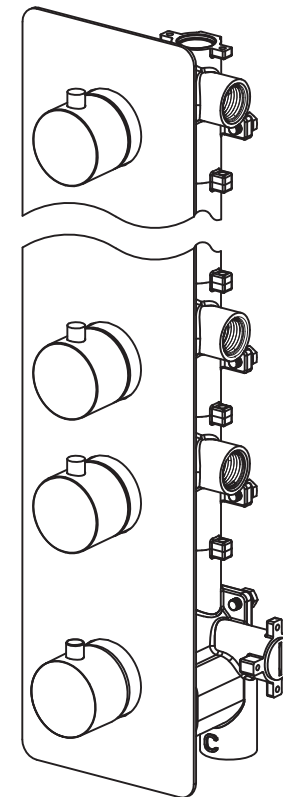
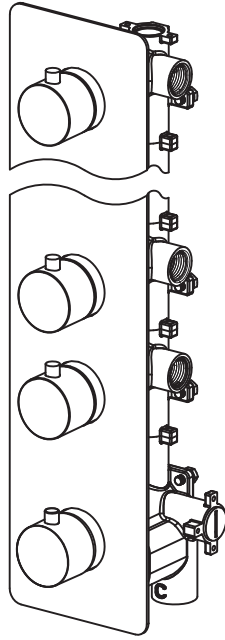


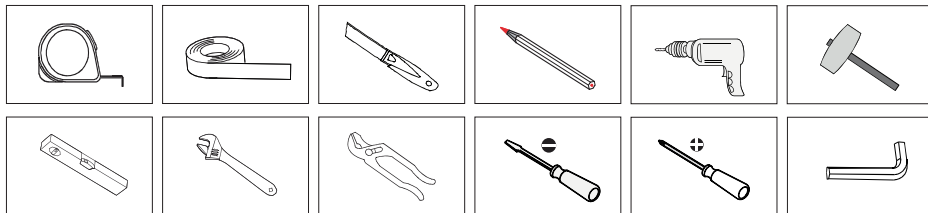
# PRODUCT MANUAL



# 01/PRODUCT



# 02/TOOLS NOT INCLUDED

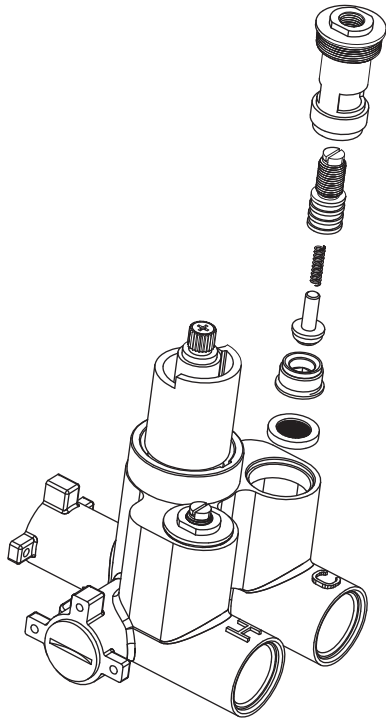


## Problem Solve

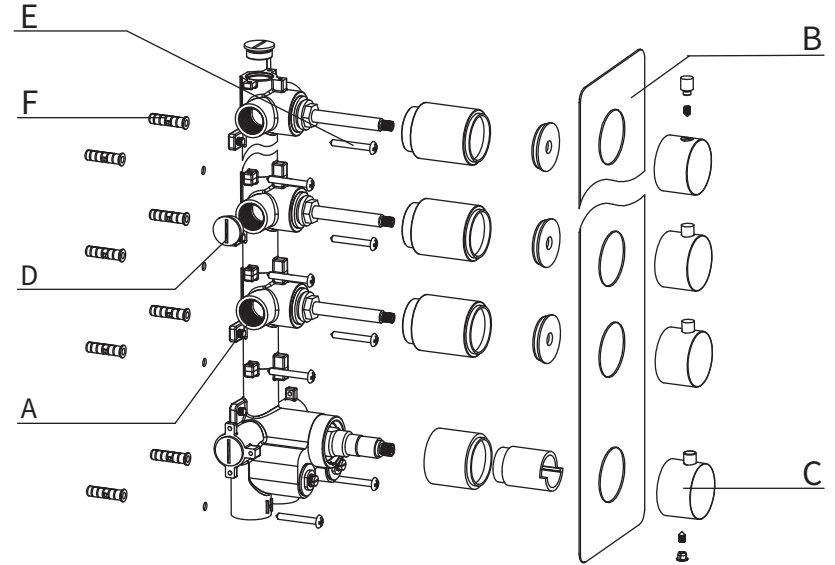
Problem	Solution
No hot/cold water running when first installed	<ol style="list-style-type: none"> <li>1: Check if installation is wrong(Hot/ cold water pipes misconnected).</li> <li>2: Check inlet filters and incoming water pressure.</li> <li>3: Check if the line marked on the thermostatic cartridge for 38°C/100 °F setting is moved and adjust.</li> <li>4: If above operation failed,change thermostatic cartridge.</li> </ol>
Very low flow or no flow	<ol style="list-style-type: none"> <li>1: Check if water pressure is normal.</li> <li>2: Check hot and cold water inlets and thermostatic cartridge filter if blocked with debris.</li> <li>3: Turn-off the water to clean the dirty.</li> <li>4: Change cartridges.</li> </ol>
The water coming out cold for a while	Check if water pressure is normal.
Cold water tracking through the valve into the hot water system	Check and clean the check valve cartridges and filters located under the check valves.

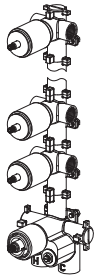


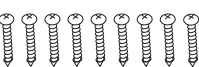

## Maintenance of filter/Stop Valve

- Function of the stop valve is to stop water backflow and water shut from water inlet supply for easy maintenance.
- Stop valve clean  
Remove all the stop valve parts according to right chart.  
Wash the filter and lightly grease the seals and put them back.

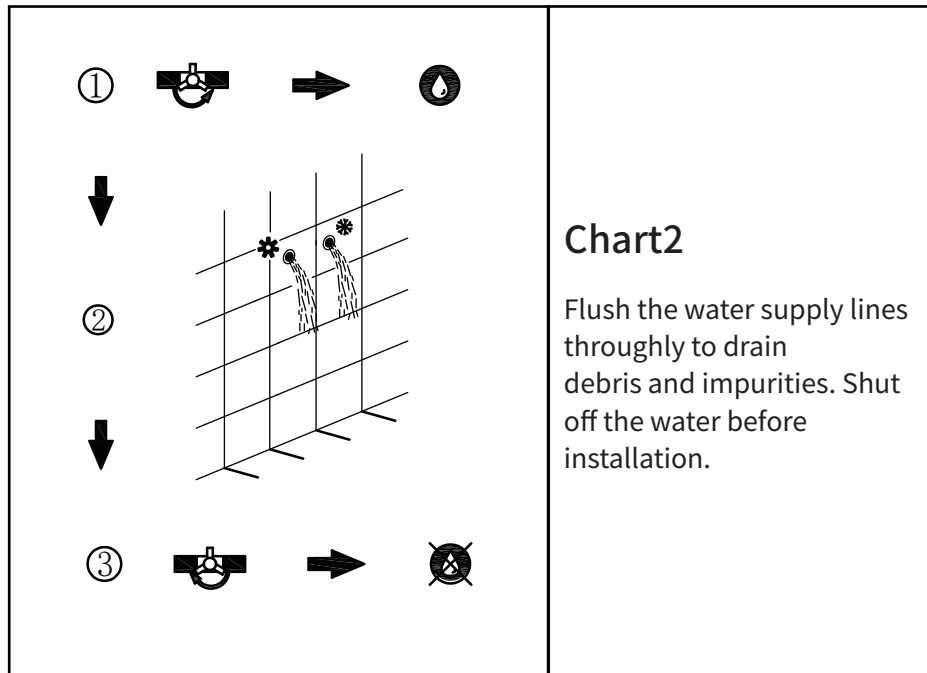
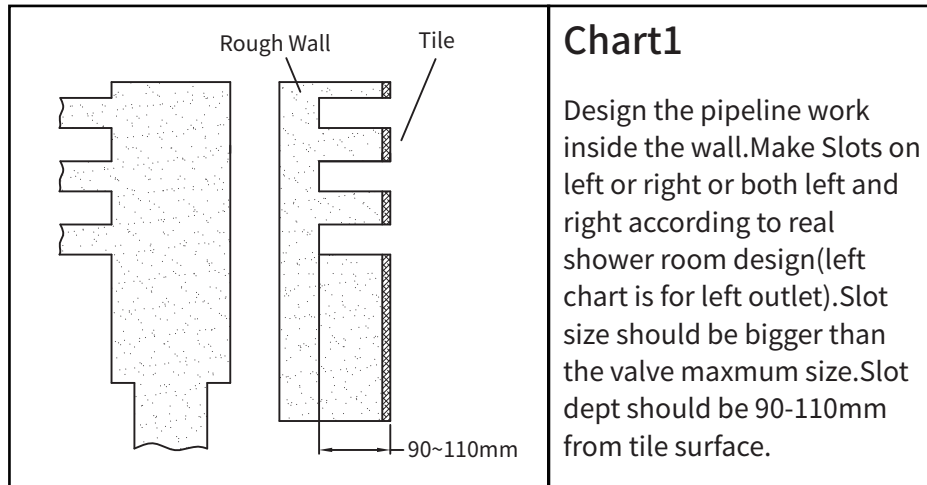


## 03/ SPARE PART LIST



A		B	
			
			
			

## 04/ INSTALLATION

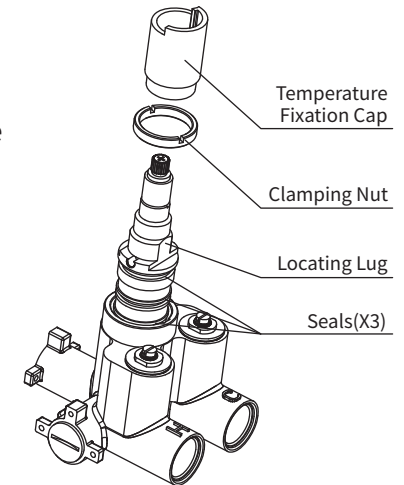


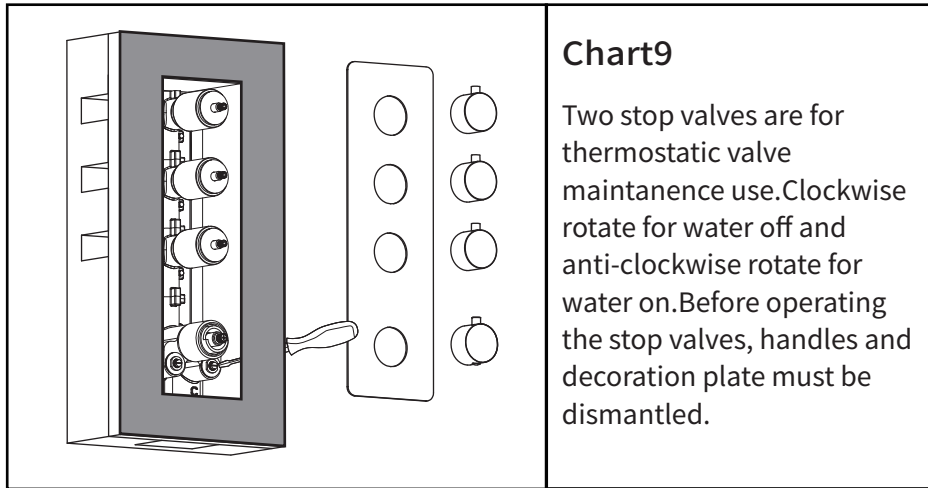
- When cold water inlet failures, the hot water will be stopped.

## 07/ MAINTENANCE

### ⚠ Note

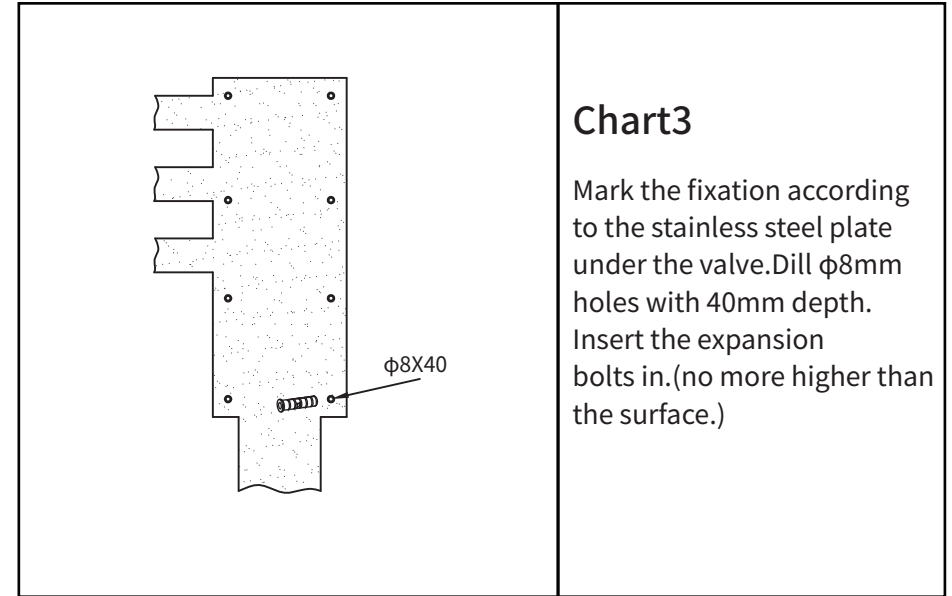
- To avoid damage, please remove all chrome parts before any maintenance takes place.
- The thermostatic cartridge should be trouble-free. But in case of failure, maintenance is very simple. Loose the cartridge clamping nut and pull the cartridge out with the temperature handle. (If the cartridge is very tight inside because of oil run out, use tools like pliers.)
- Wash the cartridge with vinegar and clean running water and make sure that any trapped debris has been removed. Dry and lightly grease the seals (only use silicone grease) and replace the cartridge.
- Making sure that the locating lug is located in the recess of the valve. Before putting back the handles and decoration plate, test if 38°C/100°F is correct by a thermometer. (Temperature tolerance is  $\pm 2^{\circ}\text{C}/36^{\circ}\text{F}$ ).
- In case the cleaned cartridge is failed, replace the new thermostatic cartridge in the same way.





**Chart9**

Two stop valves are for thermostatic valve maintenance use. Clockwise rotate for water off and anti-clockwise rotate for water on. Before operating the stop valves, handles and decoration plate must be dismantled.



**Chart3**

Mark the fixation according to the stainless steel plate under the valve. Drill  $\phi 8\text{mm}$  holes with 40mm depth. Insert the expansion bolts in. (no more higher than the surface.)

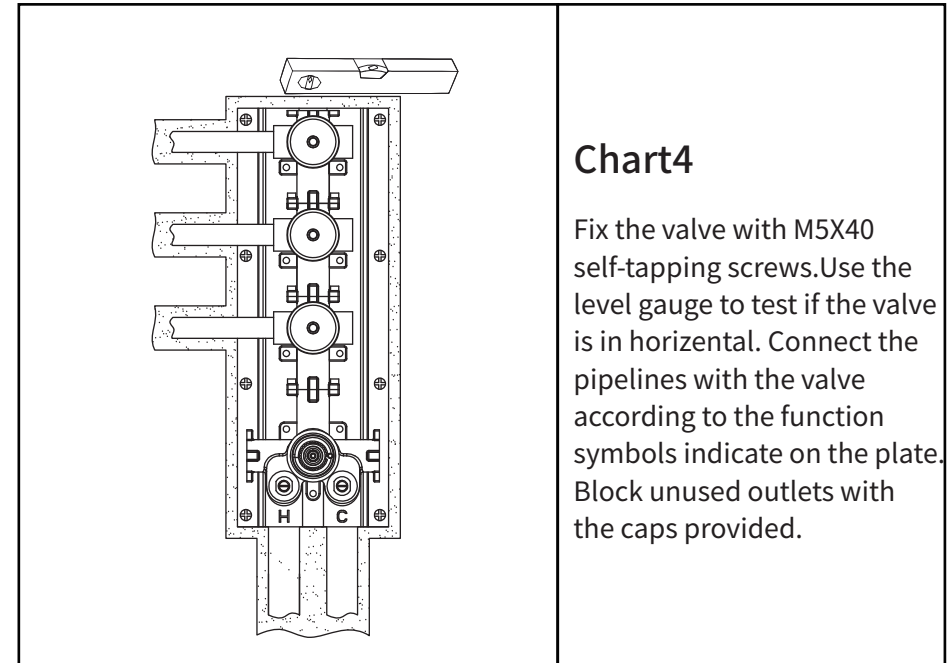
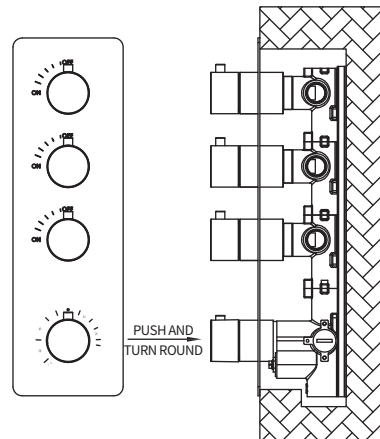
## 06/ TEMPERATURE

### Temperature Setting

38°C/100°F is set by the factory  
(Temperature tolerance is  $\pm 2^\circ\text{C}/36^\circ\text{F}$ )

### Temperature Adjusting

- Clockwise rotate the handle for cold water and anti-clockwise rotate for hot water.
- When the handle knob pointing at 38°C/100°F, push the knob and turn anti-clockwise to find your suitable hotter temperature.



**Chart4**

Fix the valve with M5X40 self-tapping screws. Use the level gauge to test if the valve is in horizontal. Connect the pipelines with the valve according to the function symbols indicate on the plate. Block unused outlets with the caps provided.

