

CAROMA RIVIERE - WALL BASIN & BATH SET

WATER EFFICIENT TAPWARE

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * **Not suitable for gravity feed systems.**
- * **Basin outlet 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. For applications where flow regulation is not suitable (e.g. bath) a full flow aerator insert has been provided within the packaging. To convert the basin outlet to a bath outlet, refer to 'Removing Aerator Insert'**
- * **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) Check that the face of the recess tap body (1) is 0-13mm from the wall/tile face, as shown in Fig. 1.
- 2) Check seats in recess tap bodies (1) are in good condition and free of foreign materials. Reseat if required. **Important:** All pipework must be thoroughly flushed prior to installation, to remove all foreign matter.
- 3) To install ceramic disc cartridges (3), first identify cartridge spindle rotation by seal (2) colour.
Hot Tap: use normal rotation cartridge (red seal)
Cold Tap: use contra rotation cartridge (blue seal)
- 4) Remove locknut (5), cap (4) and fibre washer from cartridge (3). Screw cartridge (3) into tap body (1). Using a suitable spanner, tighten cartridge (3) until it comes to a firm stop. (DO NOT TIGHTEN CARTRIDGE USING SPINDLE). Fit fibre washer and then locknut (5) and tighten using a suitable spanner.
- 5) Ensure handle insert (13) is in position in handle (14). With cartridge spindles in the fully closed position, position handles (14) as shown in Fig. 2 before pushing handle (14) fully onto spindle (6). For small adjustments to handle positions, cartridge (3) can be rotated slightly in an anti-clockwise direction until handles are aligned as shown in Fig. 2 before tightening locknut (5). Remove handles (14).
- 6) Ensure 'O'-rings (7) are fitted into groove of cartridge spindle (6). Screw on flanges (9) to each locknut (5) and tighten securely by hand, taking care not to damage decorative finish. Fit trim sleeves (8) over each cartridge spindle (6) and push them down until they seat on cartridges.
- 7) Fit handle assembly as follows:-
i) Turn both spindles (6) to the fully closed position.
ii) Place retaining nut (11) over spindle (6), with slot facing down.
iii) Fit retaining clip (12) into groove at bottom of spline in spindle (6).
iv) Ensure handle insert (13) is in position in handle (14). Fit handle (14) to spline of spindle, position handle as shown in Fig. 2 before then push firmly down until it bottoms internally.
v) Screw retaining nut (11) into handle and tighten with spanner (10) provided.

- 8) Check that threaded nipple (15) is the correct length, as shown. Cut to length if required ensuring end face is square. Apply thread tape to the thread. **Important:** Care must be taken that thread tape cannot become dislodged and block the flow regulating device, causing a reduction in water flow.
- 9) Slide the cover plate (16) (fitted with the seal) over the outlet (17) as shown. Carefully screw the outlet (17) onto the threaded nipple (15) until the threaded end is close to the wall/tile face and the aerator insert (18) is pointing down as shown, taking care not to damage the decorative finish. **DO NOT OVERTIGHTEN.** Push the cover plate (16) along the outlet (17) until it contacts the wall/tile face.

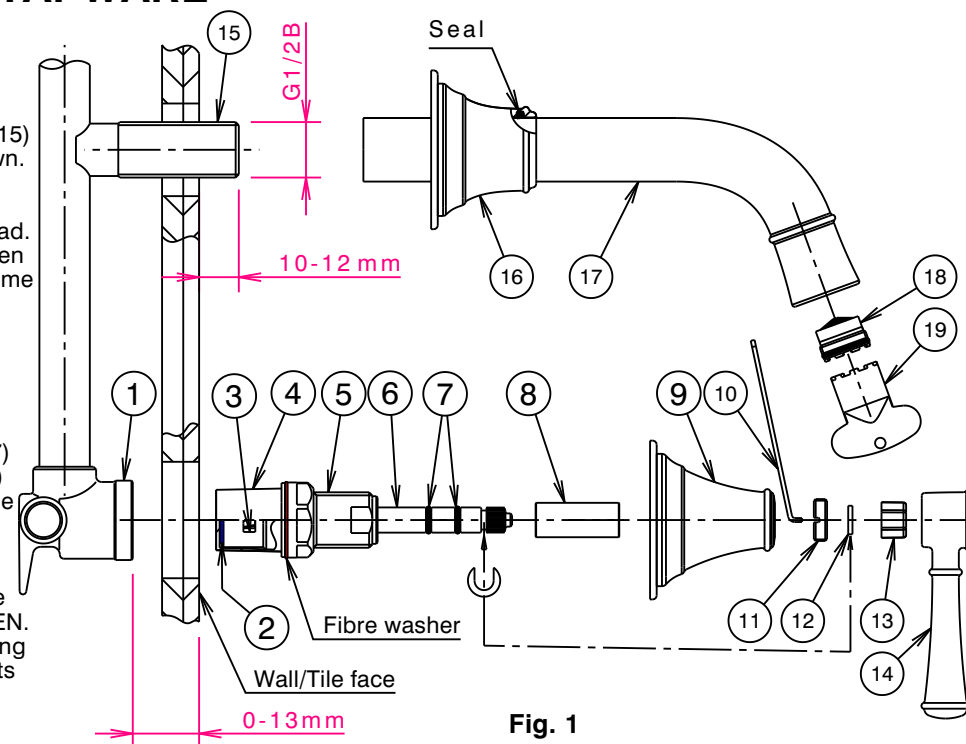


Fig. 1

Removing Aerator Insert

- 1) Aerator insert (18) can be removed with the key (19) provided.
- 2) Deposits of lime can be removed by washing in a vinegar solution.
- 3) When replacing aerator insert (18), 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 (19).

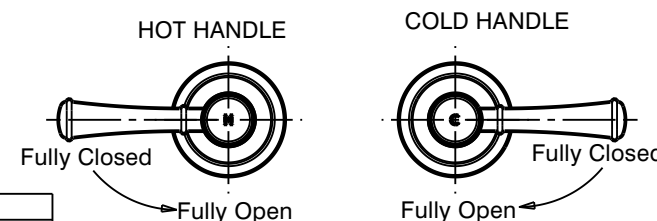


Fig. 2

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.