

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * **HOT & COLD WATER INLET PRESSURES MUST BE EQUAL.**
- * **Not suitable for gravity feed systems.**
- * **Basin outlet is fitted with a flow regulated aerator insert (15). 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'
- * **Brazed connections should NOT be made directly onto the mixer, as excessive heat will cause permanent damage.**
- * **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 must be retightened by hand.**

Installation (Fig. 1, Fig. 2&Fig. 4)

- 1) Fit mixer body assembly (9+10) onto a suitable mounting plate or noggin in the wall and secure using screws through the holes in its base. When facing the mixer, the connections should be as follows (**Fig.2**):
Hot water inlet connection 'H' below mixer cartridge.
Cold water inlet connection 'C' to the right of mixer cartridge.
Mixed water outlet connection, to the left of mixer cartridge.
Check all connections for leaks and the tap for correct operation.
- Important :**
- * To avoid damaging the decorative finish, do not remove the plastic protective sleeve until installation has been completed.
 - * Mixer body (9+10) must be installed square to wall/tile face and horizontal to ensure cover plate (5&18) aligns with finished tile joints.
- 2) Apply a suitable clear sealant to the back edge of the cover plate (5), leaving an unsealed section at the bottom for drainage (**See Fig. 1**). Carefully slide the cover plate (5) together with seal onto the mixer body (10), push firmly against the cover plate (5) until it contacts the wall/tile face & the sealant has formed a waterproof joint. Wipe clean any excess sealant from surfaces & the wall/tile face (**See Fig. 1**).

- 3) Apply thread tape to the thread of mixer body (10).
Important: Care must be taken that thread tape cannot become dislodged and block the flow regulating device, causing a reduction in water flow. To ensure correct installation, length of exposed thread must not exceed 10mm from cover plate (18).
- 4) Apply a suitable clear sealant to the back edge of the cover plate (18), leaving an unsealed section at the bottom for drainage (**See Fig. 4**). Carefully slide the cover plate (18) onto the mixer body (10), push firmly against the cover plate (18) until it contacts the wall/tile face & the sealant has formed a waterproof joint. Wipe clean any excess sealant from the surfaces & the wall/tile face (**See Fig. 4**).
- 5) Screw the spigot (11) onto the thread of elbow (10) using a 8mm allen key (19+) until the cover plate (18) is held securely against the wall/tile face. DO NOT OVERTIGHTEN.
Apply suitable lubricant to 'O'Rings (12). Fit wall outlet (13) onto the spigot (11), then carefully push it firmly against the cover plate (18) while tightening grub screws (17) using the 2.5mm allen key (3) provided. Take care that the aerator insert (15) is pointing downwards as shown (**See Fig. 4**) before tightening screws (17).
- 6) Fit handle (1) taking care that it is pushed fully onto cartridge stem, tighten screw (2) using the 2.5mm allen key (3) then fit plug (4).
- 7) Turn on Hot and Cold water supplies and check operation.

Replacing Cartridge (Fig. 1)

- 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 (6) taking care not to damage the decorative finish. Unscrew nut (7) then lift out old cartridge (8).
- 3) Ensure inside face of mixer body (9) is clean. Check that seal is 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 10 Nm.
- 5) Fit handle (1) taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2) using the 2.5mm allen key (3). Replace plug (4), taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.

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.

Installation Requirements.

- The installing plumber is responsible for waterproofing all penetrations for Taps in Shower areas at installation by a proprietary flange system or a sealant. (Ref AS3740)

+ Not supplied.

Removing Aerator Insert

- 1) Carefully remove aerator housing (16) from wall outlet (13), taking care not to damage the decorative finish.
- 2) Remove rubber seal (14) & aerator insert (15) from aerator housing (16). Check that aerator housing (16) is clean.
Deposits of lime can be removed by washing in a vinegar solution.
- 3) Fit new aerator insert (15) into aerator housing (16) followed by rubber seal (14) then screw assembly onto outlet (13) and tighten securely (to prevent removal by hand).

stylus

BASIS R4 - WALL BASIN/BATH MIXER

WATER EFFICIENT TAPWARE

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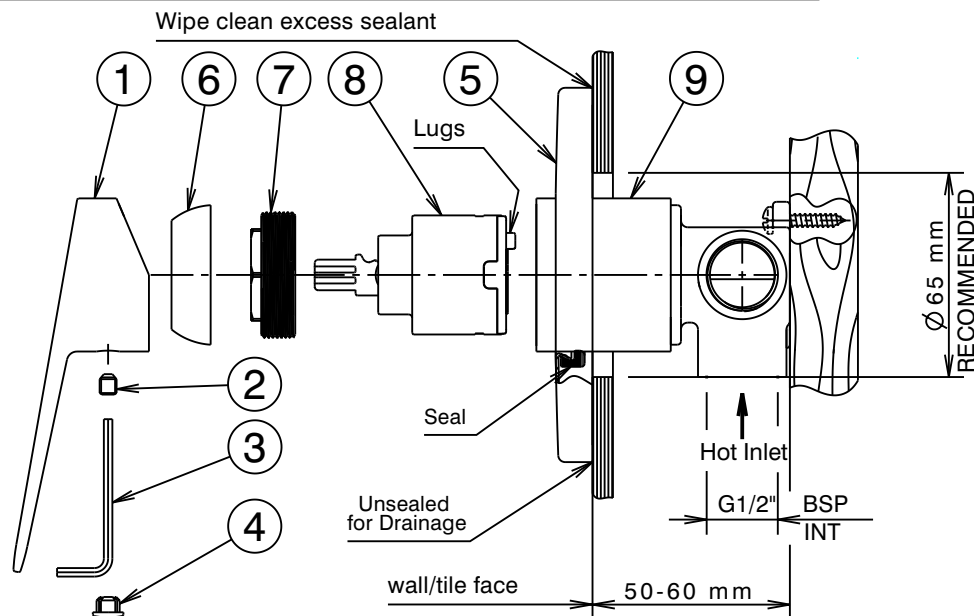


Fig. 1

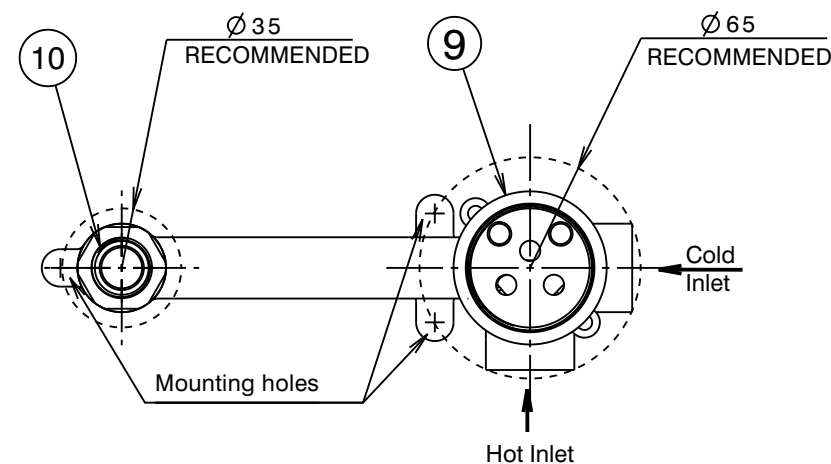


Fig. 2

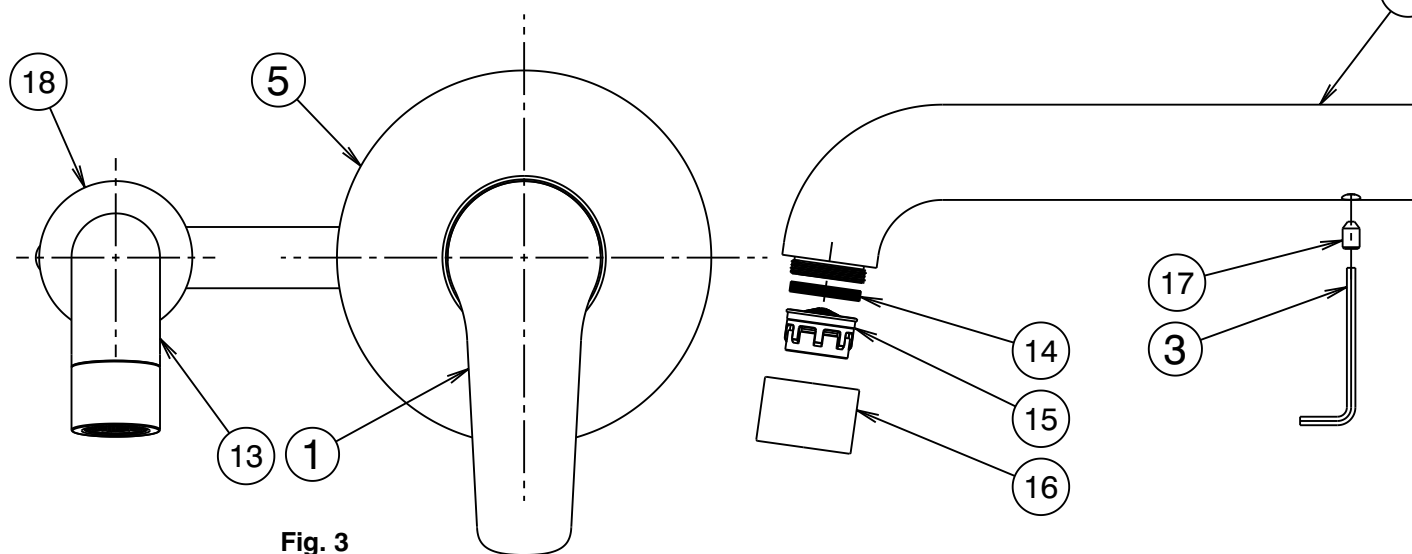


Fig. 3

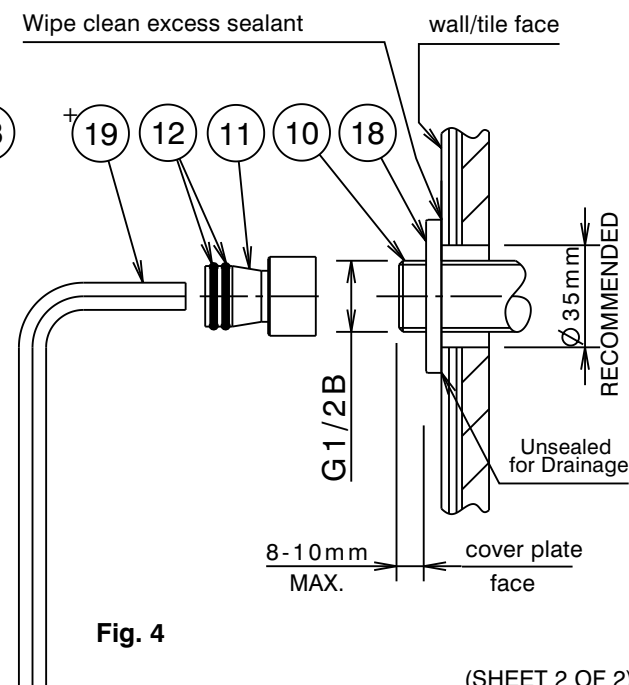


Fig. 4