

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important Information

- \* Not suitable for gravity feed systems.
- \* Mixer is fitted with a flow regulator (19).
- \* Isolating stop taps must be fitted to the hot & cold water supply connections. (Part No. 842018C - Mini cistern 1/4T).
- \* All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water. Note: Aerator insert housing must be retightened to prevent removal by hand.

#### Installation

- 1) From fixing pack fit 'O'ring (9) into groove in base of mixer body (8). Screw stud (10) into threaded hole in base of mixer body (8).
- 2) *Flexible Tail Mixer Connections:* Apply suitable lubricant to 'O'rings (16). Fit flexible tail (15) (with red indication) into hole marked with red dot in underside of mixer body (8). Hand tighten the tail, ensuring the 'O'rings (16) have fully entered the sealing bore to provide a watertight joint. Fit other flexible tail (with blue indication) into remaining hole in a similar manner.
- 3) Insert the inlet connection end (14) of each flexible tail (15) through the hole in the deck. Place mixer over deck hole, fit gasket (11) and fixing plate (12) over stud (10) then screw on fixing nut (13) and tighten.
- 4) *Flexible Tail Inlet Connections:* Connect the flexible tails (15) to the hot and cold isolating stop taps, hand tighten the connecting nut (14) until rubber cone contacts the sealing face of the connection end, then tighten a further one turn to provide a watertight joint.  
**Important:** Flexible tails must not be kinked, twisted or in tension when installed. (Minimum Bend Radius:- 50mm) Do not install flexible tails where subject to ultra violet light.

<b>IMPORTANT</b>	
<b><u>Pressure &amp; Temperature Requirements.</u></b>	
<ul style="list-style-type: none"> <li>• Hot and cold water inlet pressures should be equal.</li> <li>• 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)</li> <li>• Maximum hot water temperature : 70°C.</li> </ul>	
<b><u>Deck Requirements</u></b>	
<ul style="list-style-type: none"> <li>• Deck thickness : 40mm maximum</li> <li>• Tap body hole (in deck) : Ø34-36mm</li> </ul>	

#### Replacing Cartridge

- 1) Turn off hot and cold water supplies at isolating stop taps.
- 2) Remove handle plug (4). Using 2.5mm allen key (3) loosen screw (2) and remove handle (1). Unscrew cap (5) taking care not to damage the decorative finish. Unscrew nut (6) then lift out the old cartridge (7).
- 3) Ensure inside face of mixer body (8) is clean. Check that seal is in position in base of new cartridge (7). Fit new cartridge (7) into mixer body (8), taking care that two lugs on base of cartridge (7) fit into mating holes in mixer body (8).
- 4) Screw on nut (6). **Important:-** Nut (6) should be tightened to a torque of 10 Nm.
- 5) Replace cap (5), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem. Tighten grub screw (2). Replace handle (1) taking care not to damage the decorative finish.
- 6) Turn on isolating stop taps and check operation.

#### Servicing the Flow Regulator

- If necessary, the flow regulator (19) can be accessed as follows:
- 1) Remove screw (17) using 3mm allen key (18) and carefully remove swivel outlet (20) from mixer body (8). If required, flow regulator (19) can be extracted from swivel outlet (20) using a small hooked tool. Ensure flow regulator (19) is clean and free of blockages.
  - 2) When replacing, ensure flow regulator (19) is bottomed in bore in spigot of swivel outlet (20). Carefully insert the spigot of swivel outlet (20) into the mating hole in the mixer body (8), ensuring 'O' rings are well lubricated and that the hole in the bearing aligns with the side hole in the mixer body. Replace screw (17) and tighten.

