



# INDUSTRIE- BATH/SHOWER MIXER WITH DIVERTER

## PLUMBERS INSTALLATION INSTRUCTIONS

### Important Information

- \* **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.**
- \* **Final install must be checked at rough-in stage (step 1)**
- \* **The in-wall range (base to wall face) is non-standard.**
- \* **This mixer is fitted with a 'Progressive' cartridge. To operate the cartridge, the handle is rotated clockwise (Fig.3). The first 90° of handle rotation will only select cold water. Further rotation of the handle will deliver a mixture of hot and cold. When the handle is rotated fully clockwise, only hot water will flow.**

### Installation (Fig. 1 - 3)

- 1) Fit mixer body (11) onto a suitable mounting plate or noggin in the wall and secure using screws (not supplied) through the holes in its base. When facing the mixer, the connections should be as follows:  
Hot water inlet connection 'H' to the left.  
Cold water inlet connection 'C' to the right.  
Outlet to shower 'S', vertically upwards.  
Outlet to bath 'B', vertically downwards.  
Check all connections for leaks & mixer for correct operation.
- Important :**
  - \* To avoid damaging the decorative finish, do not remove the protective sleeves until installation has been completed.
  - \* The mixer body (11) must be installed square to wall/tile face to ensure that wall cover plate (8) aligns with tile joints.
- 2) Rotate the diverter spindle anti-clockwise to the stop position. Apply a suitable clear sealant to the back edge of the cover plate (8), leaving an unsealed section at the bottom for drainage. Carefully slide the cover plate (8) together with 'O'Ring (8a) over the mixer sleeve (7). Push the cover plate (8) firmly against the wall/tile face. Align the lever of the diverter knob assembly (12) to be vertically up (Fig.3) then pass the diverter sleeve through the hole in the cover plate (8) and 'O'Ring (8b). Engage the diverter knob assembly with the spline of the diverter spindle (lever up) then screw the chrome sleeve into the nut (13) and tighten by hand. Wipe/clean any excess sealant from the chrome surfaces & the wall/tile face (Fig.1).
- 3) Adaptor (6) must be engaged with spline of cartridge (10) spindle, as shown (Fig.1). Fit handle (5) onto spline of adaptor (6) then install screw (2) together with toothed washer (4) and spring washer (3) in the order shown. Tighten screw (2) using a suitable screw driver. Rotate the handle (5) anti-clockwise to the stop then insert

IMPORTANT	
<b>Pressure &amp; Temperature Requirements.</b>	
•	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.
<b>Installation Requirements.</b>	
•	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)

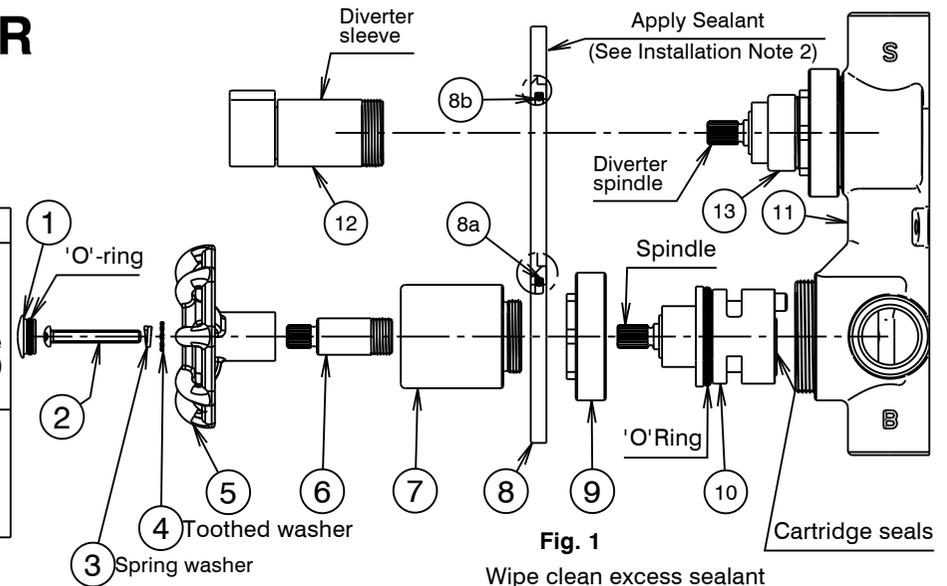


Fig. 1

3) (Cont.)

button (1) into handle (5), ensuring indicator markings are in correct alignment (Fig.3).

4) Turn on Hot and Cold water supplies and check operation.

**Note:** Diverter knob vertically up = shower  
Rotate clockwise to vertical down = bath (Fig.5)

### Replacing Cartridge

1) Turn off hot and cold water supplies.

2) Carefully pry out button (1), taking care not to damage the decorative finish. Loosen screw (2) using a suitable screwdriver then remove screw together with washers (3 & 4). Remove handle (5) and adaptor (6). Unscrew the chrome diverter sleeve (12) by hand and remove the diverter knob assembly. Separate the cover plate (8) from the wall/tile surface and slide the plate along the mixer sleeve (7) to remove. Unscrew mixer sleeve (7), taking care not to damage the decorative finish. Unscrew retaining nut (9) (28mm A/F) then lift out old cartridge (10).

3) Ensure inside face of mixer body (11) is clean. Check that seals are in position in base of new cartridge (10). Fit new cartridge (10) into mixer body (11), taking care the lug on base of cartridge (10) fits into mating hole in mixer body (11). Screw on nut (9). **Important:** Nut (9) should be tightened until solid. Replace the mixer sleeve (7), tightening by hand.

4) Replace the cover plate (8) (see installation step 2). To replace the handle (5) go to step 3 (Installation).

5) Turn on water supplies and check operation.

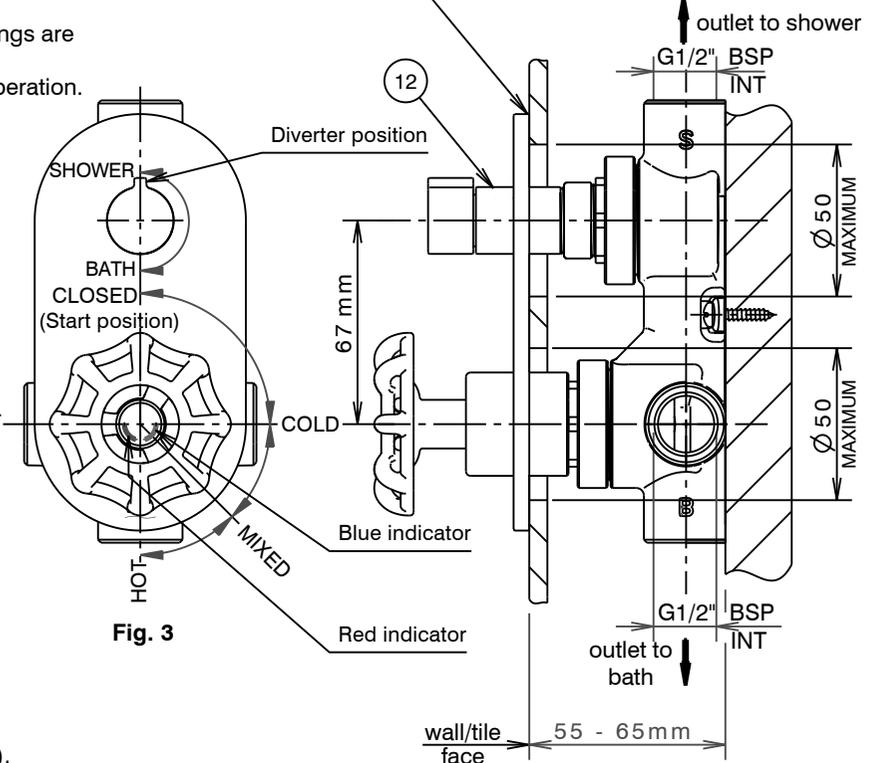


Fig. 3

Fig. 2