

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * **Not suitable for gravity feed systems.**
- * **Mixer is fitted with a flow regulated aerator insert.**
This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters & some Thermostatic Mixing Valves. Check with the manufacturers of these products.
- * **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). Screw stud (13) into underside of mixer body (8). Locate spigot of base ring (9) into base of mixer body (8).
- 2) **Flexible Tail Mixer Connections:** Apply suitable lubricant to 'O'rings (17). Fit flexible tail (16) (with red indication) into hole marked with a Red Dot in underside of mixer body (8). Hand tighten the tail, ensuring the 'O'ring (17) has 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 (15) of each flexible tail (16) through the hole in the deck. Place mixer over deck hole, fit gasket (11) and fixing plate (12) over stud (13) then screw on fixing nut (14). Position mixer as shown, ensure **caroma** marking on base ring (9) is facing towards the front, then tighten fixing nut (14) using a suitable spanner.
- 4) **Flexible Tail Inlet Connections:** Connect the flexible tails (16) 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 (22) is required to be fitted, first place retainer (18) in spigot groove (19). Ensure 'O' rings are well lubricated then slide the swivel spout (22) over spigot, taking care that the hole in the swivel spout (22) aligns with the retainer hole. Fit screw (20) and tighten with 2mm allen key (21) provided.

IMPORTANT

- This product complies with the Lead Free requirements of the National Construction Code Volume Three.
- Hot and cold water inlet pressures should be equal.
- Static inlet pressure range : 150-1000 kPa
New Regulation :-500 kPa maximum operating pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 70°C.

Deck Requirements

- 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 onto cartridge stem, then tighten grub screw (2). Replace plug (4) taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.

Removing Aerator Insert

- 1) Aerator insert (23) can be removed with the key (24) provided.
- 2) Deposits of lime can be removed by washing in a vinegar solution.
- 3) When replacing aerator insert (23), be careful that thread is engaged correctly and 'O'ring is not damaged as it enters the bore. Tighten securely (to prevent removal by hand) using key (24).

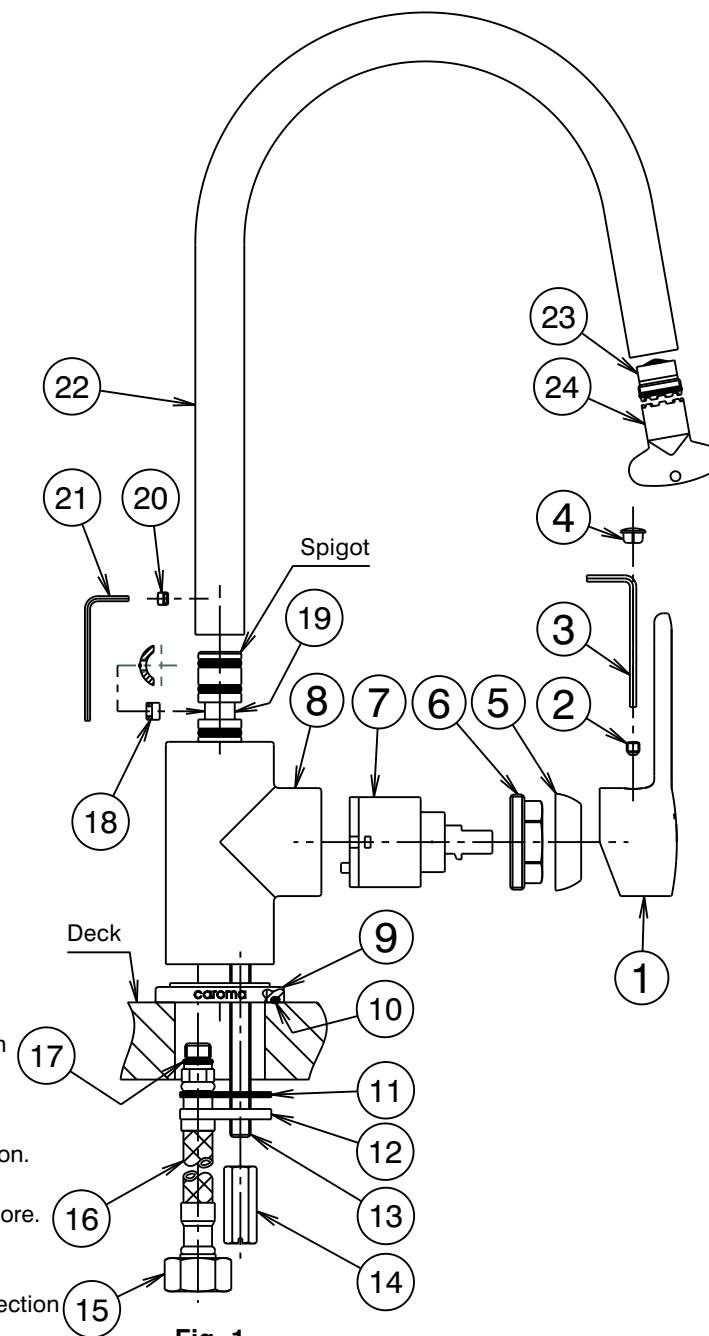


Fig. 1