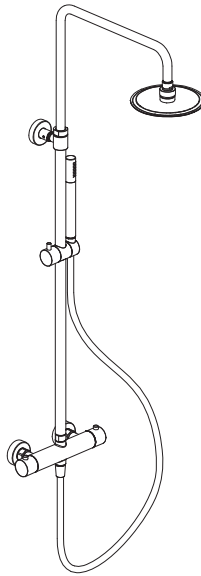




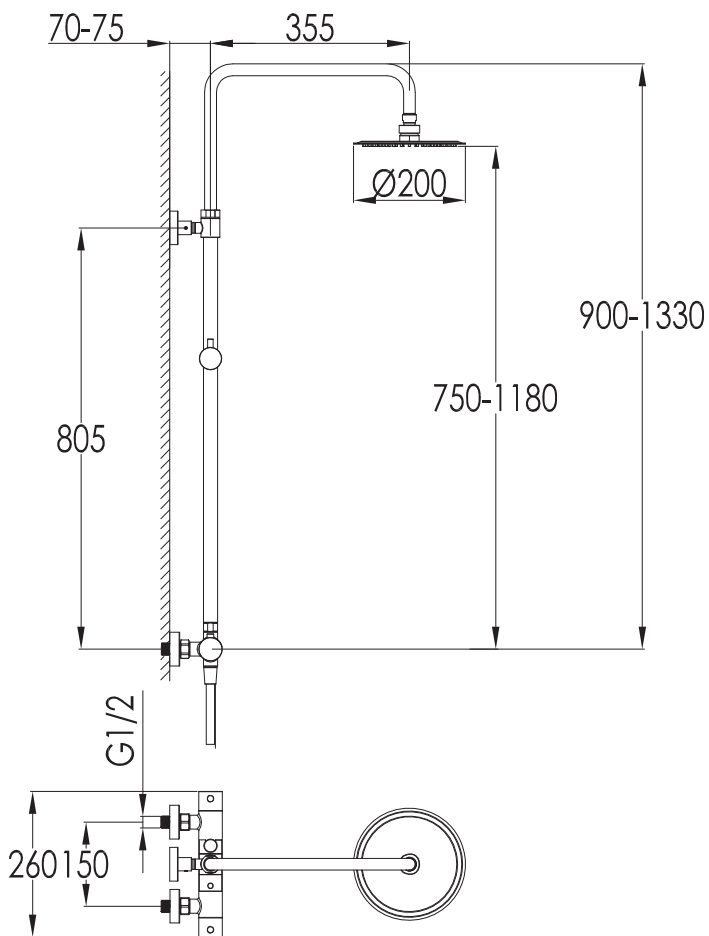
Coordinated Bathrooms Designed For You

**Installation & Maintenance Instructions**

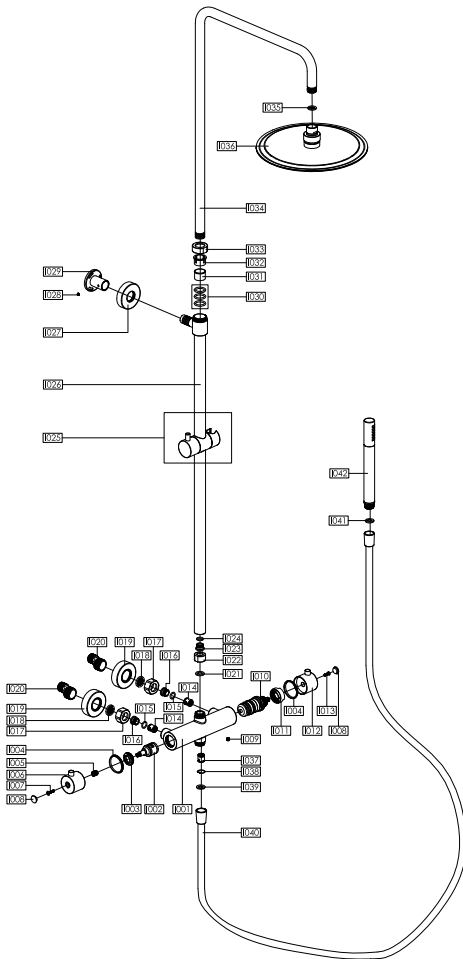


**INOX THERMOSTATIC BAR VALVE WITH  
2 OUTLETS,ADJUSTABLE RISER  
AND SHOWER KIT, HP 1 STAINLESS STEEL**

# Dimensions



# Spare Parts



No	NAME	QTY
1042	Hand shower	1
1041	Gasket	1
1040	1.5M hose	1
1039	Gasket	1
1038	Snap spring	1
1037	Check valve	1
1036	200mm head shower	1
1035	Gasket	1
1034	Bend	1
1033	Locking cap	1
1032	Locking sleeve	1
1031	Support sleeve	1
1030	O'ring	3
1029	Holder	1
1028	Screw	1
1027	Escutcheon	1
1026	Pipe	1
1025	Slider	1
1024	O'ring	1
1023	Adaptor	1
1022	G 1/2 nut	1
1021	Gasket	1
1020	S-union	2
1019	Escutcheon	2
1018	Filter gasket	2
1017	G 3/4 nut	2
1016	Adaptor	2
1015	O'ring	2
1014	Check valve	2
1013	Screw	1
1012	Thermostatic handle	1
1011	Thermostatic control ring	1
1010	Thermostatic cartridge	1
1009	M6 screw	1
1008	Plug	2
1007	Screw	1
1006	Diverter handle	1
1005	Gear sleeve	1
1004	Gasket	2
1003	Fastening ring	1
1002	Diverter cartridge	1
1001	Body	1

## **Important - please read**

Please read these instructions carefully before starting installation and keep for future reference.

Remove all packaging and check the product for missing parts or damage before starting installation.

Any alterations made to this product and fittings may infringe water regulations and will invalidate the guarantee.

The installation must comply with all Local/National Water Supply Authority Regulations/ Byelaws and Building and Plumbing (UK:BS6700) Regulations.

We strongly recommend that you use a qualified and registered plumber.

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## **General installation**

This is a mixing system and hot and cold supplies must be reasonably balanced for proper flow (outlet).

Prior to making the inlet connections; please ensure all pipes are properly and thoroughly flushed to clear any debris etc.

You should satisfy yourself that this is clean. Failure to do so may result in a low flow rate from mixing device.

We strongly recommend fitting of isolating valves to the inlet pipes to assist in future maintenance of the mixer.

Please take great care when installing this valve not to damage its surface.

Use a reducer to the inlet feeds if water pressure is above 5 bar.

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## **Operating Specifications**

### **Hot Water Supply Temperature:**

Maximum: 70° C    Minimum: 10° C

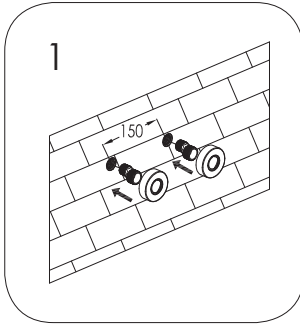
### **Operating Pressure**

Maximum: 5 bar    Minimum: 0.5 bar

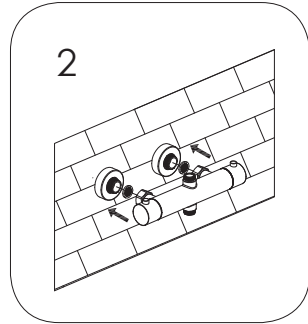
# Installation Steps

Rinse pipework thoroughly before fitting the valve: do not allow dirt, metal particles or shavings to block the filters fitted on inlets.

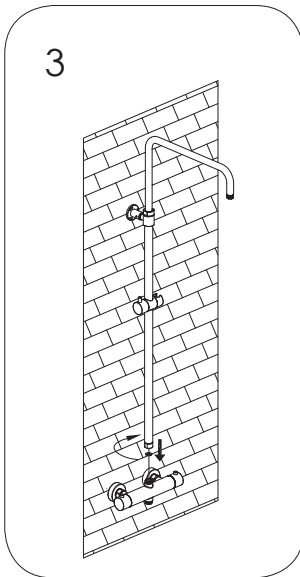
 **Warning!** Please check for any hidden cables and pipes before drilling holes in the wall.



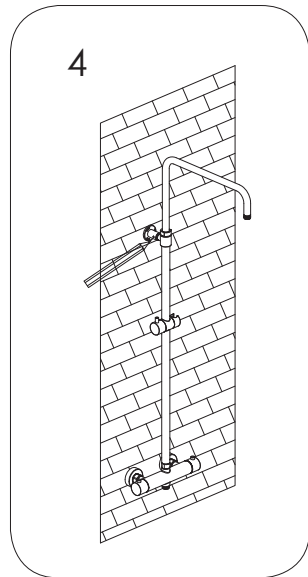
1. Inlet pipework should be at 150mm pipe centers.



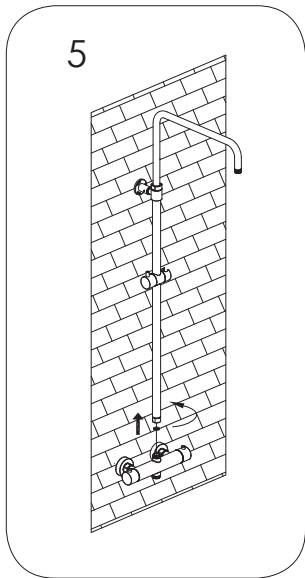
2. Fix the ornament covers to the offset connectors, put the washers into the hex nuts, and then fix the shower mixer to the offset connectors. (Please check the hot inlet is with a red mark and the cold inlet with a blue mark)



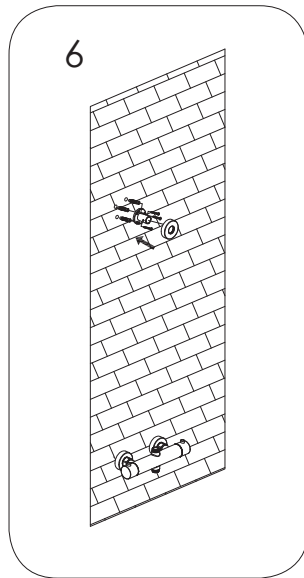
3. Slide the wall holder onto the bracket rod and loosely attach the shower rail onto the bar valve with gasket.



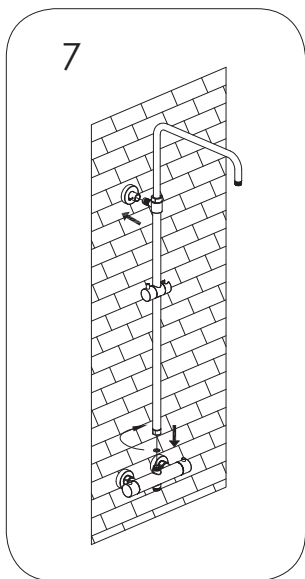
4. Position the wall holder with bracket and use a level to ensure the shower rail is straight. Mark the fixing point and then remove the shower rail and set aside.



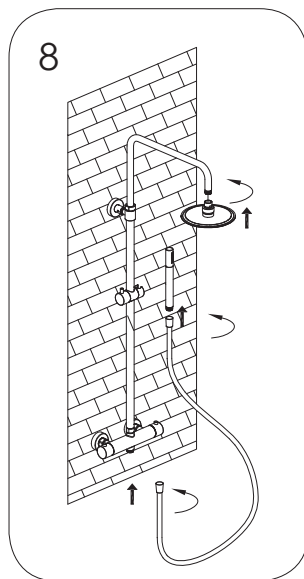
5. Reposition the shower rail onto the bar valve outlet - hand tighten only



6. Drill and insert the wall plug into the wall, then fix the holder by tapping screw supplied.



7. Tilt the shower rail back and slot the bracket rod into the wall holder, put in place by gently tightening the screw by hexagon spanner.



8. Connect the shower head, hand shower and hose to the bar valve and shower rail.

## Temperature Resetting

The valve has been factory set under balance pressures and hot water supply at 65° C. When your specific operating conditions are significantly different from the above, the temperature of the water may vary from the setting.

When the difference is too great, you can adjust the calibration of the valve to suit individual requirements of the installation:

1. Select 38° C or the arrow on the handle and check the temperature of the water being delivered to the outlet with a thermometer.
2. If the temperature is unacceptable proceed to reset the calibration as follows: Remove the handle. Do not remove the plastic stop ring. Turn the spline of the valve clockwise to decrease the temperature and anti-clockwise to increase the temperature until 38° is achieved at outlet.
3. Ensure that the stop on the stop ring is at 12 o'clock and replace the handle with the temperature override button also pointing at 12 o'clock being careful not to turn the spline of the valve, replace the handle.  
-Our valve setting is now calibrated.

## Care of the mixer

Due care is required to maintain the mixer and care must be taken whilst cleaning for brand new refreshing looks at all times.

Cleaning of this item should only be done by using a soft cloth and clean water. Do not use any chemical cleaning products or abrasive items.

If above instructions are not adhered to, this will invalidate your guarantees.

## Non return valves.

Undo both hex nuts each side of the cartridge using a suitable spanner. Pull out the non return valve, rinse in water to remove the dirt, and then soak them in vinegar or descaling agent. Grease the 'O' rings using a suitable silicone lubricant and replace.

## Maintenance

As water quality is different all over, the filters of cartridges and other parts housed inside the mixer may become dirty / clogged which will result in reduced flow and inefficient valve operation.

To clean, please remove the thermostatic cartridge from the housing to clean its filters.

1. Shut off the water supply with isolating valves on both hot/cold inlets.

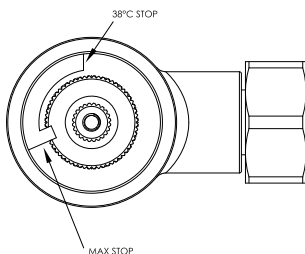
2. Unscrew the handles by unscrewing the holding screws. And pull out the handle and temperature control ring.

3. Now remove the cartridge with a wrench or similar tool.

4. Rinse the filters to remove dirt thoroughly, soak them in a descaling agent or even vinegar. Do it as thoroughly as possible.

5. The housing of the thermostatic cartridge must also be cleaned thoroughly with a wet cloth. The O rings of the cartridge should be greased too.

6. Now reassemble the cartridge ensuring temperature control ring rightly point to 12 o'clock position.



7. Finally, make sure everything is secure and tight. Water supply can now be turned on from the isolating valves.

8. Ensure you are happy with it at this stage, check water temperature and if not ok then calibrate as explained above.



## Trouble Shooting

If you followed the instructions carefully and your mixer still does not work properly, take these corrective steps.

Problem	Possible Cause	Action
Outlet temperature too cold	<ul style="list-style-type: none"> <li>● No hot water reaching mixer</li> <li>● Filter block</li> <li>● If the fault has been present since the mixer was installed it is possible that the inlets were installed incorrectly</li> <li>● The water supply will be colder in winter months due to outside temperature</li> </ul>	<ul style="list-style-type: none"> <li>● Check the water supply for any blockages</li> <li>● Remove filters and clean</li> <li>● Check installation-Hot on the left /cold on the right</li> <li>● It may be necessary to adjust the hot supply, i.e. increase the hot water temperature setting on boiler</li> </ul>
Outlet temperature too hot	<ul style="list-style-type: none"> <li>● No cold water reaching mixer</li> <li>● Filter block</li> <li>● If the fault has been present since the mixer was installed it is possible that the inlets were installed incorrectly</li> <li>● The water supply will be hotter in summer months due to outside temperature</li> </ul>	<ul style="list-style-type: none"> <li>● No cold water reaching mixer</li> <li>● Filter block</li> <li>● If the fault has been present since the mixer was installed it is possible that the inlets were installed incorrectly</li> <li>● The water supply will be hotter in summer months due to outside temperature</li> </ul>
Only hot or cold water from valve outlet	<ul style="list-style-type: none"> <li>● Possible that the inlets have been installed the incorrect way around</li> <li>● If only cold water is coming out of the mixer it is possible there is a cartridge fault</li> <li>● Filters blocked</li> </ul>	<ul style="list-style-type: none"> <li>● Check that the inlets are installed correctly-Hot on the left/cold on the right</li> <li>● Remove and check the condition of the thermostatic cartridge</li> <li>● Remove filters and clean</li> </ul>

Problem	Possible Cause	Action
Cannot adjust temperature	<ul style="list-style-type: none"> <li>● Possible that the cartridge is sticking due to a lime scale build up</li> <li>● Over ride temperature manually</li> </ul>	<ul style="list-style-type: none"> <li>● Remove the thermostatic cartridge and service</li> <li>● Remove the temperature handle by removing the end cap and center retaining screw turn the flow of water on fully and turn the cartridge spindle anti -clockwise to increase the water temperature and clockwise to decrease the water temperature</li> </ul>
Poor flow rate	<ul style="list-style-type: none"> <li>● Insufficient water pressure</li> <li>● Filters partially blocked</li> <li>● Flow valve not fully opening</li> </ul>	<ul style="list-style-type: none"> <li>● The required minimum water pressure is 0.5bar(5Mpa)</li> <li>● Remove filter and clean</li> <li>● Remove and check the condition of the flow mixer</li> </ul>
Water leaking from shower head when the valve is turned off/closed	<ul style="list-style-type: none"> <li>● This can be normal for a short period of time after the shower has been used</li> <li>● Check that the pressures do not exceed that stated for the product</li> <li>● Flow valve leaking</li> </ul>	<ul style="list-style-type: none"> <li>● N/A</li> <li>● If pressures are too high adjust as necessary, refer to technical data</li> <li>● Remove and check the condition of the flow mixer</li> </ul>
Water leaking from shower valve / controls	<ul style="list-style-type: none"> <li>● Leaking from flow mixer</li> <li>● Leaking from thermostatic cartridge</li> <li>● Check that the pressures do not exceed that stated for the product</li> </ul>	<ul style="list-style-type: none"> <li>● Remove and check the condition of the flow mixer</li> <li>● Remove and check the condition of the thermostatic cartridge</li> <li>● Check that the pressures do not exceed that stated. If pressures are too high adjust as necessary. Refer to technical data</li> </ul>