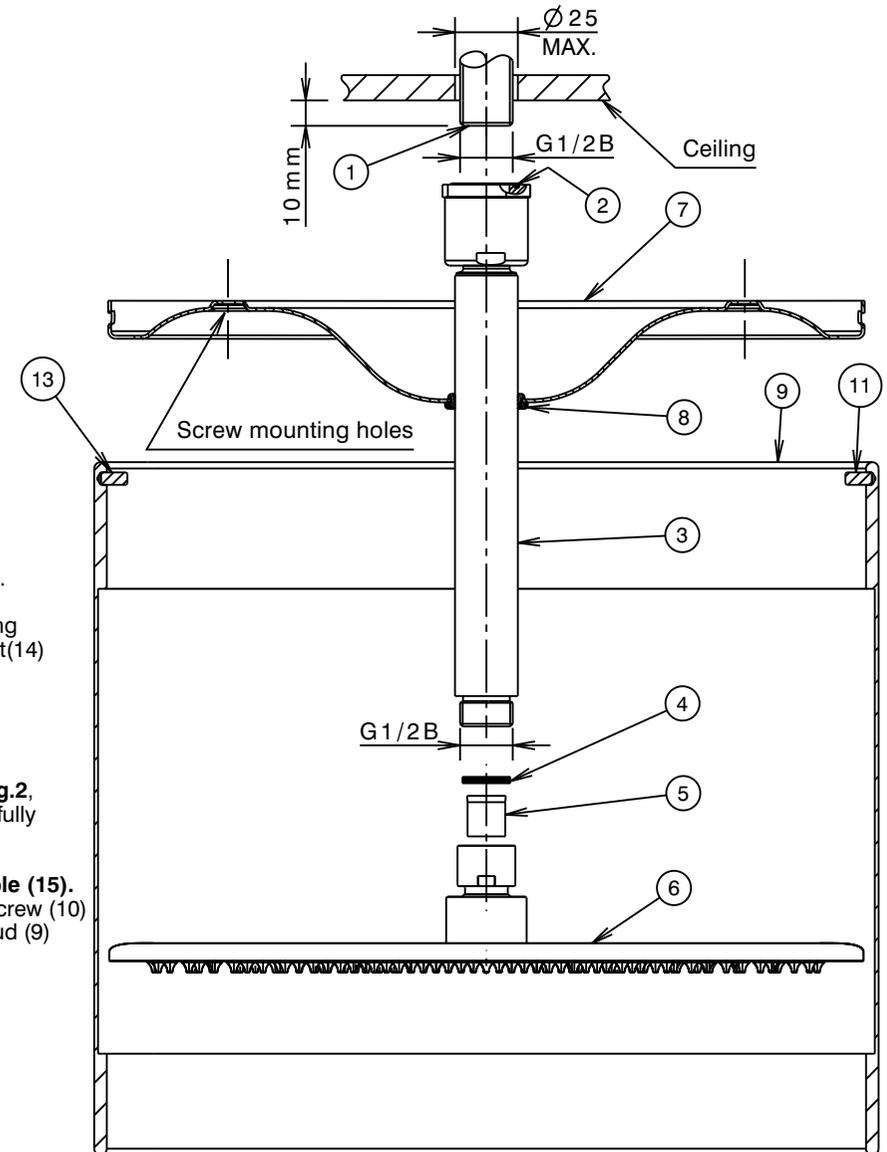
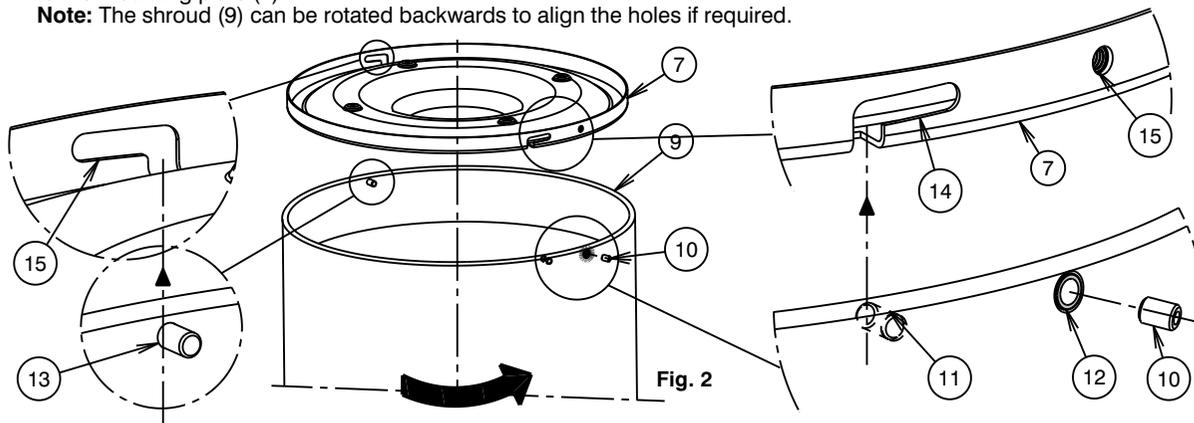


Fig. 1

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 operating pressure at any outlet within a building.(Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 80°C.