

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * **Not suitable for gravity feed systems.**
- * **Swivel basin outlet is fitted with 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 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.**
- Note: Aerator insert housing must be retightened to prevent removal by hand.**

Installation

- 1) Measure centre distance between tap body holes in deck, cut brench piece (19) to required length. (As a guide, subtract 30mm from centre distance of tap body holes to obtain brench piece (19) tube length).
- 2) Ensure the screw hole is placed at the back as shown in **Fig. 1**. Install basin outlet assembly (23) with seal (22). Fit washer (21) and backnut (20) and tighten.
- 3) Fit compression nuts (18) and olives (17) to each end of brench piece (19), connect to tap bodies (16) and tighten compression nuts (18) slightly.
- 4) Fit one locknut (15) and one washer (14) to each tap body (16). Install assembly into deck ensuring 'O' rings on brench piece (19) are not damaged as they enter tail of basin outlet (23). Fit remaining washer (14) and locknut (15), adjust locknuts (15) so that the tap bodies (16) protrude 5mm above the deck and tighten.
- 5) Tighten compression nuts (18) on the brench piece (19).
- 6) To install ceramic disc cartridges (12), first identify cartridge spindle rotation by seal (13) colour.
Hot Tap: use normal rotation cartridge (red seal).
Cold Tap: use contra rotation cartridge (blue seal).
- 7) Remove locknut (10), cap (11) and fibre washer from cartridge (12). Screw cartridge (12) into tap body (16). Using a suitable spanner, tighten cartridge (12) until it comes to a firm stop. (DO NOT TIGHTEN CARTRIDGE USING SPINDLE). Fit fibre washer and then locknut (10) and tighten using a suitable spanner.
- 8) Ensure handle insert (2) is in position in handle (1). With cartridge spindles in the fully closed position, position handles (1) as shown in **Fig. 2** before pushing handle (1) fully onto spindle (8). For small adjustments to handle positions, cartridge (12) can be rotated slightly in an anti-clockwise direction until handles are aligned as shown in **Fig. 2** before tightening locknut (10). Remove handles (1).

- 9) Ensure 'O'-rings (9) are fitted into groove of cartridge spindle (8). Screw on flanges (6) with 'O' rings to each locknut (10) and tighten securely by hand, taking care not to damage decorative finish. Fit trim sleeves (7) over each cartridge spindle (8) and push them down until they seat on cartridges.
- 10) Fit handle assembly as follows:-
i) Turn both spindles (8) to the fully closed position.
ii) Place retaining nut (4) over spindle (8), with slot facing down.
iii) Fit retaining clip (3) into groove at bottom of spline in spindle (8).
iv) Ensure handle insert (2) is in position in handle (1). Fit handle (1) to spline of spindle, position handle as before then push firmly down until it bottoms internally.
v) Screw retaining nut (4) into handle and tighten with spanner (5) provided.

Removing Aerator Insert

- 1) Aerator insert (24) can be removed with the key (25) provided.
- 2) Deposits of lime can be removed by washing in a vinegar solution.
- 3) Screw new aerator insert (24) into outlet tube of basin outlet (13) and tighten securely with the key (25).

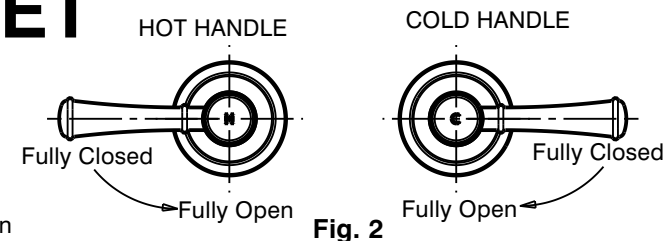


Fig. 2

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	
• 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	

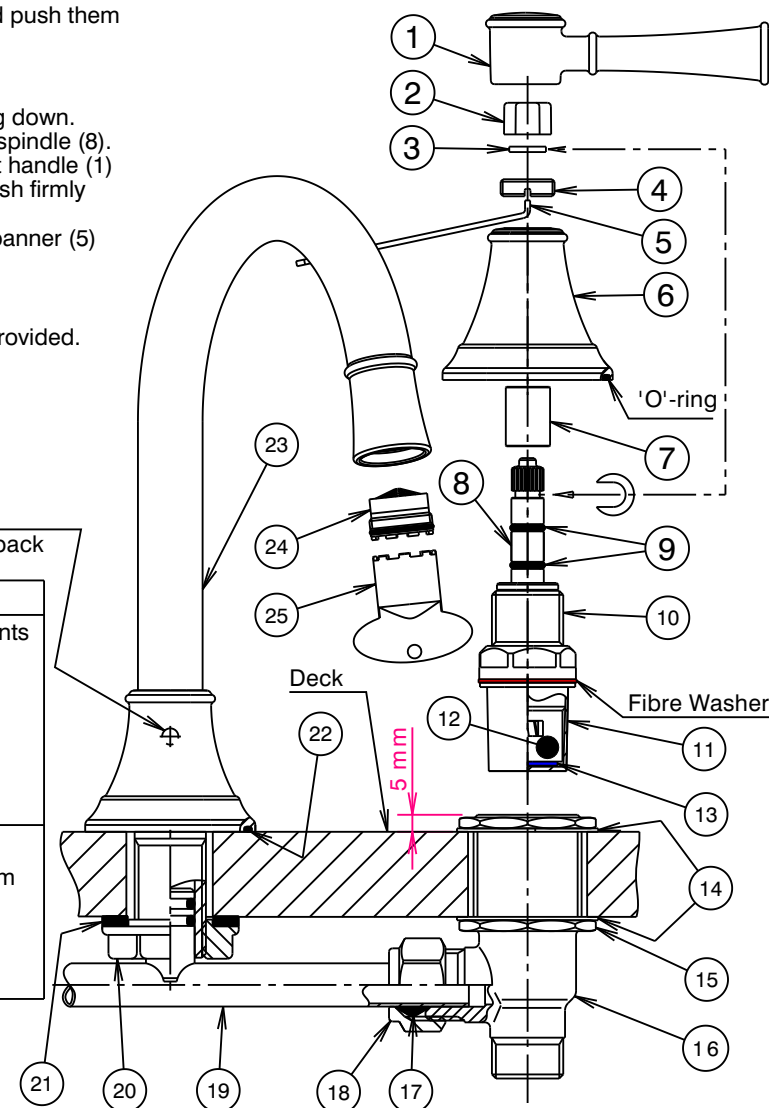


Fig. 1