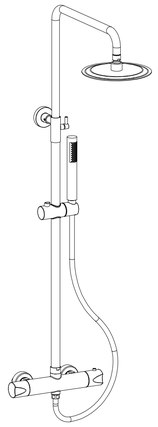
148.5 mm

210 mm

Auto Temperature Shower Mixer

Installation & Operation Instructions



OPT1-GG
OPT1-BG
OPT1-BC

Pre-Installation Checks

* Remove all the impurity in pipes before installation to avoid clogging. Connect faucet pipes correctly. Make sure the cold waterhose is connected to the right side and the hot water hose to the left. Check installation distances from the Dimension diagram to ensure correct installation.

Conditionsfor use

1. Recommended water pressure condition: 0.1~0.5 MPa (For optimal performance and product longevity, we recommend adding apressure reducing valve when water pressure exceeds 0.5MPa. Difference in pressure between hot and cold water should not exceed 0.2 MPa.).
2. Water: Cold Water 4 ℃~29 ℃; Hot Water 50 ℃~85 ℃; Recommended Hot Water Temperature 60 ℃~70 ℃.
3. Ambient Temperature: 1 ℃~55 ℃.
4. Municipal water quality is required, it is easy to plug cartridge and cause bad temperature sensitivity with poor water quality, if one-way valve is blocked, it will cause the hot and cold water pipe mixed.

Attention:

*Please ensure that the hot water supply source is stable. Electric water storage heaters are ideal for use with Temptation Auto Temperature Mixer for optimal performance. Common issues that may arise when hot water is supplied by gas and/or solar water heaters are as follows:

Common Gas Water Heater Issue(s):

1. Every water heater has a minimum operational starting pressure (flow). When the lowest flow is selected with the mixer, the minimum operational starting pressure of the gas water heater may not be achieved and therefore, the gas heater will not function. When the residual hot water in the pipeline is discharged, the gas heater starts up, reheating the water. This repeated cycle results in an unstable hot water supply and inconsistent temperature delivery.

Solution

1a. Set the water temperature of the water heater to 5°C higher than the thermostatic faucet (adjust with multiple manual knob, set the temperature knob in the lower position, and then use the knob to adjust the temperature of fire) the demand of hot water becomes larger in order to achieve the starting flow of the water heater.

Recommended value: Summer: 45 ℃~50 ℃; winter: 50 ℃~55 ℃.

1b. Set the water thermostatic faucet to full flow (half open water switch need to press the switch to rotate) . You can also remove the limiting plug in the shower so that the water can become large to achieve the start flow of water heater.

Common Solar Water Heater Issue(s):

2. As the solar water heater is not pressurized, hot water flows from to the mixer as a result of gravity. When the pressure from the cold water supply exceeds that of the hot water supply by 0.2 MPa, hot water supply into themixer is disrupted, resulting in inconsistent temperature delivery.

Solution:

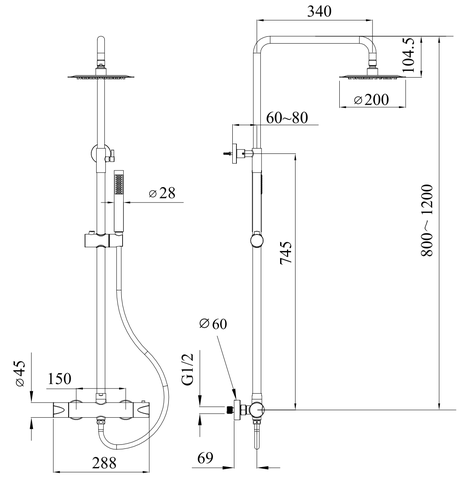
2a. Add a pressure booster pump to the solar water heater so that the pressure of cold and hot water can be balanced. Push and save the pressurized water pressure: 0.3 MPa.

2b. To add a pressure reducing valve on the cold water supply will also make the cold and hot water supply pressure balanced.When the water supply pressure exceeds 0.5 MPa, the pressure relief valve is required. Recommended water pressure: 0.1-0.5 MPa, hot and cold water pressure difference: less than 0.2 MPa.

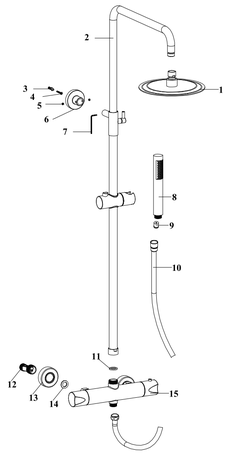
Recommended Tools and Materials

Adjustable Wrench | Spirit level | Tape Measure | Sinker | Screwdriver | Drill | Pencil | Tetlon Tape

Dimensions

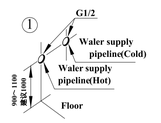


Parts list

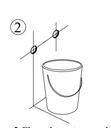


No.	Part Name	Q'ty	No.	Part Name	Q'ty	No.	Part Name	Q'ty
1	Head shower	1	6	Stent	1	11	Washer	1
2	Column	1	7	Hexagon wrench	1	12	S-connector	2
3	Anchor	1	8	Hand shower	1	13	Escutcheon	2
4	Screw	1	9	Check valve	1	14	Washer	2
5	Screw	2	10	Hose	1	15	Body	1

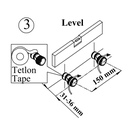
Installation



1. Lay cold & hot supply pipes based on dimension drawing.



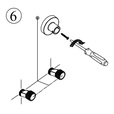
2.Clean the water supply pipes.



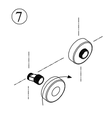
3.Install S-Connector.

4. Mark the mounting hole with pencil.

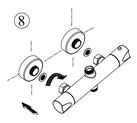
5. Drill ⌀6mm holes in the marked position.



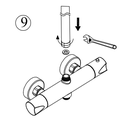
6. Lock the stent with a screwdriver.



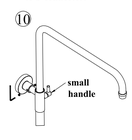
7. Screw in the escutcheon to S-connector.



8. Connect the Faucet to S-connector.



9. Wrap the nut with a flexible cloth and tighten with a wrench.



10. Lock the screw with a hex wrench and adjust the appropriate height of the column with a small handle.

11. Install head shower, hose, hand shower.

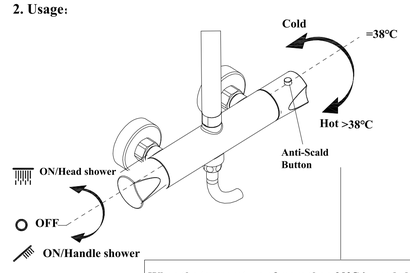
12. Complete installation. Confirm whether each connection leaks water.

Test/Usage

1. Test:

* Turn handle to "OFF" position. Open water supply valve to cheak all connections for leakage;
* Turn handle to "ON" psition. Check the water flow.

2. Usage:



When the temperature of more than 38°C is needed, please press the button, and turn the handle, water temperature willincrease until the temperature you needed is reached.

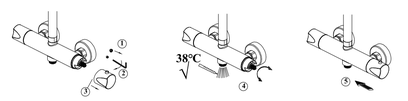
Care & Maintenance

1. Surface care

1. Rinse the surface faucet with clean water first, then dry it with soft cotton cloth.
2. If there is some surface dirt and film which is difficult to clean, please use litmusless or alkalescent cleanser to clean them(recommended PH value is 7-9). Then rinse it with clean water and dry it with soft cotton cloth.

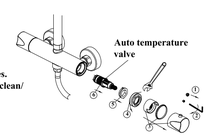
2. Adjust Temperature Selection Handle

* The temperature selection handle has been calibrated before shipping and generally does not require recalibration;
* Should you wish to reclibration the temperature setting, please follow the steps below:
1. Remove cover;
2. Unscrew the screw with a hexagon wrench;
3. Remove handle;
4. Adjust the exposed auto temperature valve until 38°C is registered on your thermometer;
5. Reinstall the handle.



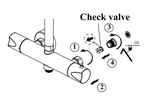
3. Cleaning and Replacement of the Auto temperature valve

*Auto temperature valve should be cleaned periodically to prevent any accumulation of dirt which may lead to leakages. Simply follow the steps below and rinse with clean water to clean/repace your auto temperation valve.



4. Cleaning and Replacement of the Check valve

*The check value should be cleaned periodically to prevent any accumulation of dirt which may lead to leakages.Simply follow the steps below and rinse with clean water to clean/repace your the check valve.



Troubleshooting Guide

Issues	Component	Checkpoint	Corrective Action
Low Water Flow	Supply valve	Check if the supply valve is enough or not	Open it to full Supply valve
	Handle shower	Check handle shower if there is impurities or not	Remove all impurities
	Head shower	Check head shower if there is impurities or not	Remove all impurities
	Auto temperature valve	Check auto temperature valve if there is impurities or not	Please refer to "Care & Maintenance" to clean it
	Check valve	Check valve if there is impurities or not	Please refer to "Care & Maintenance" to clean it
Leakage	Connection	Check if the connection is with washer or not	Add the washer
	Cartridge	Check if the cartridge is disentangle or not	Tighten the cartridge
Inconsistent Temperature	Supply valve	Check if the supply valve is enough or not	Open it to full supply valve
	Supply pipes	Check if the cold/hot supply pipes	Connect the hot and cold supply pipes correctly
	Temperature handle	Check if the temperature control handle setting is not correct	Please refer to "Care & Maintenance" to re-adjust it

Attention:
Please leave manual with customer post installation.