



**CAROMA**

# COOLIBAH CONTEMPORARY - RAIL SHOWER

## WATER EFFICIENT TAPWARE

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important

- \* The wall elbow (2) is fitted with a single flow regulated check valve (3). Additional backflow prevention may be required if installing over a bath or other receptacle.  
Note: Warranty is void if check valve (3) is not installed as shown.
- \* Not suitable for gravity feed systems.
- \* The flow of water to the handshower 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(12) MUST NOT BE USED AS A GRAB RAIL.**
- \* Drilled holes for attachment of shower rail must be vertical and the distance between them must be accurate to ensure correct fit when rail (12) is installed.

#### Installation

- 1) Check that threaded nipple (1) 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) Screw wall elbow (2) onto threaded nipple (1) 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.
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
  - i) Drill two holes 9.5mm (3/8") diameter, 40mm deep.
  - ii) Fold the wings of the anchors (8) inwards, as shown.
  - iii) Insert the folded anchor (10) into each drilled hole and tap until the head is flush with the wall surface.
- 5) **CAVITY WALLS:-** (Villaboard/tile etc)  
**Note:** Total wall thickness must be between 16-19mm.
  - i) Drill two holes 9.5mm (3/8") diameter.
  - ii) Fold the wings of the anchors (10) inwards, as shown.
  - iii) Insert the folded anchor (8) into each drilled hole and tap until the head is flush with the wall surface.
  - iv) Insert a small allen key or nail into the hole of the anchor (8) to spread the wings of the anchor behind the wall (Fig.1).

#### HANDSHOWER - THREE FUNCTIONS

|                 |                       |
|-----------------|-----------------------|
| SPRAY           | (OUTER HOLES)         |
| MASSAGE + SPRAY | (INNER + OUTER HOLES) |
| MASSAGE         | (INNER HOLES)         |

#### 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)

- 5) Slide handshower slider (13) onto rail (12). Insert top end of rail (12) into top wall bracket (9). Position handshower slider with the holder lever to be on the left or right of the shower rail as desired then insert bottom end of rail (12) into bottom wall bracket (9). Assemble screws (10) through wall brackets into installed wall anchors (9) and tighten. DO NOT OVERTIGHTEN. Fit caps (11) into wall brackets (9).
- 6) Ensure that flow regulated check valve (3) is in position in wall elbow (2) & retained with circlip (4). Check that sealing washers (5) are installed into shower hose fittings then screw the conical nut (6) of the shower hose (7) onto the wall elbow (2) & tighten. Connect the remaining conical fitting (14) of the shower hose (7) onto the handshower (15) & tighten. Place handshower into slider bracket (13) with shower hose hanging freely. Handshower holder inclination angle is adjustable by friction device.  
**Important:** If water does not flow from handshower (15) make sure that check valve (3) is installed with the arrow pointing in the direction of flow.  
**Note :** Height of shower can be adjusted by rotating the knob (13) anti-clockwise and sliding the bracket up or down before retightening the knob.

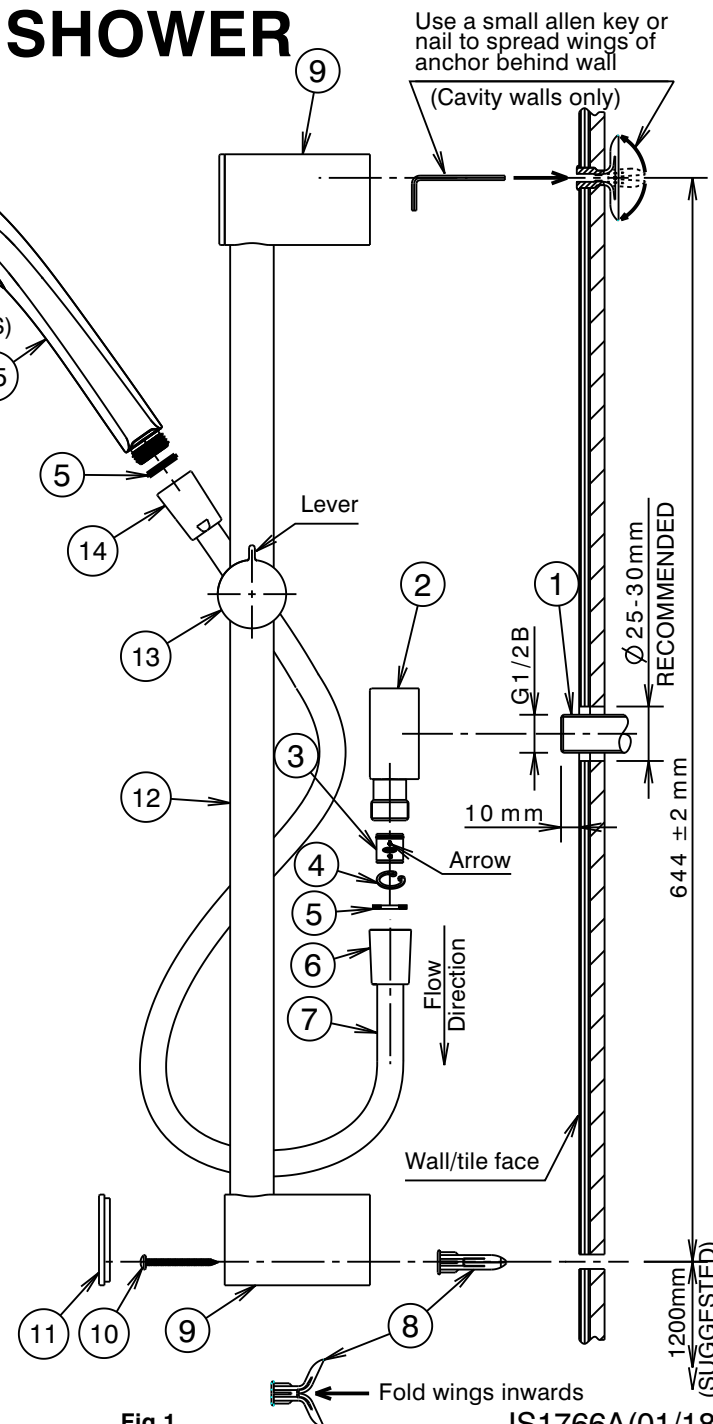


Fig.1

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