

CAROMA URBANE II - UNIVERSAL SUPPORT RAIL SHOWER

WATER EFFICIENT TAPWARE

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) and check valves (8) 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.
- * Support rail (17) must be fitted to a solid wall or other firm surface and installed by a qualified trades person. Support rails are constructed to withstand a load 1100Nm (113kg) vertical force.
- * Drilled holes for attachment of support rail must be vertical and the distance between them must be accurate as shown in Fig. 1 to ensure correct fit when support rail is installed.

Installation

- 1) Check that threaded nipple (11) 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 (10) is fitted in the groove behind the wall elbow (9), then screw wall elbow (9) onto threaded nipple (11) and position so that the hose (5) will hang vertically down. DO NOT OVERTIGHTEN.
- 3) Determine a position for the support rail assembly ensuring it is at a suitable height for the user.
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
 - i) Drill 2 holes Ø8.00mm, vertically 30mm distant, 60mm deep for mount block (15).
 - ii) Drill bottom hole Ø8.00mm, vertically 785mm away from the top hole center, 60mm deep. Drill another hole Ø8.00mm, vertically 30mm distant, 60mm deep for mount block (16).
 - iii) Insert round end of wall plugs (13) into drilled holes and tap until flush with wall/tile surface.

TIMBER SUPPORT WALLS:

- For fixing to a timber stud and non-structural walls, nogginns or other suitable means of support must be used for the support rail.
- i) Drill two Ø6mm holes through tile surface, vertically 30mm distant. Then two Ø2mm pilot holes, 50mm deep into timber for mount block (15).

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)	

- ii) Drill bottom hole Ø6mm holes through tile surface, vertically 785mm away from the top hole center. Then drill another Ø6mm hole through tile surface, vertically 30mm distant from the bottom hole. Last drill two Ø2mm pilot holes, 50mm deep into timber for mount block (16).
- 5) Ensure slot on mount block (15) pointing up, put mount block (15) onto wall and align screw holes on mount block (15) with drilled holes, tighten screws (14) to ensure mount block (15) firmly against wall.
 - 6) Ensure slot on mount block (16) pointing down, put mount block (16) onto wall and align screw holes on mount block (16) with drilled holes, tighten screws (14) to ensure mount block (16) firmly against wall.
 - 7) Fit support rail (17) onto mount blocks (15) & (16), ensuring support rail firmly against wall, tighten screws (18) by using allen key (19)
 - 8) Check that rubber washer (7) is installed into the shorter conical fitting (6) of shower hose (5) then screw onto the thread of wall elbow (9) and tighten. Ensure flow regulator (2), two check valves are installed in hand shower (1) and strainer washer (3) is in position in the longer conical fitting (4) of shower hose (5) then screw onto handshower (1) and tighten. Fit handshower (1) assembly into holder (12).

Note: The Handshower 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 (12) and sliding the holder up or down.

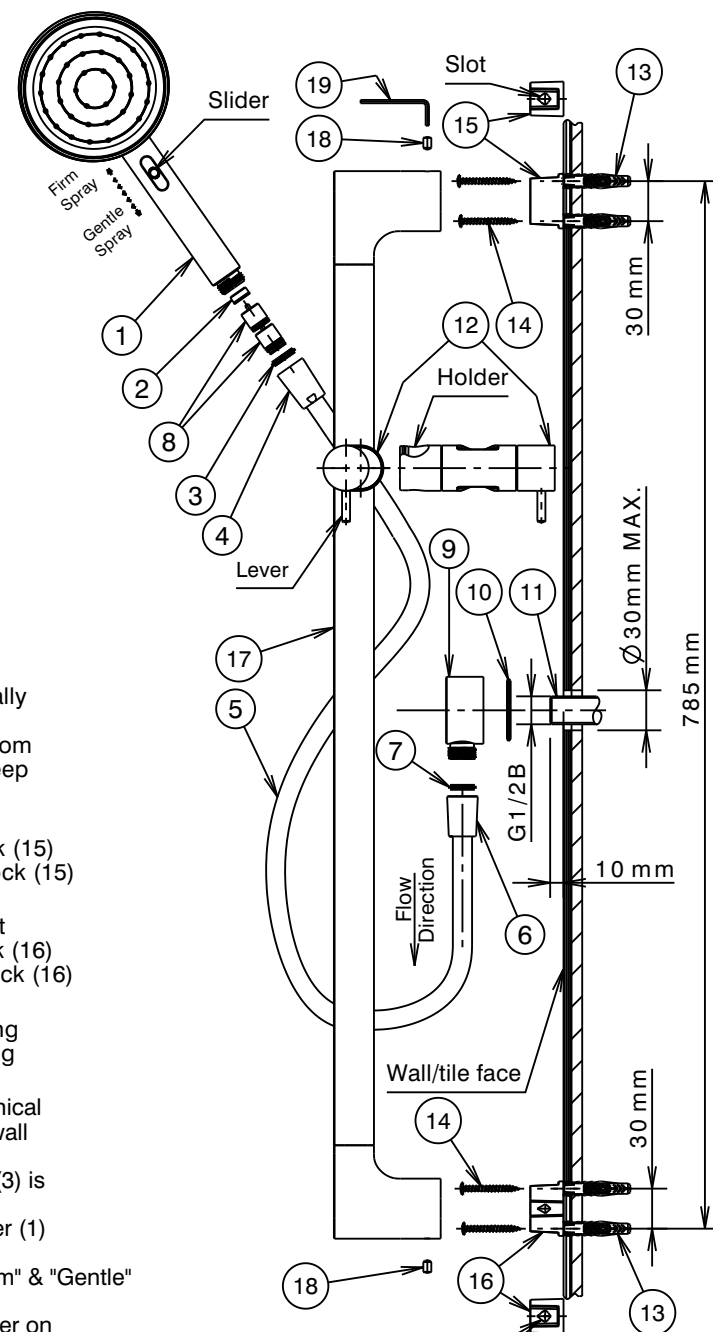


Fig.1

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