

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important

- \* For warranty details refer to [www.clark.com.au](http://www.clark.com.au)
- \* The wall elbow (3) is fitted with a single flow regulated check valve (4). Additional backflow prevention may be required if installing over a bath or other receptacle.  
Note: Warranty is void if check valve (4) 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) Fit seal (2) into groove in base of wall elbow (3). Screw wall elbow (3) onto threaded nipple (1) and position so that the hose (11) 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 (15) inwards, as shown.
  - iii) Insert the folded anchor (15) into each drilled hole and tap until the head is flush with the wall surface.

#### **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 (15) inwards, as shown.
  - iii) Insert the folded anchor (15) 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 (15) to spread the wings of the anchor behind the wall (Fig.1).

- 5) Carefully remove caps (13) from rail bases (16) then attach the rail assembly to the wall using screws (14) and tighten.  
DO NOT OVERTIGHTEN. Replace caps (13), taking care that the cutouts of each cap align with the rail inside the mounting base.
- 6) Ensure that check valve (4) is in position in wall elbow (3) and retained with circlip (5). Check that rubber washers (6) are installed into shower hose fittings then screw hexagonal fitting (7) of shower hose (11) onto wall elbow (3) and tighten. Screw remaining conical fitting (9) onto handshower (8) and tighten. Fit handshower (8) into slider bracket (10). Handshower holder inclination angle is adjustable by friction device.  
**Important:** If water does not flow from handshower (8) make sure that check valve (4) is installed with the arrow pointing in the direction of flow.  
**Note** : Height of shower can be adjusted by rotating the knob (10) anti-clockwise and sliding the shower bracket (10) up or down before retightening the knob.

<b>IMPORTANT</b>	
<b>Pressure &amp; Temperature Requirements.</b>	
•	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.

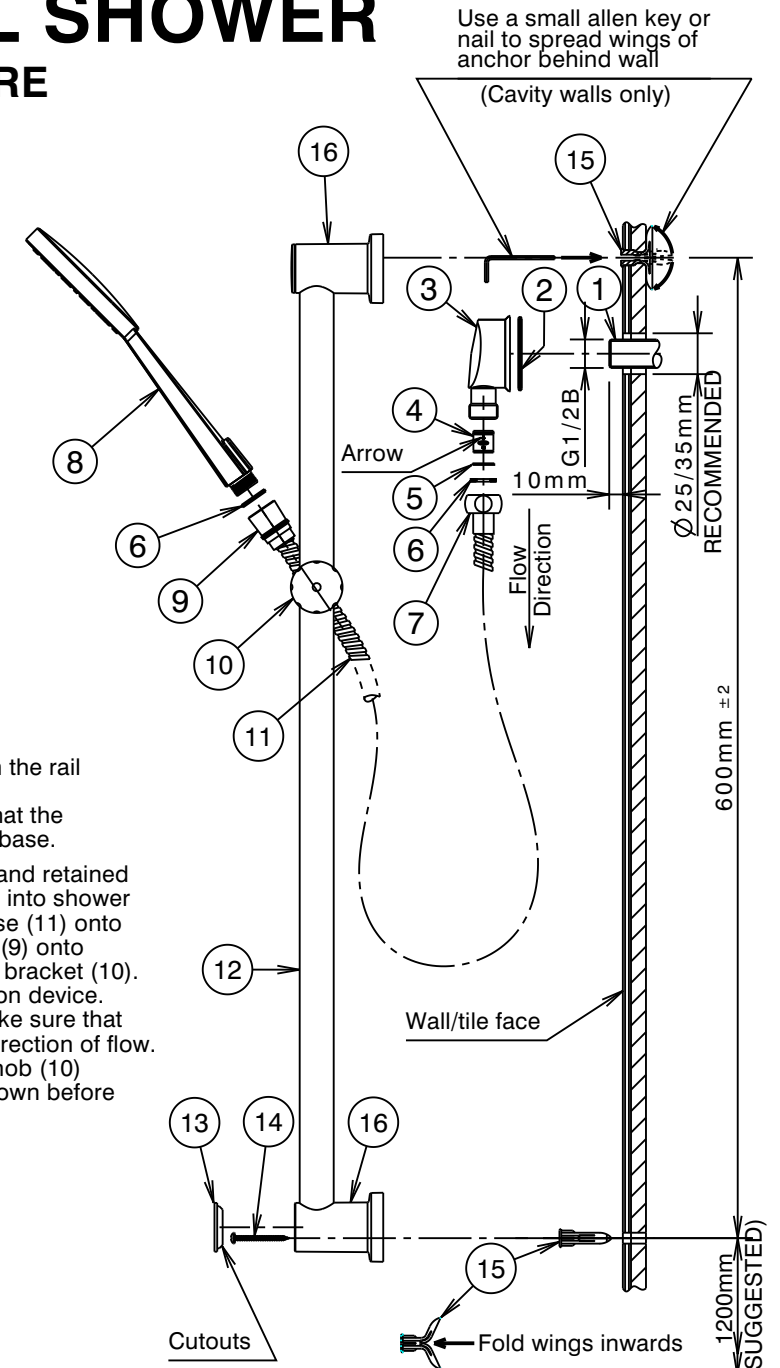


Fig.1