

# CAROMA VOGUE PULL DOWN SINK MIXER

## WATER EFFICIENT TAPWARE

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important Information

- \* Not suitable for gravity feed systems.
- \* Mixer is fitted with a 6.0L/min regulated check valve (26). 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. If required, 6.0L/min check valve (26) can be replaced with 4.5L/min check valve (25) (Supplied in a bag) to get lower flow rate (See "Replacing Regulated Check Valve"). 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.

#### Handle position adjustment

The mixer is supplied as Front facing handle version which is to be installed as shown in Fig. 2.

To change the handle position to Right hand facing version ;

- 1) Remove screw (22) using allen key (5) & rotate the mixer body (9) 90 degrees clockwise and align the hole on the holder arm (23) with the secondary hole on the swivel insert (21). If required, the holder arm (23) can also be lifted up to identify the secondary hole on swivel stop insert (21). See Fig. 3
- 2) Insert the screw (22) back into the hole in the holder arm (23) and screw it in using allen key (5). DO NOT OVERTIGHTEN.

#### Installation

Note: For thin decks, a triangle spacer (19) is supplied, which can be fitted prior to the flat seal (13).

- 1) Ensure 'O'ring (11) is fitted into groove in base ring (10).
- 2) Insert the inlet connection end (18) of each flexible tail (17) through the hole in the deck. Insert threaded tube (12) of mixer into deck hole, position mixer as required fit washer (14) together with flat seal (13) over threaded tube of mixer as shown in Fig. 1. Screw clamp ring (15) onto threaded tube until it contacts washer (14) & the flat seal (13) has contacted the underside of the deck. Tighten two screws (16) equally until mixer assembly is clamped firmly to the deck. DO NOT OVERTIGHTEN.
- 3) Flexible Tail Inlet Connections: Connect the flexible tails (17) to the hot and cold isolating stop taps, hand tighten the connecting nut (18) 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 Handle

The mixer is fitted with a "Pin" handle. To change the look of the mixer, a spare "Paddle" handle is supplied in a spare bag. The handle can be replaced as follows:-

- 1) Carefully remove plug (4) before using a 2.5mm allen key (5) to loosen grub screw (2) and remove handle (1).
- 2) Fit handle (28) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2). Fit plug (4) together with 'O'-ring (3), taking care not to damage the decorative finish.

#### Replacing Cartridge

- 1) Turn off hot and cold water supplies.
- 2) Carefully remove plug (4) before using a 2.5mm allen key (5) to loosen grub screw (2) and remove handle (1). Remove cap (6) taking care not to damage the decorative finish. Unscrew nut (7) then pull out cartridge (8).
- 3) Ensure inside face of mixer body (9) is clean. Check that seals are in position in base of new cartridge (8). Fit new cartridge (8) into mixer body (9), taking care that two lugs on base of cartridge (8) fit into mating holes in mixer body (9).
- 4) Screw on nut (7). **Important:-** Nut (7) should be tightened to a torque of 9 Nm.
- 5) Replace cap (6), tightening by hand. Fit handle (1) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2). Fit plug (4) together with 'O'-ring (3), taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.

#### Replacing Regulated Check Valve

- 1) Unscrew spread head (27) from pull down hose assembly(24).
- 2) Remove regulated check valve (26) fitted from top of the spread head (27) with a small allen key or a hook tool.
- 3) When replacing flow regulated check valve (26), be careful that the regulated check valve direction is correct as shown in Fig. 1 and 'O' ring is not damaged or dislodged as it enters the bore.
- 4) Screw spread head (27) onto pull down assembly (24) then tighten by hand.

#### IMPORTANT

##### Pressure & Temperature Requirements.

- 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 : 42mm maximum
- Tap body hole (in deck) : Ø34-36mm

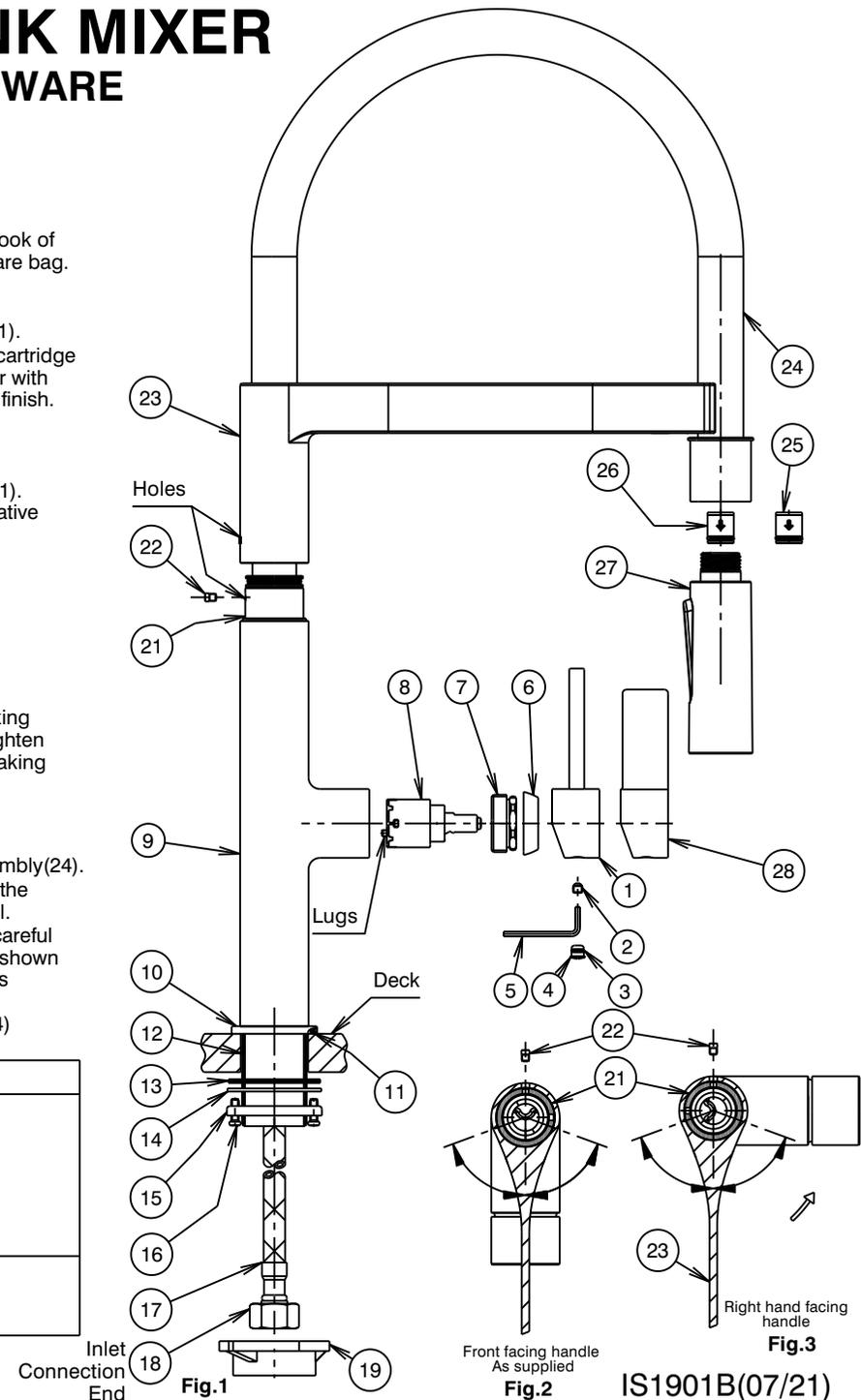


Fig.1

Fig.2

Fig.3

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