

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important Information

- \* Not suitable for gravity feed systems.
- \* Mixer is fitted with a 7.6 L/min flow regulated aerator insert.
- \* 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 (10) into groove in base ring (9). Slide Base Ring (9) over threaded tail of mixer body (8) & engage pins of base ring into holes in underside of mixer body.
- 2) **Flexible Tail Mixer Connections:** Apply suitable lubricant to 'O' rings (13) on both flexible tails (14). Fit flexible tail (14) (with red indication) into hole marked with a Red Dot in underside of mixer body (8). Hand tighten the tail, ensuring the 'O' ring (13) has fully entered the sealing bore to provide a watertight joint.
- 3) Insert the inlet connection end (15) of the hot flexible tail (14) through the hole in the deck. Place tail of mixer into deck hole, fit gasket washer (11) over threaded tail of mixer body (8) then screw on fixing nut (12). Position mixer as shown, with **caroma** marking on base ring (9) facing towards the front, then tighten fixing nut (12) using a suitable spanner. Fit cold flexible tail (with blue indication) into remaining hole in underside of mixer body (8). Hand tighten the tail, ensuring the 'O' ring (13) has fully entered the sealing bore to provide a watertight joint.
- 4) **Flexible Tail Inlet Connections:** Connect the flexible tails (14) to the hot and cold isolating stop taps, hand tighten the connecting nut (15) 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.
- 5) If swivel spout (20) is required to be fitted, first place retainer (16) in spigot groove (17). Ensure 'O' rings are well lubricated then slide the swivel spout (20) over spigot, taking care that the hole in the swivel spout (20) aligns with the retainer hole. Fit screw (18) and tighten with 2mm allen key (19) provided.

<b>IMPORTANT</b>	
<b><u>Pressure &amp; Temperature Requirements.</u></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- 2003, Clause 3.3.4)	
• Maximum hot water temperature : 80°C.	
<b><u>Deck Requirements</u></b>	
• Deck thickness : 45mm maximum	
• Tap body hole (in deck) : Ø34- 36mm	

#### Replacing Cartridge

- 1) Turn off hot and cold water supplies.
- 2) Carefully remove plug (4) before using a 2.5mm allen key (3) to loosen grub screw (2) and remove handle (1). Remove cap (5) taking care not to damage the decorative finish. Unscrew nut (6) then lift out old cartridge (7).
- 3) Ensure inside face of mixer body (8) is clean. Check that seal (21) 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 down, then tighten grub screw (2). Replace plug (4) taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.

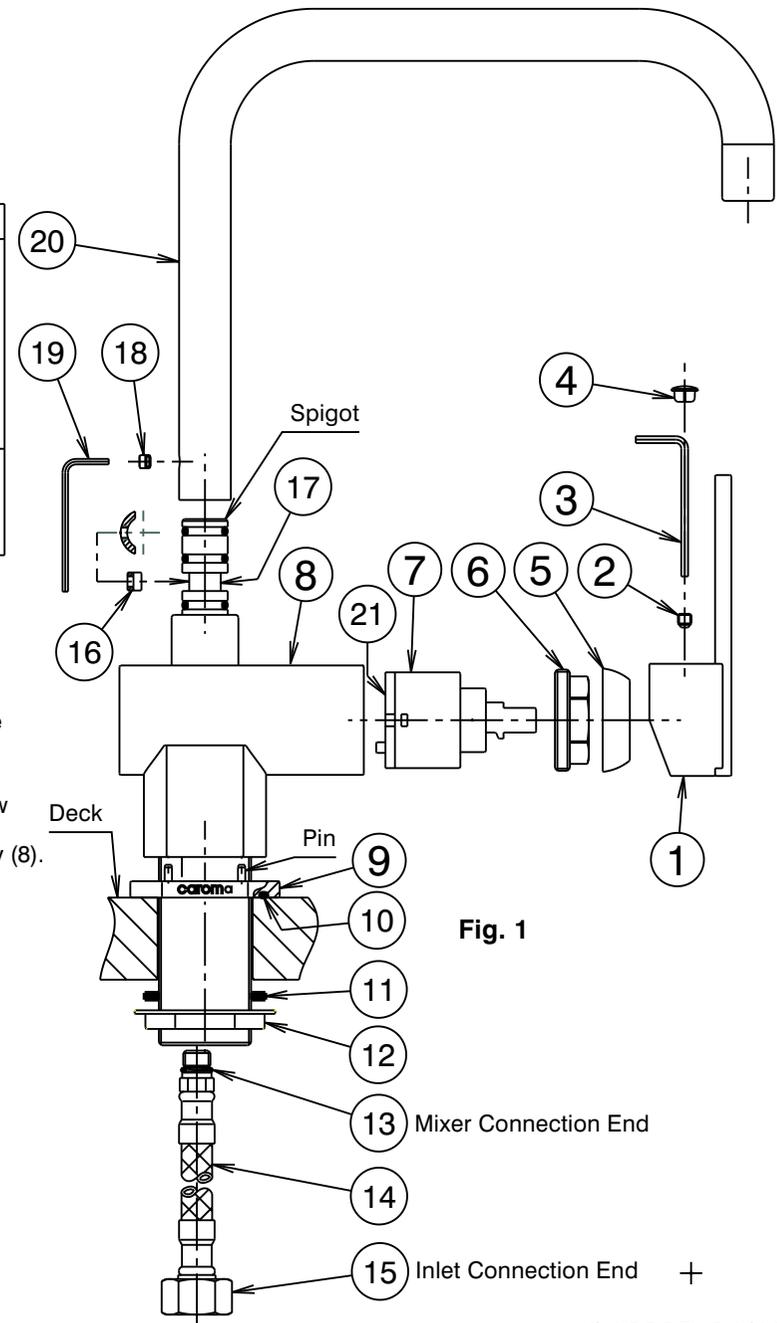


Fig. 1