

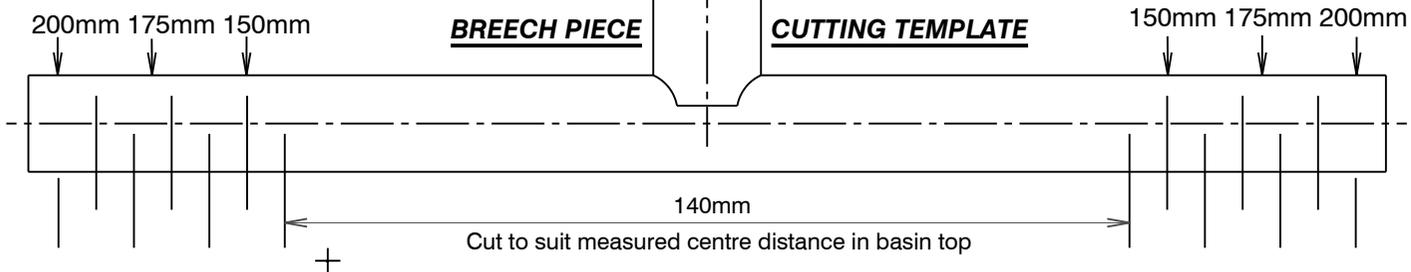
PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * Not suitable for gravity feed systems.
- * Fixed basin outlet is fitted with a flow regulator.
- 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 are recommended to be fitted to the inlet 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) Measure centre distance between tap body holes in deck, cut breech piece (16) to required length. (As a guide see cutting template below)
- 2) Install basin outlet (20) with seal (19) into deck, fit washer (18) and backnut (17) and tighten.
- 3) Fit compression nuts (15) and olives (14) to each end of breech piece (16), connect to tap bodies (13) and tighten compression nuts (15) slightly.
- 4) Screw one nut (12) fully onto each tap body (13) followed by the plastic spacer (11). Install assembly into deck ensuring 'O' rings on breech piece (16) are not damaged as they enter tail of basin outlet (20). Pass one locknut (5) through each bayonet adaptor (6) & assemble locknut (5) to each tap body (13). Rotate bayonet adaptors (6) so that cut-outs are aligned (Fig.3) then tighten nuts (12) using spanner (2).
- 5) Tighten compression nuts (15) on the breech piece (16).
- 6) To install ceramic disc cartridges (10), first identify cartridge spindle rotation by seal colour.
Hot Tap: use normal rotation cartridge (red seal).
Cold Tap: use contra rotation cartridge (blue seal)
- 7) Remove cartridge nut (8), cap (9) and fibre washer from cartridge (10). Screw cartridge (10) into tap body (13). Using supplied tube spanner (21), tighten cartridge (10) until it comes to a firm stop. (DO NOT TIGHTEN CARTRIDGE USING SPINDLE). Fit fibre washer and then cartridge nut (8) and tighten using tube spanner (21).



| IMPORTANT | |
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| Pressure & Temperature Requirements. | |
| <ul style="list-style-type: none"> • 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 | |
| <ul style="list-style-type: none"> • Centre distance between tap body holes :120-210mm • Deck thickness : 25mm maximum • Tap body holes (in deck) : Ø34-36mm • Tap outlet hole (in deck) : Ø22-30mm | |

- 8) With cartridge spindles (7) fully closed (Fig.2), position handle assemblies (1) as shown, before pushing handle assembly (1) fully onto spindle (7). **Note:** For small adjustments to handle positions, cartridge (10) can be rotated **slightly** in an anti-clockwise direction until handles are aligned (Fig.2) before tightening nut (8).
- 9) Pass one locknut (5) through each bayonet adaptor (6), assemble locknut (5) to tap body (13), rotate bayonet adaptors (6) so that cut-outs are aligned (Fig.3) then tighten nuts using spanner (2).
- 10) With cartridges (10) in the closed position and handle & flange assemblies (1) aligned on spindles (7) (step 8 & Fig.2), rotate each flange until it engages with the bayonet adaptor (6). Rotate the flange so that the screw is at the back then tighten screw (3) using allen key (4) provided.

Servicing the Flow Regulator (Fig 1)

- 1) If necessary, the flow regulator (22) can be accessed as follows: Unscrew backnut (17) & carefully remove basin outlet (20) from deck. The flow regulator is fitted into the tail of basin outlet (20). If required, flow regulator (22) can be extracted from the tail using a small hooked tool. Ensure flow regulator is clean and free of blockages.
- 2) Ensure flow regulator (22) is bottomed in bore of basin outlet tail (20). Fit basin outlet into deck ensuring that washer (18) passes over tail and 'O'Rings on breech piece (16) enter bore of tail without damage. Screw on backnut (17) & tighten.

Servicing the Aerator Insert (Fig 1)

If necessary, the aerator insert (24) can be removed for cleaning by using the spanner (23) provided.

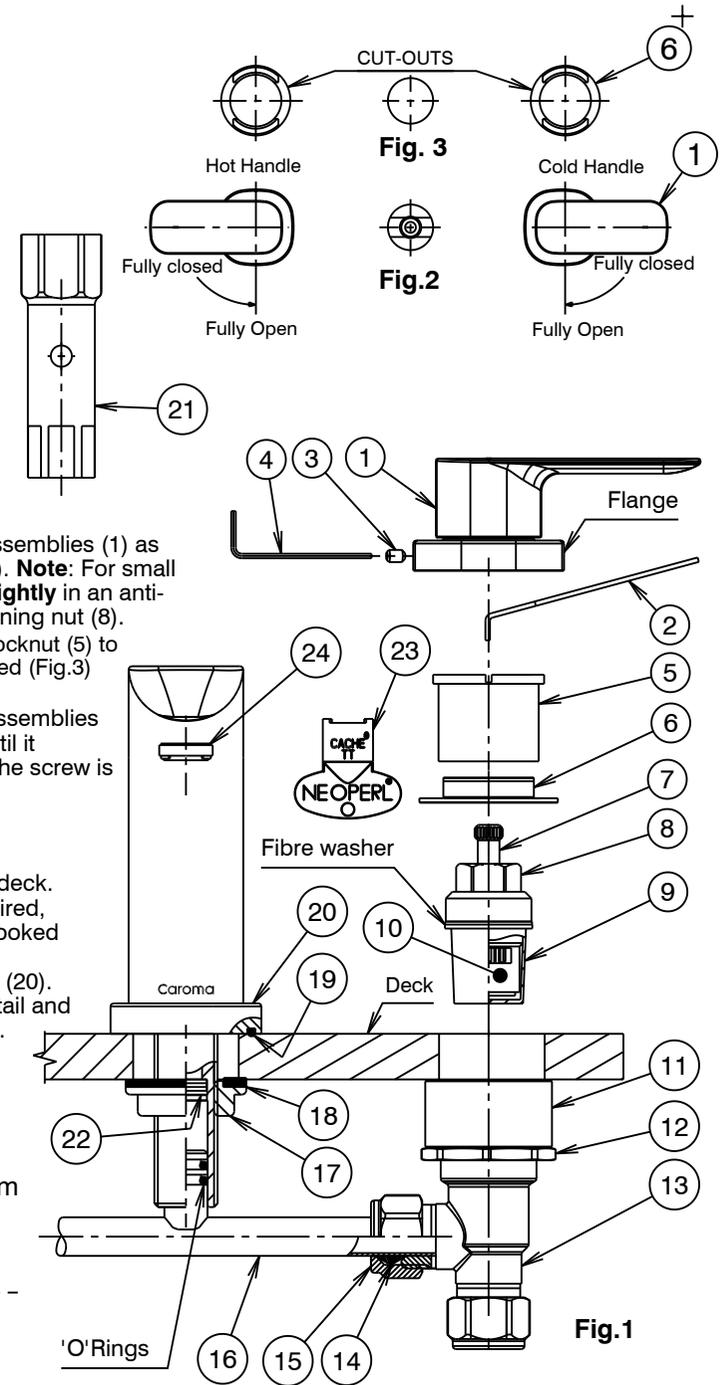


Fig.1