INTIMACY

MANUAL OF INSTRUCTIONS

GENERAL FEATURES

This mixer is suitable for all water heating systems provided it is installed correctly by a competent and qualified installer.

OPERATING SPECIFICATIONS

Hot water supply temperature:

Maximum: 85°C
Advisable: 65°C
Minimum: 5°C
Minimum difference between hot and mixed temperature 10°C
The temperature of the inlet hot water must be higher than the maximum mixed water temperature required from the outlet.

Working pressures

Maximum: 10 bar

Minimum:0.1 bar
Hot and cold operating pressures should be kept as balanced as possible in order to maintain maximum efficiency.
When the supply pressure is higher than 5 bar a pressure reducing valve should be fitted before the shower mixer.

TECHNICAL DATA

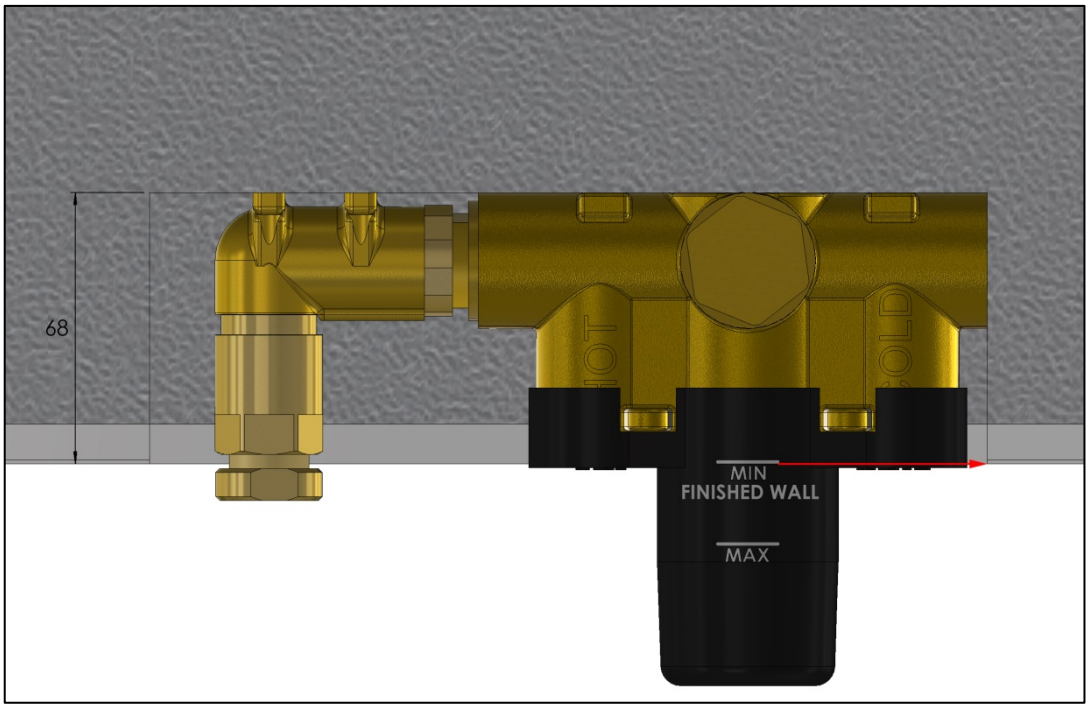
The temperature control knob is pre-set from the manufacturer at 38°C.
The mixer ports are supplied with a female thread G ½", G ¾", NPT½", NPT ¾".
The thermostatic mixer is provided with an additional outlet at the base of the mixer.
When using the bottom outlet a flow control is required between the mixer and the outlet.
The bottom outlet is sealed with a removable plug.

PLUMBING RECOMMENDATIONS

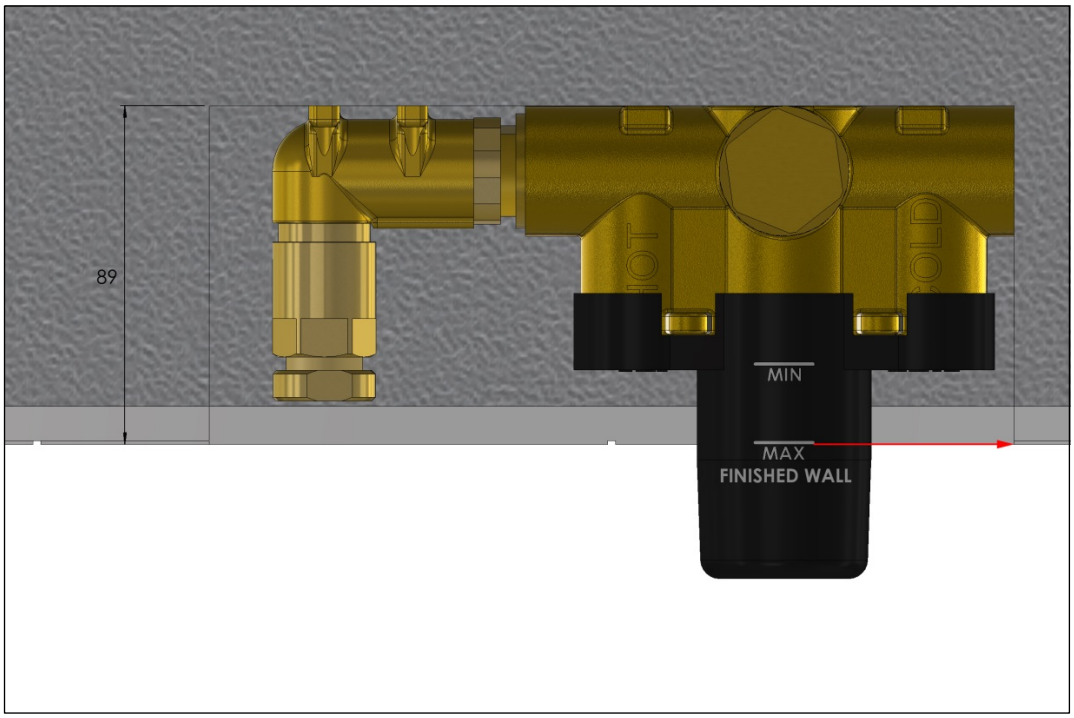
- An independent hot and cold water supply is required for the shower system.
- The recommended pipe work should be 22mm minimum for low pressure system.
- If more than one shower mixer is installed, the minimum feed should be 28mm. (ensure adequate supply of both hot and cold water can be maintained)
- **READ CAREFULLY THIS MANUAL BEFORE USING YOUR MIXER AND KEEP IT AT HAND FOR FUTURE REQUIREMENTS**

INSTALLATION

Consider the thickness of the final coating (tiles, marble etc.)



MINIMUM FINISHED WALL

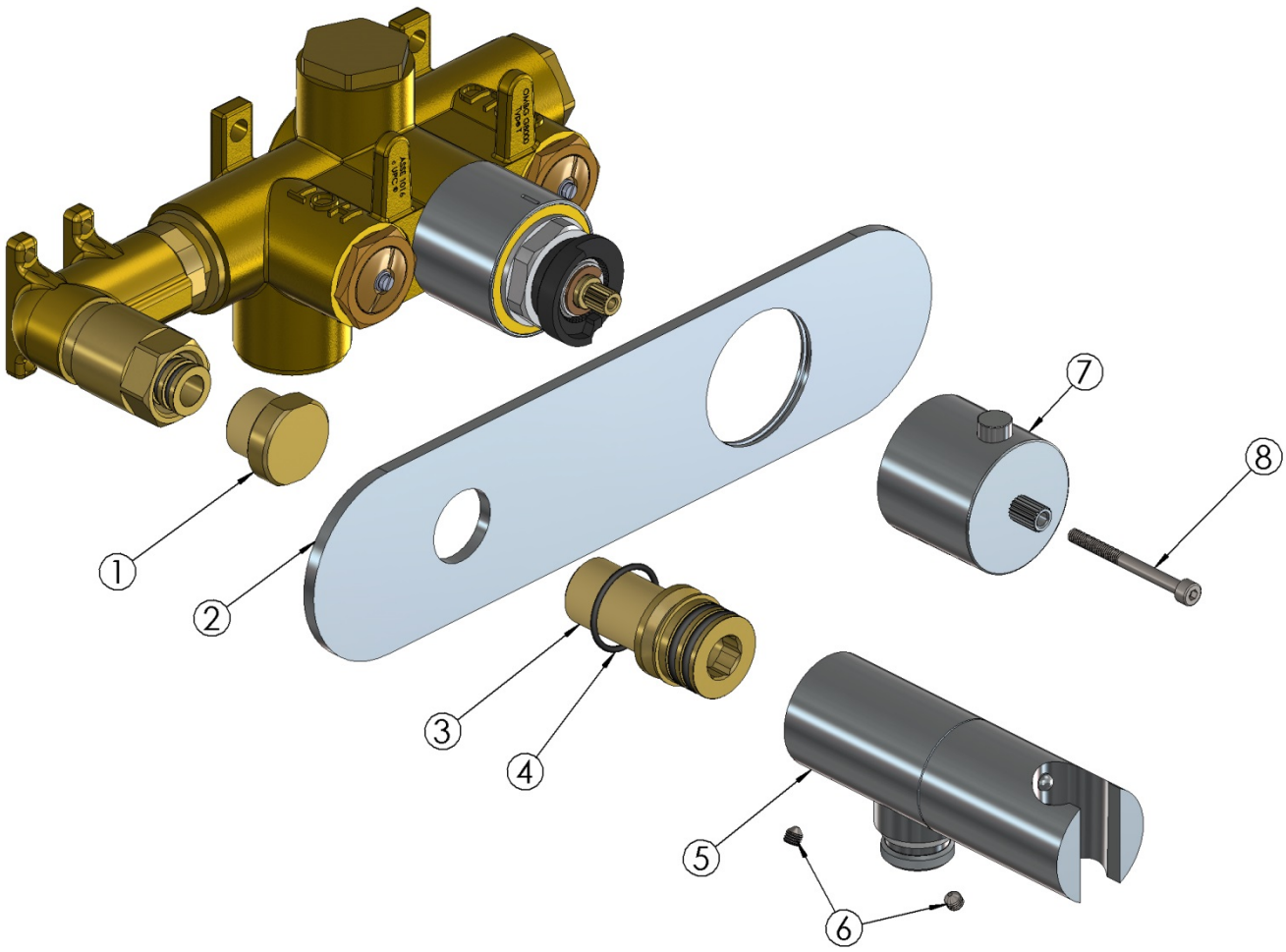


MAXIMUM FINISHED WALL

INSTALLATION

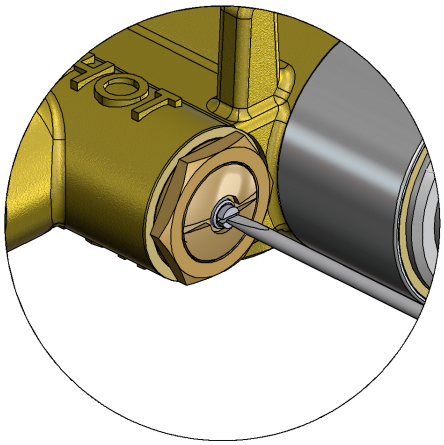
Before proceeding **close the water inlets**.

1) Remove the protection plug (1).
2) Position the sealing washer with the adhesive side in contact with the cover plate (2) and fix the plate on the chromed ring.
3) Screw the connection rod (3) with a 12mm Allen key, pay attention not to lose the O-ring (4).
4) Fix the Wily (5) on the connection rod (3) with the two grub screw (6).
5) Position the temperature regulation knob (7) on the broach and fix it with the screw (8) using a 3mm Allen key.



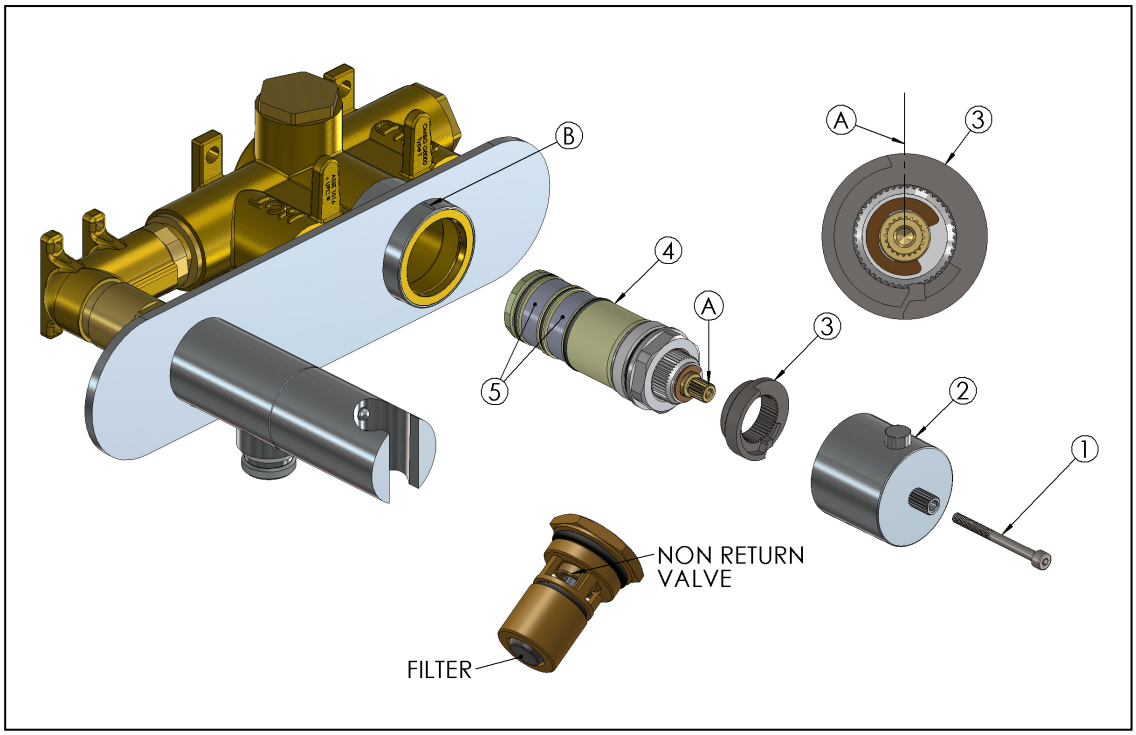
MAINTENANCE/REPLACEMENT OF THE THERMOSTATIC CARTDIDGE

Close the water inlets.
With the closures on the valve holders, screw for 7 turns the front screw with a flat screwdriver, in order to isolate the thermostatic cartridge.



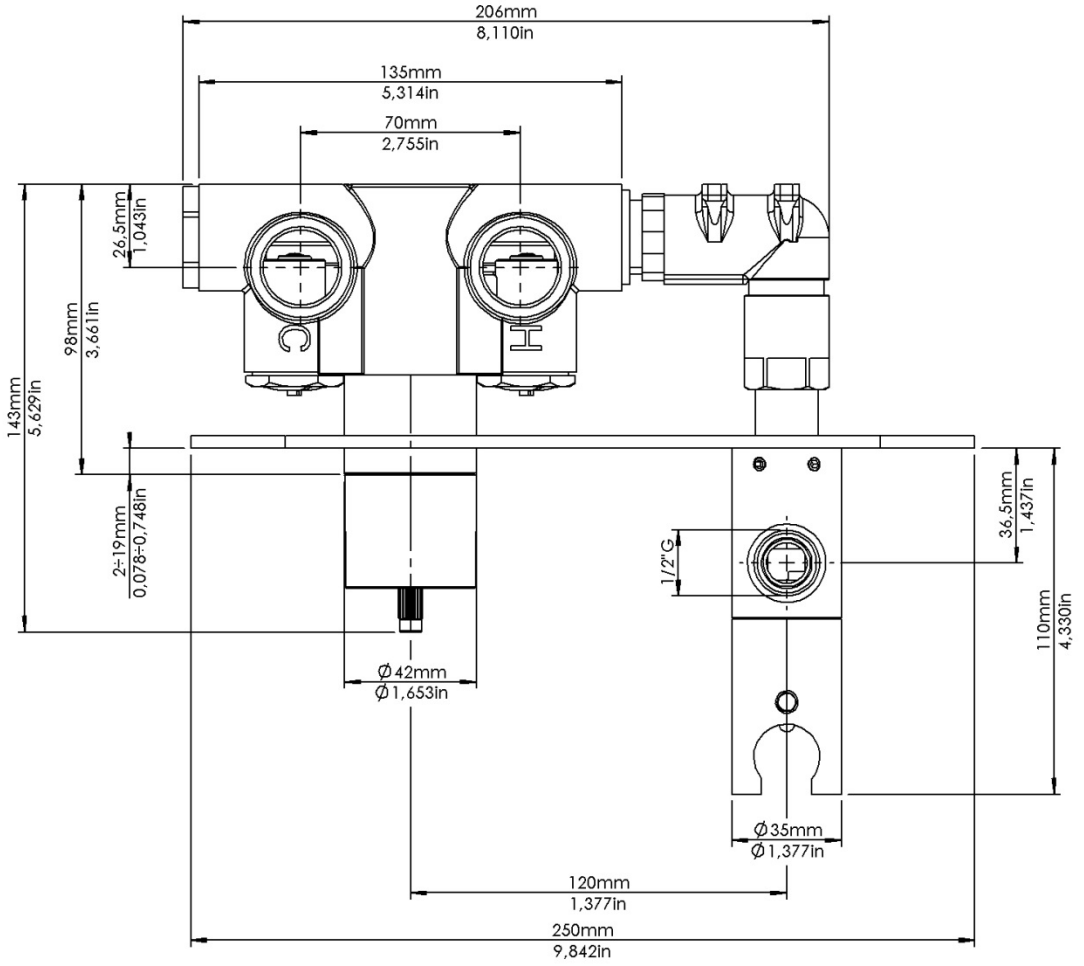
1) Remove the screw (1) and the temperature regulation knob (2).
2) Remove the stop ring (3).
3) Unscrew the thermostatic cartridge (4) with a 30mm wrench.
4) Once the cartridge is removed, clean its filters (5) under running water or leave to soak in vinegar in presence of limestone.

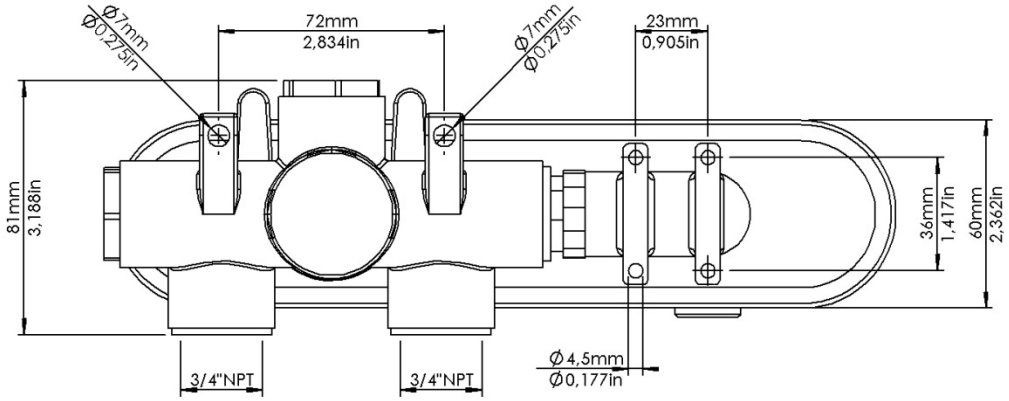
   Grease the O-rings and, if damaged, replace them with new ones.
   (2x OR 2100 mm 25,12 x 1,78 / 1x OR 2106 mm 26,7 x 1,78)
5) Re-assemble the cartridge (4) and according to the mixer model, place the stop ring, as shown in the image below, with the axis (A) in line with the reference (B). Using the handle, rotate the broached rod (A) to reach the set temperature of 38°C.
   Turn clockwise for cold or anti-clockwise for hot water



To clean the valve holders filter, **close the water from the main system**, unscrew the two valves with a 27mm wrench.
Clean the filters under running water or leave them to soak in vinegar in presence of limestone.
Re-assemble the two valves. **Exerting a max torque of 8–10 Nm or 70-80 lbf.in**

DIMENSIONAL DRAWING





TROUBLE SHOOTING

Problem	*Cause*	*Solution*
1. Reduced or missing flow	***a)*** Closed water inlets. ***b)*** Blocked mixer. ***c)*** Blocked connecting pipes. ***d)*** Blocked hand shower. ***e)*** Water flow reduction when other shut off valves are in function.	**a)** Control the check valves. **b)** Check if the inlet filters are cleaned. **c)** Check if the connecting pipes are cleaned. **d)** Clean or replace the hand shower. **e)** Control if the check valves are fully open. Reduce the water flow of all open outlets.
2. The mixer does not shut off.	***a)*** The gaskets are dirty. ***b)*** The gaskets are damaged.	***a)*** Clean/replace the gaskets. ***b)*** Replace the headwork.
3. Water too cold.	***a)*** There is no enough hot water flowing through the mixer. ***b)*** The boiler system does not give enough hot water. ***c)*** The hot water inlet is restricted.	***a)*** Set the regulation handle towards the hot water side. ***b)*** Increase the temperature of the water fed from the boiler. ***c)*** Check for any restriction on the pipeline.
4. Water too hot.	***a)*** There is not enough cold water flowing through the mixer. ***b)*** The cold water inlet is restricted.	***a)*** Set the regulation handle towards the cold water side. ***b)*** Check for any restriction on the pipeline.
5. Temperature varies during use.	***a)*** Temperature has decreased below the minimum required.	***a)*** Wait for the hot water to be restored.
6. Fluctuation of temperature of the mixer water	***a)*** Inverted connections. ***b)*** Inverted mixer.	***a)*** Use a “reverse” cartridge. ***b)*** Invert the mixer
7. Increasing of the temperature by turning clockwise. Decreasing of the temperature by turning anti-clockwise	***a)*** Inverted connections. ***b)*** Inverted mixer.	***a)*** Use a “reverse” cartridge. ***b)*** Invert the mixer.

IMPORTANT – CARE OF YOUR PRODUCT CLEANING

After use all finishes should be maintained by wiping with a soft, damp, clean cloth and then polished using a dry duster. NO abrasive powder, detergents or polishes should be used. Cleaner containing alcohol, acid or corrosive chemicals should not be used.

NOTE

- Some household bleaches and denture cleaners can damage plated or coloured finishes and if splashed onto a fitting should be immediately washed off with cold water.
- If these instructions are followed we believe this fitting will give many years of satisfactory use.
- We have a policy of continuous improvement and reserve the right to change specification without notice.
- In case of prolonged disuse of the mixer in winter time, it is recommended to close the system and empty the mixer to avoid damages caused by frost.

GUARANTEE

The shower valve is guaranteed for a period of 5 years against any defects of materials and workmanship from date of purchase, subject to correct installation, maintenance and use in accordance with this instruction leaflet. Please retain proof of purchase.
During the guarantee period parts will be replaced or repaired at our option. No labour costs will be reimbursed unless prior agreement has been obtained from the factory.
This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer in any way whatsoever.