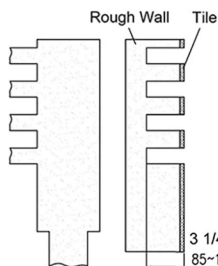
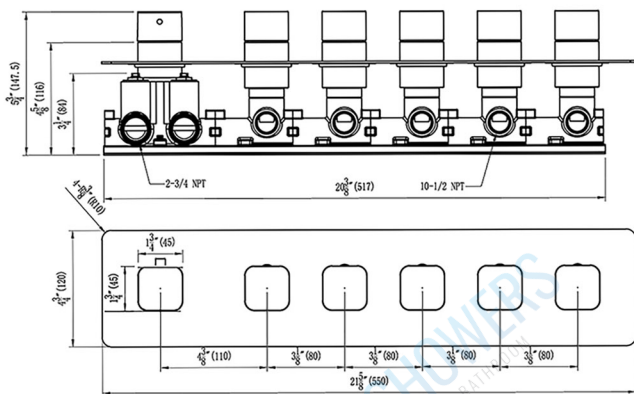




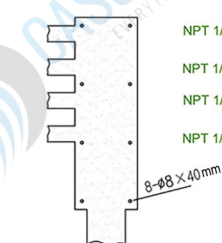
CASCADE SHOWERS
EVERYTHING YOU WANT IN A BATHROOM

Installation Instruction for Thermostatic Valve

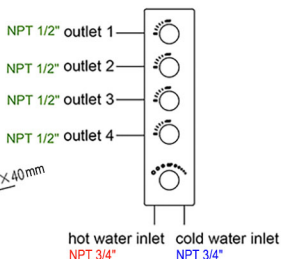
Production Dimension: inch



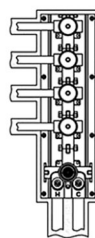
- ① Carve an embedded slot at reasonable position according to above drawing and real products.
If water outflow from left, slotting on left side.
If water outflow from right, slotting on right side.
If water outflow from both, slotting on both sides.



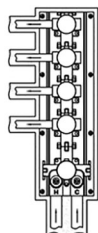
- ② Mark the fixed holes position and drill holes on the wall, insert the plastic expansile screw.



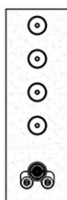
- ③ Connect the pipe according to functions.



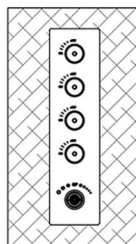
- ④ Connect all pipes with the mixer body (apply sealant tape), then fix screws.



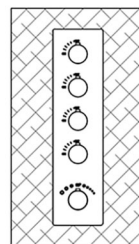
- ⑤ Install handles (don't lock the screw), do water test make sure there is no leakage



- ⑥ Uninstall the handles, then cement up the wall.



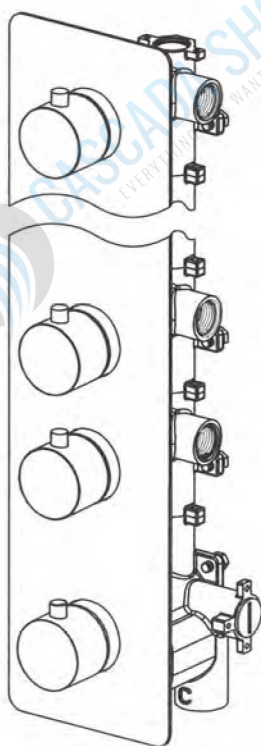
- ⑦ Tile the wall, install the plate.



- ⑧ Install the handles, lock the screw.

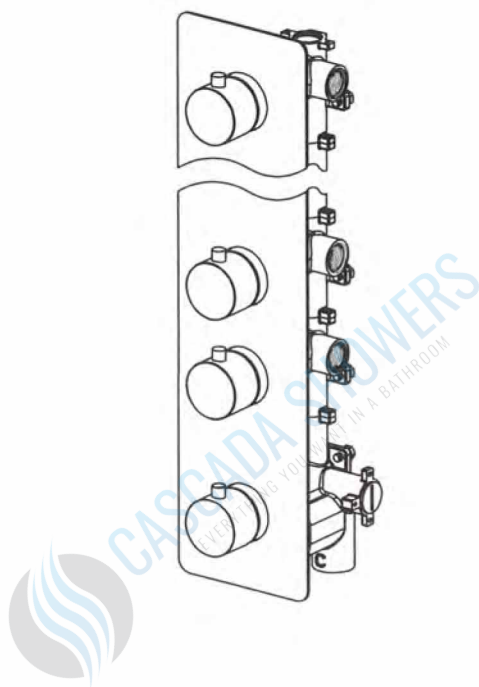
Installation Guide

Additional Details

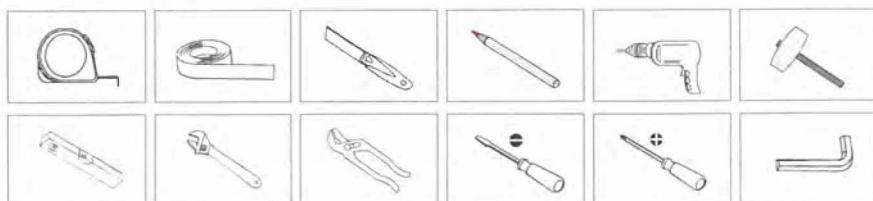


Version:2400(1)

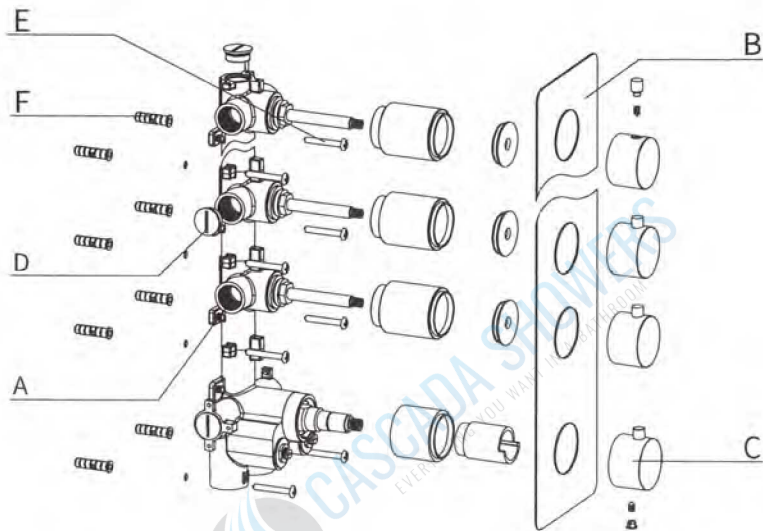
01/PRODUCT


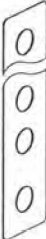






02/TOOLS NOT INCLUDED



03/ SPARE PART LIST



A		B		C	
				D	
				E	
				F	

04/ INSTALLATION

<p>①</p> <p>②</p> <p>③</p> <p>15cm</p> <p>90-110cm</p>	<p>Chart1</p> <p>Flush the water supply lines thoroughly to drain debris and impurities. Shut off the water before installation.</p>
--------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------

<p>90~110mm</p> <p>Drywall and tile</p>	<p>Chart2</p> <p>Fix a wood plate to the two wood pipes for faucet installation.</p>
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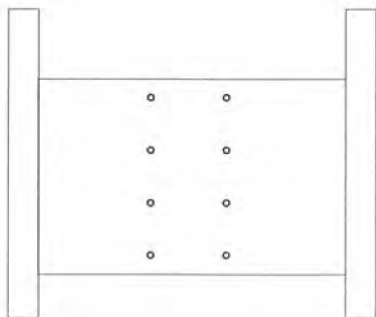


Chart3

Mark the fixation positions according to the stainless steel plate under the valve.

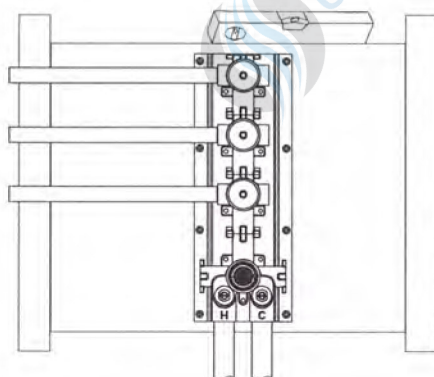
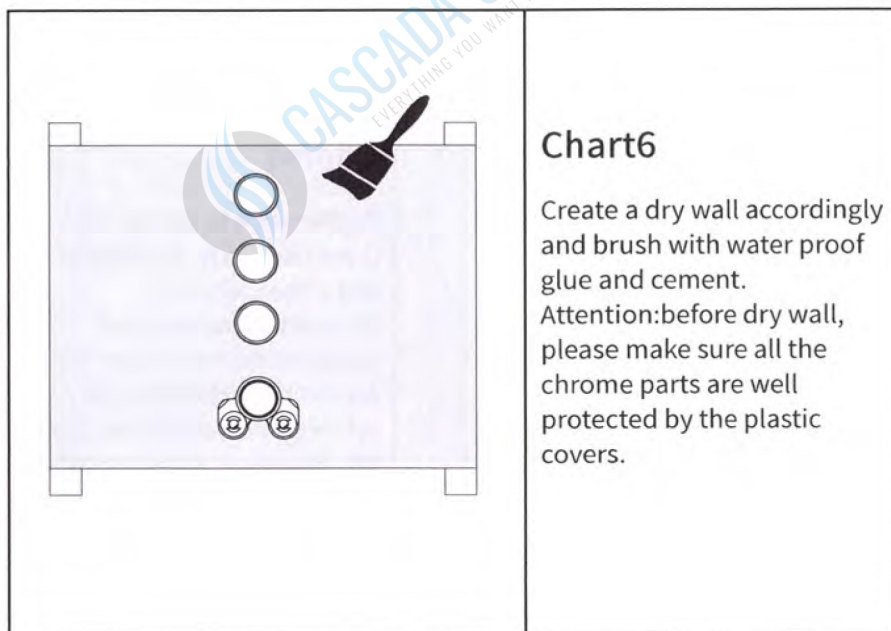
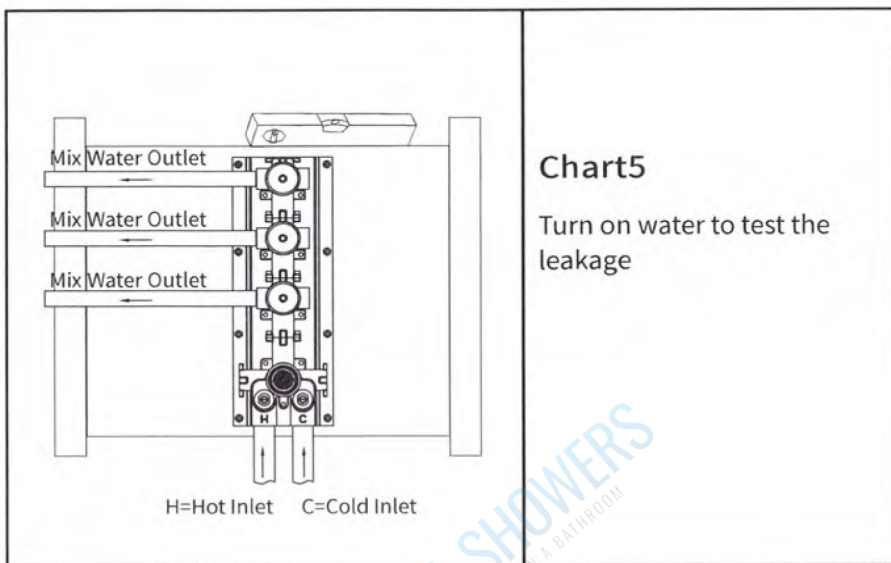
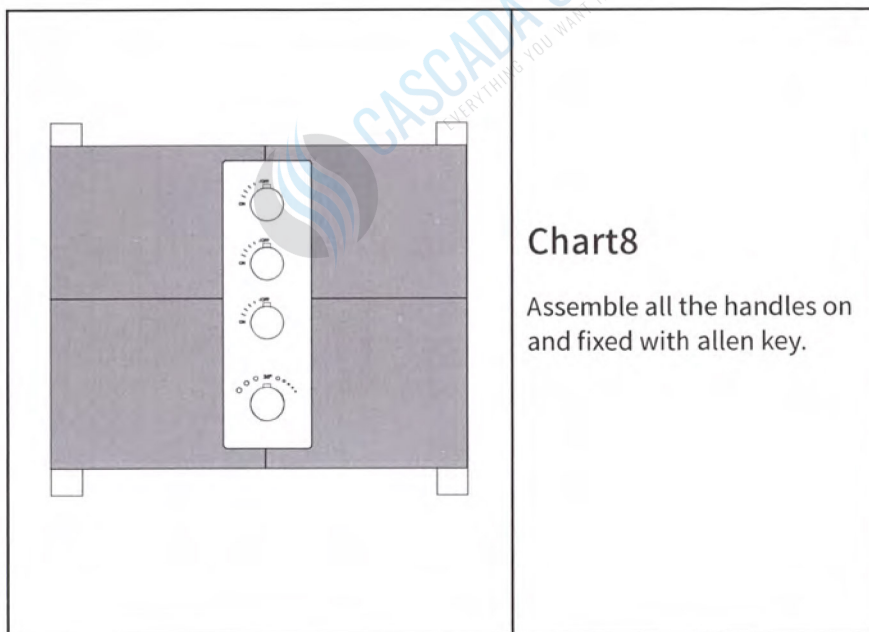
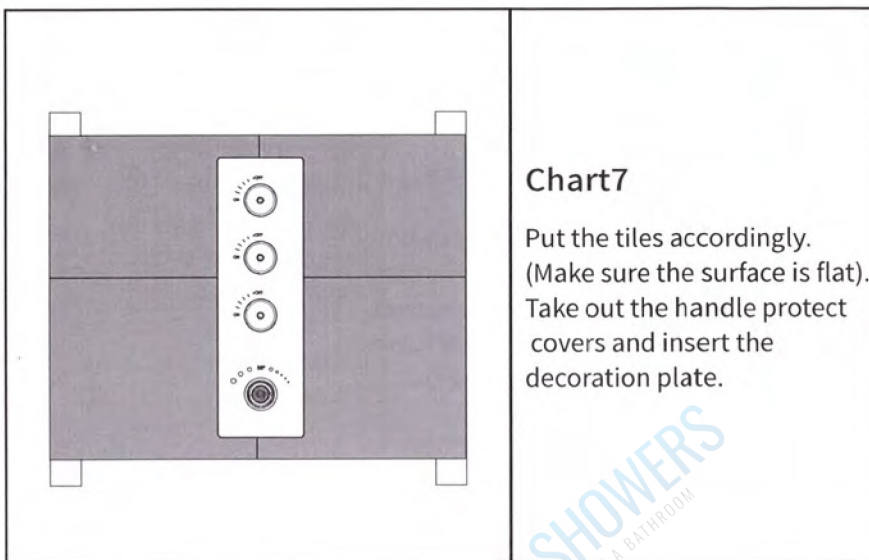
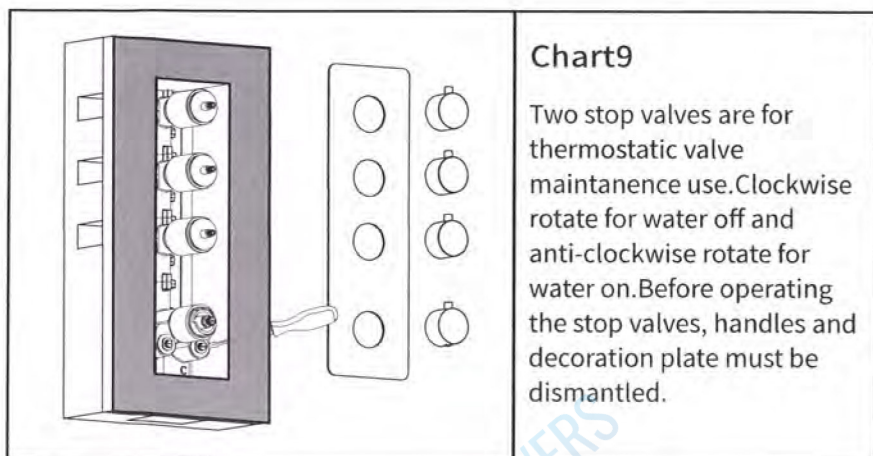


Chart4

Fix the valve to the wood plate. 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.







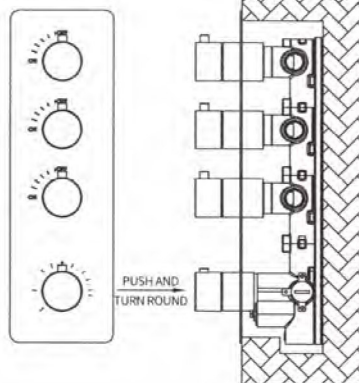
06/ FUNCTION

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.

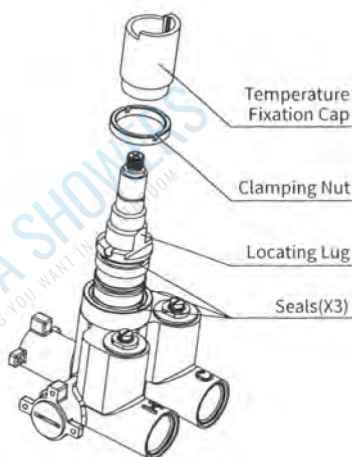


- When cold water inlet failures, the hot water will be stopped.

07/ MAINTENANCE

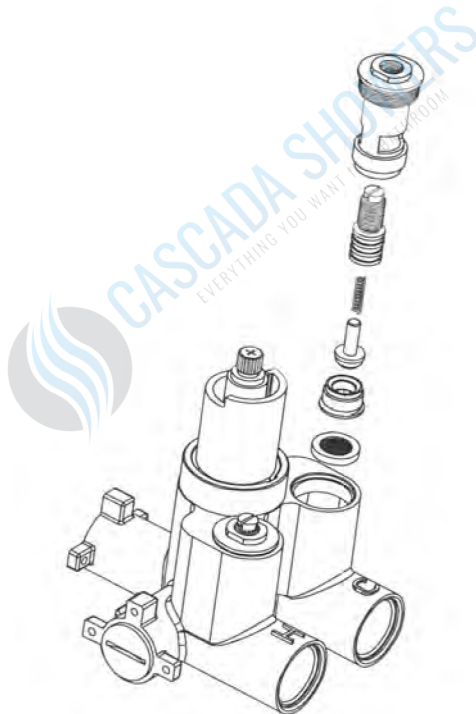
⚠ Note

- 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.



Maintenance of filter/Stop Valve

- Function of the stop valve is to stop water backflow and water shut from water inlet supply for easy maitenance.
- 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.



Problem Solve

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