

caroma® TRACK – 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.

Installation (Fig. 1 & 2)

- 1) Fit mixer body (13) 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 :
Hot water inlet connection (RED Dot), to the left.
Cold water inlet connection (BLUE Dot), to the right.
Outlet to shower 'S', vertically upwards.
Outlet to bath 'B', vertically downwards.
Check all connections for leaks.
- 2) Apply a suitable clear sealant to the back edge of the cover plate (5), leaving an unsealed section at the bottom for drainage. Carefully slide the cover plate (5) onto the mixer body (13) and the diverter sleeve (14), ensuring that the 'O'Rings (6) remain in their grooves, then push the cover plate firmly against the wall/tile face. Wipe clean any excess sealant from the chrome surfaces & the wall/tile face (See Fig. 1).
- 3) Fit handle (1) taking care that it is pushed fully down, tighten screw (2) using the 2.5mm allen key (3) then fit plug (4).

Replacing Cartridge (Fig. 2)

- 1) Turn off hot and cold water supplies.
- 2) Carefully remove plug (4). Using 2.5mm allen key (3) loosen screw (2) and remove handle (1). Unscrew cap (7) taking care not to damage the decorative finish. Unscrew nut (8), then lift out old cartridge (11).
- 3) Ensure inside of mixer body (13) is clean. Check that seal (12) is in position in base of new cartridge (11). Fit new cartridge (11) into mixer body, taking care that two lugs on base of cartridge (11) fit into mating holes in mixer body (13).
- 4) Screw on nut (8). **Important** : Nut (8) should be tightened to a torque of 10Nm.
- 5) Replace cap (7), tightening by hand. Fit handle (1) taking care that it is pushed fully down, tighten screw (2) and replace plug (4).
- 6) Turn on water supplies and check operation.

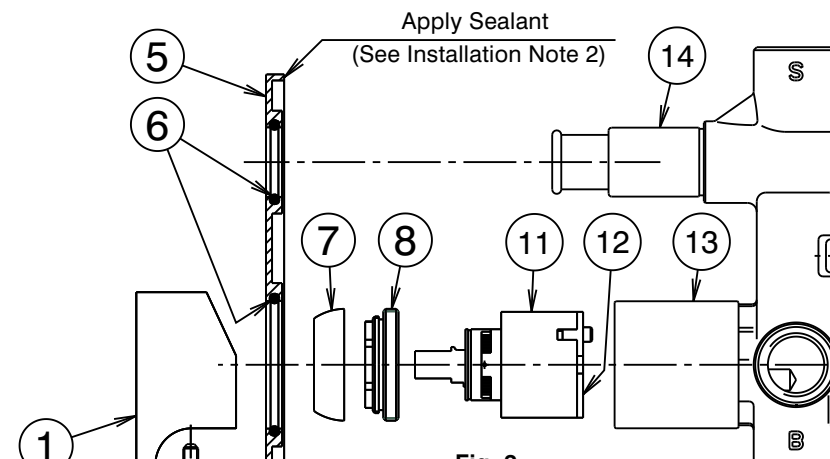


Fig. 2

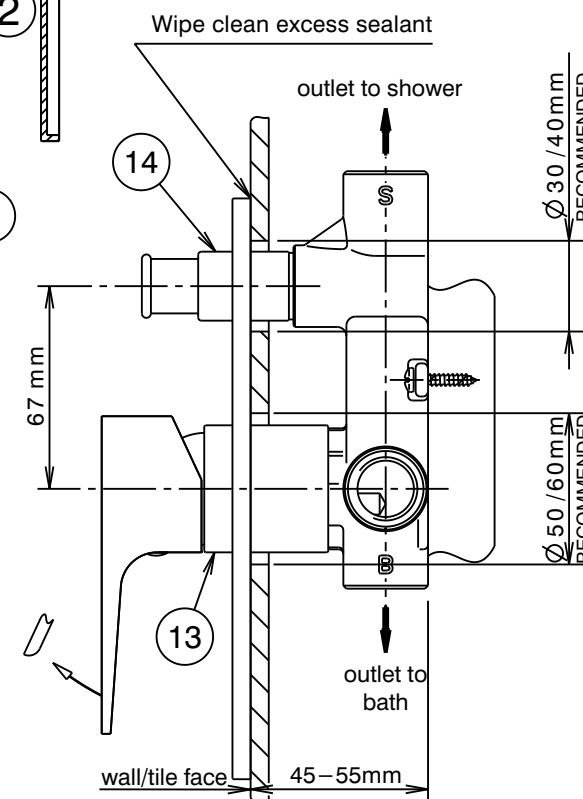


Fig. 1

IMPORTANT	
<u>Pressure & Temperature Requirements.</u>	
<ul style="list-style-type: none"> • Hot and cold water inlet pressures should be equal. • Inlet pressure range : 150 – 1000 kPa New Regulation : –500 kPa maximum operating pressure at any outlet within a building. (Ref. AS/NZS 3500.1 – 2003, Clause 3.3.4) • Maximum hot water temperature : 80°C. 	
<u>Installation Requirements.</u>	
<ul style="list-style-type: none"> • 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 – 2004, Clause 5.8.1) 	

PLUMBERS ADJUSTMENT INSTRUCTIONS

Adjusting the HOT LIMIT RING (ANTI-SCALD STOP RING)

The cartridge fitted in this mixer has been factory pre-set to deliver the maximum available hot water temperature. To use the ANTI-SCALD feature adjust the cartridge as follows: –

Carefully remove plug (4). Using 2.5mm allen key (3) loosen screw (2) and remove handle (1). Unscrew cap (7) taking care not to damage the decorative finish. (See details on side 1 of this sheet.)

To remove the Hot Limit Ring (9) from the cartridge (11), use a small thin flat bladed screwdriver and carefully lever in an upwards direction.

Rotate the Ring (9) in a clockwise direction then refit the Ring (9) onto the cartridge (11).

Note: – Start by rotating the Ring (9) in small increments, then check the hot water temperature with the mixer handle in the fully open maximum hot water position. The Ring (9) can be removed & repositioned until the desired maximum hot water temperature is achieved.

Ensure the Ring (9) is pushed fully down onto the cartridge (11), then replace cap (7), tightening by hand. Fit handle (1), taking care that it is pushed fully down, tighten screw (2) and replace plug (4).

Adjusting the WATER VOLUME LIMIT SCREW

The cartridge fitted in this mixer has been factory pre-set to deliver the maximum flow of water when the mixer handle is in the fully open position.

Important Note: – Lower flow rates 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.

However the flow of water may be reduced by adjusting the cartridge as follows: –

Carefully remove plug (4). Using 2.5mm allen key (3) loosen screw (2) and remove handle (1). Unscrew cap (7) taking care not to damage the decorative finish. (See details on side 1 of this sheet.)

Using a small thin flat bladed screwdriver, adjust screw (10) in an anti-clockwise direction.

Note: – Start by rotating the Screw (10) in small amounts then check the flow of water with the mixer handle in the fully open position. Readjust the screw until the desired water flow is achieved.

Replace cap (7), tightening by hand. Fit handle (1), taking care that it is pushed fully down, tighten screw (2) and replace plug (4).

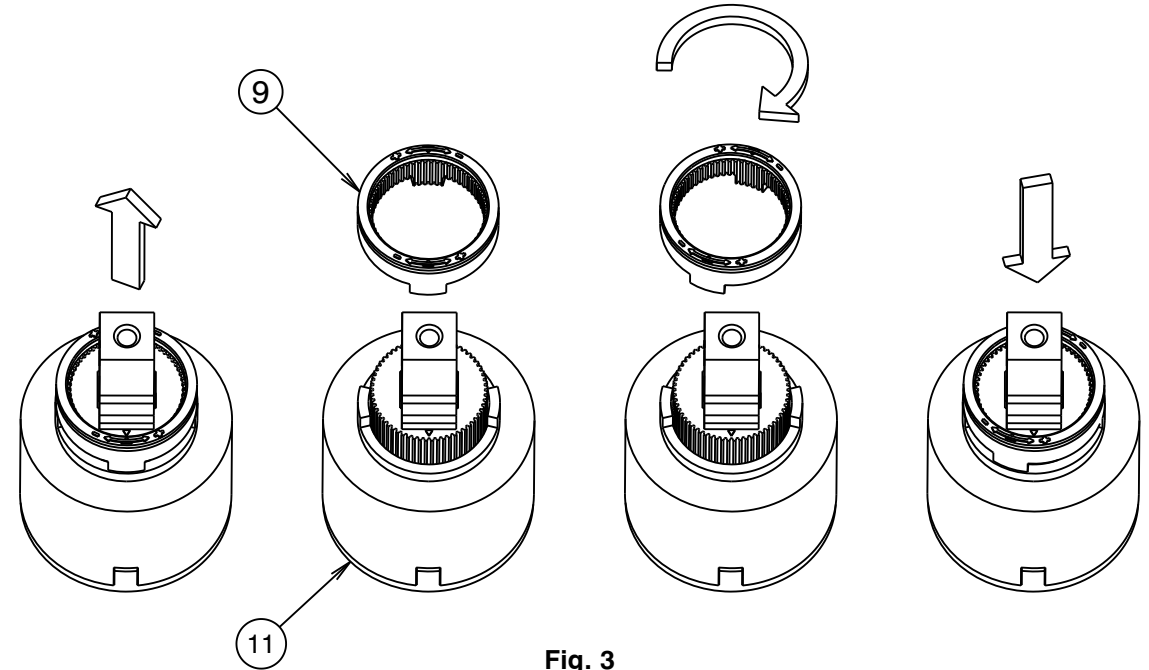


Fig. 3

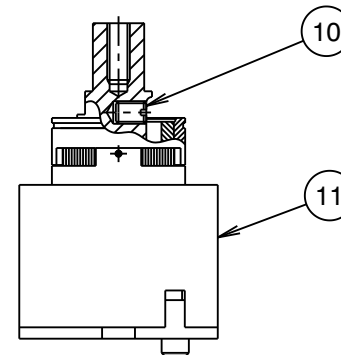


Fig. 4

FIXED WALL SHOWER

WATER EFFICIENT TAPWARE

(NOMINAL FLOW RATE = 8 L/min)

IMPORTANT	
Pressure & Temperature Requirements.	
•	Hot and cold water inlet pressures should be equal.
•	Inlet pressure range : 150 – 1000 kPa New Regulation : –500 kPa maximum operating pressure at any outlet within a building. (Ref. AS/NZS 3500.1 – 2003, Clause 3.3.4)
•	Maximum hot water temperature : 80°C.

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * Showerhead is fitted with a 9 L/min flow regulator.
- * Not suitable for gravity feed systems.
- * All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- * Threaded nipple (1) must be square to Wall/Tile face to ensure correct installation.
- * Turn off hot and cold water supplies before installation.

Installation

- 1) Check that threaded nipple (1) is the correct length, as shown. Cut to length if required ensuring end face is square. Apply thread tape to the thread.
- 2) Slide brass washer (3) followed by cover plate (2) onto plain diameter of adaptor (4), as shown. Screw adaptor (4) onto threaded nipple (1) until cover plate (2) is held securely against wall/tile face and its top/bottom edge is horizontal, as shown in Fig. 2. DO NOT OVERTIGHTEN. Apply suitable lubricant to O'Rings (5) on adaptor (4).
- 3) Fit shower arm (6) onto spigot of adaptor (4) and position base of shower arm against the cover plate (2), taking care not to damage the decorative finish. While the shower arm is held in the correct position against the cover plate, tighten screws (10) using 2.50mm allen key (9) until the shower arm base (6) is held firmly against the cover plate (2).
- 4) Ensure strainer washer (7) is fitted to the inlet socket of the showerhead (8). Screw the inlet socket of the showerhead (8) onto the outlet thread of the shower arm (6). Tighten using a suitable spanner, taking care not to damage the decorative finish.

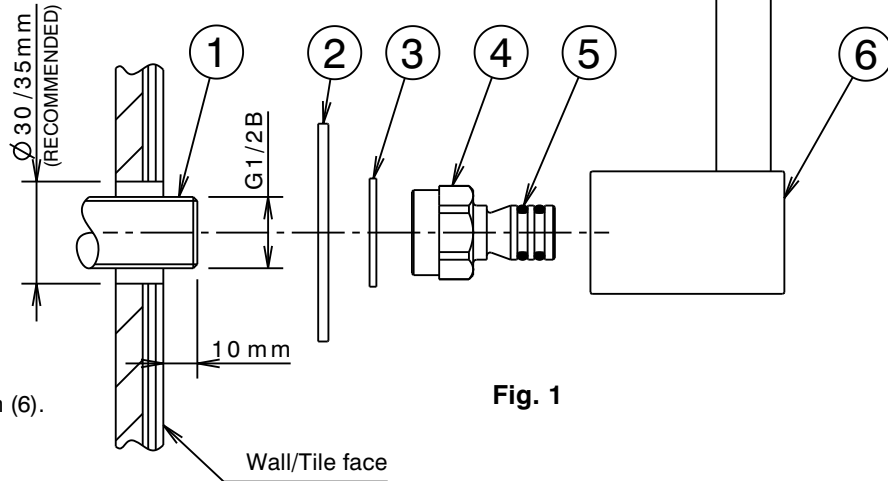


Fig. 1

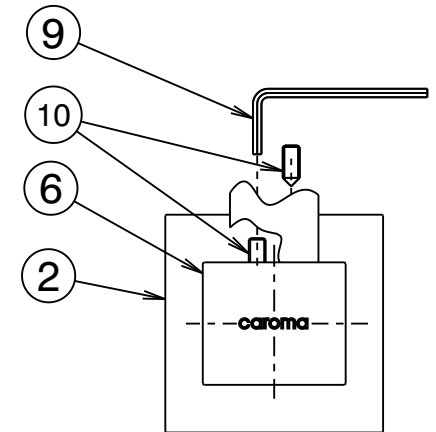
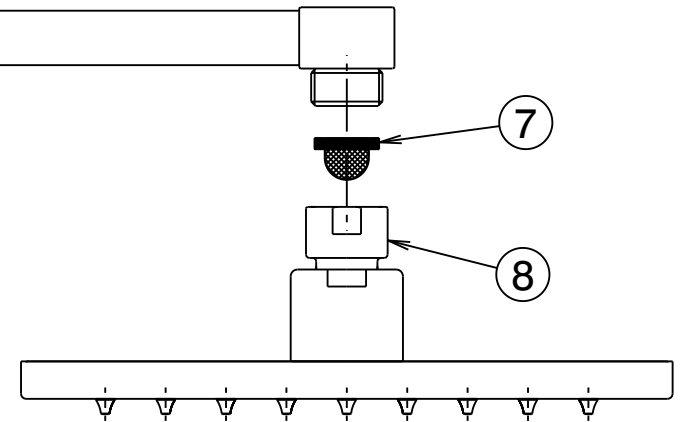


Fig. 2

HANDSHOWER

WATER EFFICIENT TAPWARE

(NOMINAL FLOW RATE = 9 L/min)

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * Wall elbow (6) is fitted with a 9 L/min flow regulated check valve (9).
- Note: warranty is void if check valve (8) & flow regulated check valve (9) are not installed as shown.**
- * Not suitable for gravity feed systems.
- * All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- * Threaded nipple (1) must be square to Wall/Tile face to ensure correct installation.
- * To prevent drill from wandering on tiled surface it is recommended that masking tape be applied prior to drilling the tiled surface. Mark out the centres ensuring the centres are horizontal.
- * Turn off hot and cold water supplies before installation.

Installation

- 1) Check that threaded nipple (1) 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.
- 2) Slide brass washer (3) followed by cover plate (2) onto plain diameter of adaptor (4), as shown. Screw adaptor (4) onto threaded nipple (1) until cover plate (2) is held securely against wall/tile face and its top/bottom edge is horizontal, as shown in Fig. 2. **DO NOT OVERTIGHTEN.** Apply suitable lubricant to 'O'Rings (5) on adaptor (4).
- 3) Fit wall elbow (6) onto spigot of adaptor (4) and position base of wall elbow against the cover plate (2), taking care not to damage the decorative finish. While the wall elbow is held in the correct position against the cover plate, tighten screws (7) using 2.50mm allen key (13) until the wall elbow base (6) is held firmly against the cover plate (2).
- 4) Determine a position for the handshower holder (17), ensuring it is at a suitable height for all users. Using the mounting plug (18) as a template, mark out the holes for drilling.
(Note: The holes in the mounting plug (18) must be horizontal and the flat must be at the bottom.)

SOLID WALLS: – (Brick, masonry blocks, concrete etc)

- i) Drill holes 6.00mm diameter, 40mm deep.
- ii) Insert tapered end of wall plugs (20) into drilled holes and tap until flush with surface.

CAVITY WALLS: – (Villaboard/tile etc)

- i) Drill holes 6.00mm diameter.
- ii) Insert tapered end of wall plugs (20) into drilled holes and tap until flush with surface.

- 5) Place both screws (19) through the holes of the mounting plug (18), check that the flat is at the bottom, then tighten screws into installed wall plugs. Fit handshower holder (17) onto mounting plug (18) and tighten screw (21) using 3mm allen key (22).
- 6) Ensure that check valve (8), flow regulated check valve (9) and 'O' ring (10) are in position in the wall elbow. Ensure rubber washer (11) is in place in the hexagon nut on the shower hose (12), then screw onto wall elbow (6) and tighten. Ensure rubber washer (15) is in position in the conical fitting (14) on the shower hose (12). Screw the conical fitting (14) onto handshower (16) and tighten. Fit handshower into handshower holder (17) and tighten. **Important:** If water does not flow from the handshower (16) make sure that check valves (8 & 9) are installed with the arrows pointing in the direction of flow.

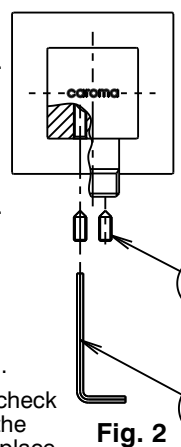


Fig. 2

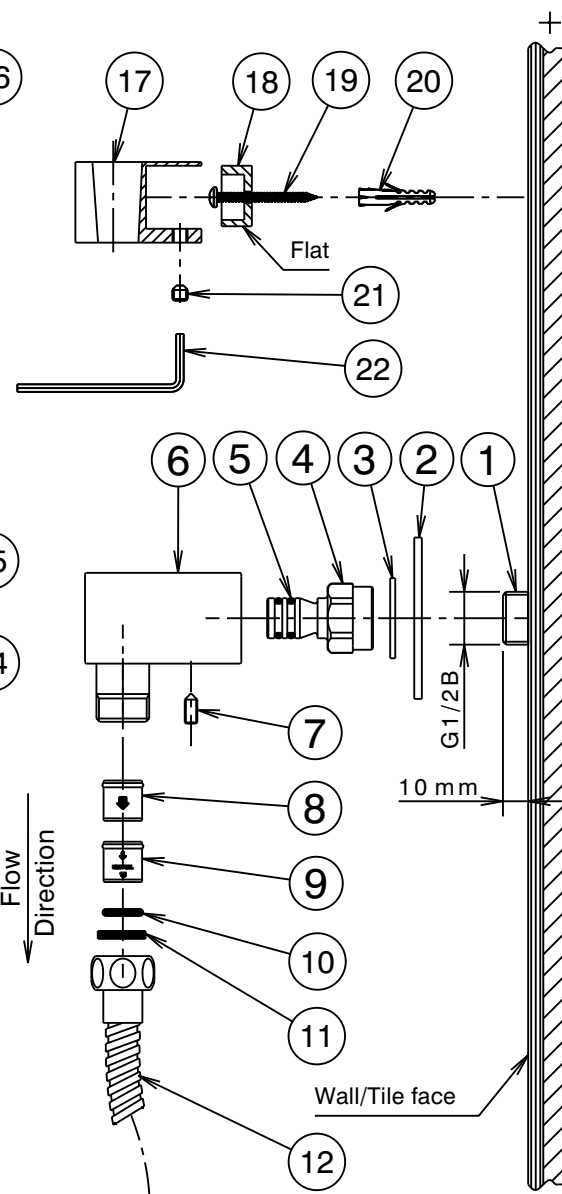


Fig. 1

IMPORTANT	
Pressure & Temperature Requirements.	
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•	Maximum hot water temperature : 80°C.