

CAROMA COMMERCIAL SINK MIXER WITH TRIGGER PRE-RINSE SPRAY

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * **Not suitable for gravity feed systems.**
- * **Mixer is fitted with a regulated 1.2GPM aerator insert (19). 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.**

Installation

1. Ensure seal (10) is fitted into underside of base ring (9).
2. Insert the inlet connection end (17) of each flexible tail (16) through the hole in the deck. Insert threaded tube (11) of mixer into deck hole, locate mixer as required, fit metal washer (13) together with flat seal (12) over threaded tube (11) of mixer as shown in **Fig. 1**. Screw clamp ring (15) onto threaded tube until it contacts washer (13) & the flat seal (12) has contacted the underside of the deck. Tighten two screws (14) equally until mixer assembly is clamped firmly to the deck. **DO NOT OVERTIGHTEN.**

3. Flexible Tail Inlet Connections: Connect the flexible tails (16) to the hot and cold isolating stop taps, hand tighten the connecting nut (17) 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.

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 pull out cartridge (7).
- 3) Ensure inside face of mixer body (8) is clean. Check that seals are 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) Screw on cap (5) and tighten by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2). Fit plug (4) into handle (1), taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.

Replacing Aerator Insert

- 1) Carefully remove aerator housing (20) from mixer spout (21), taking care not to damage the decorative finish.
- 2) Remove washer (18) & aerator insert (19) from aerator housing (20). Check that aerator housing is clean. Deposits of lime can be removed by washing in a vinegar solution.
- 3) Fit new aerator insert (19) into aerator housing (20) followed by washer (18) then screw assembly into mixer spout (21) and tighten securely (to prevent removal by hand).

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 static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 80°C.

Deck Requirements

- Deck thickness : 45mm maximum
- Tap body hole (in deck) : Ø34-36mm

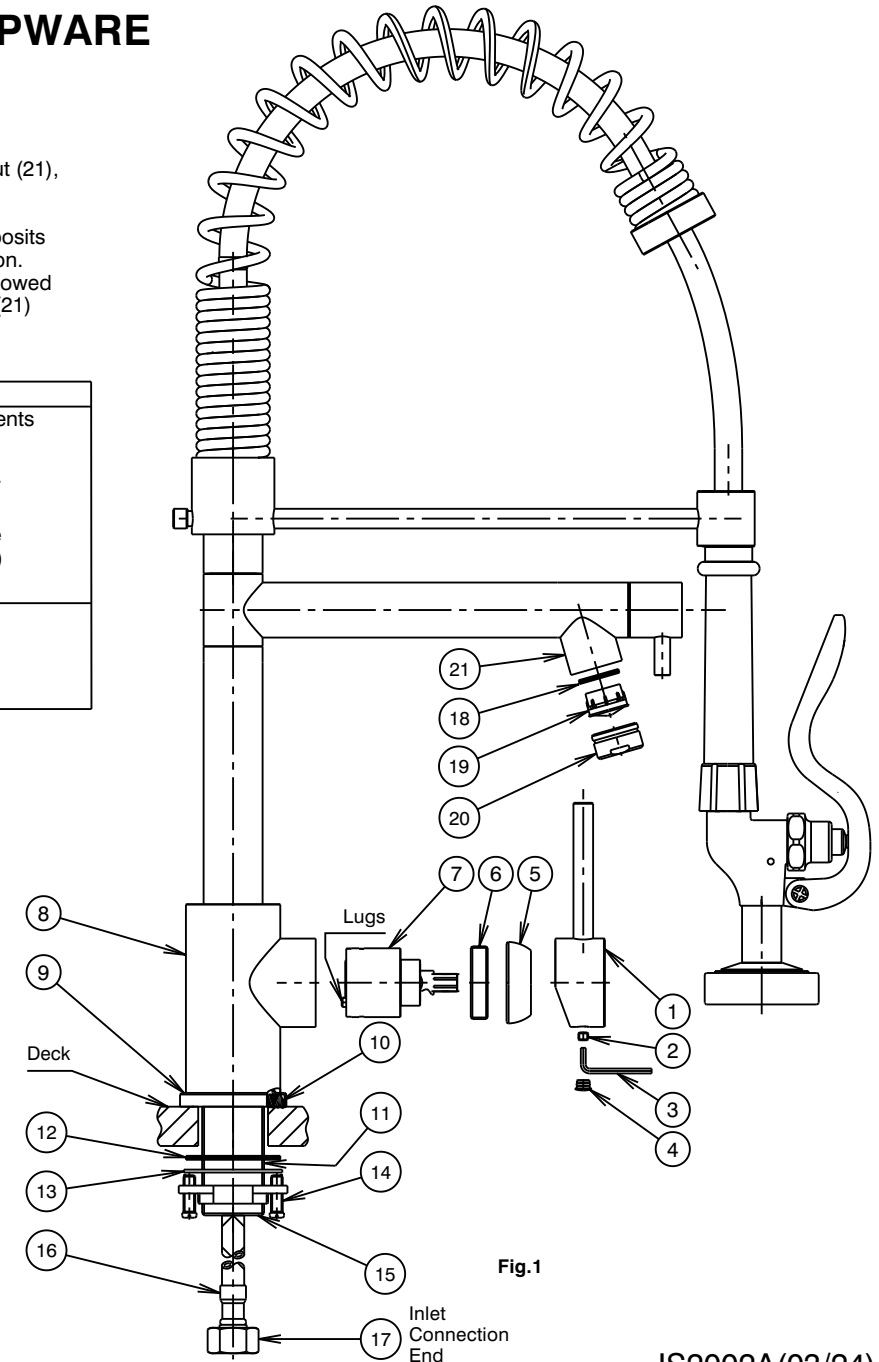


Fig.1