Caroma®

INVIGRA - HANDSHOWER ON RAIL

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important

- *** Wall elbow (4) is fitted with a flow regulated check valve (6). Note: Warranty is void if check valve (5) & flow regulated check valve (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 (14) 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 (14) 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) Fit seal (3) into groove in base of wall elbow (4). Screw wall elbow (4) together with cover plate (2) onto threaded nipple (1) and position so that hose (13) 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, mansory blocks,concrete etc)

i) Drill holes 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 holes 6.00mm diameter.

ii) Insert tapered end of wall plug (19) into drilled hole and tap until flush with surface.

SHOWER HEAD - SPRAY FUNCTIONS

MASSAGE	(INNER)
COMBINATION	(OUTER + INNER)
NORMAL	(OUTER)

5) Pass screw (17) through hole in each mounting base (18) and attach rail assembly (14) to the wall.
Note : Slot in end of rail (14) must engage with lug in mounting base (18).
Check that rail assembly (14) is vertical before tightening screws (17). Fit caps (16) into mounting bases (18).

6) Ensure that check valve (5) and flow regulated check valve (6) are in position in wall elbow (4). Fit rubber washer (8) and then 'O' ring (7) into hexagon fitting on shower hose (13), screw onto wall elbow (4) and tighten. Fit rubber washer (10) into plain end fitting (11) on shower hose (13), screw onto shower head (9) and tighten. Fit shower head (9) into shower bracket.
Important: If water does not flow from shower head (9) make sure that check valves (5 & 6) are installed with the arrows pointing in the direction of flow.
Note : Height of shower can be adjusted by loosening knob (12) and sliding shower bracket up or down.

7) Fit soap dish (15) onto shower rail (14).

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℃.