

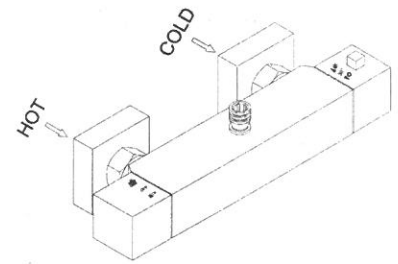
# Installation User Manual

Dear Valued Customer:

Thank you for your choose our thermostatic shower mixer. Please read the following instruction before installation.

## 一、Installation Precautions:

1. Please check whether the spare parts are competing after unpacking the package;
2. Please combined the shower pipe such as elbow, straight pipe, base and so on according to the installation diagram;
3. Please remove the impurities in the water pipe and sludge, so as to avoid clogging before the installation;
4. In order to cause none trouble, try not to let the threaded bottom surface of the curved foot out when you wrapped it by raw material before installation;
5. Please check if the water pipe interface is consistent with the water inlet joint; and keep the shower pipes and the thermostatic faucet main body align, it must keep the balance from the top to the bottom, titled phenomenon is not allowed;
6. The temperature is decided by the working principle and internal structure of constant temperature, so please make ensure the cold and hot water supply pipeline are corresponding to the tap water inlet part of the cold (blue), heat (red) attributes, which agree with the heat principle. (Pictured above). The thermostatic faucet would not work when the water inlet of hot and cold water are contrary to the requirement. [ Please note that any losses caused by the contrary pipe connecting do not responsible to our company]
7. The thermostatic faucet is the main part of the thermostatic shower set. Please do not disassemble the thermostatic faucet by yourself;
8. The thermostatic faucet does not have neither the self-heating function, nor pressure adding or pressure regulating function. Its function could not assure when it is water supply temperature or water pressure cannot meet the conditions of usage.
9. Please check whether the connection is close enough to avoid the leakage after the installation.
10. We recommend that shower ser is fitted by a qualified plumber.

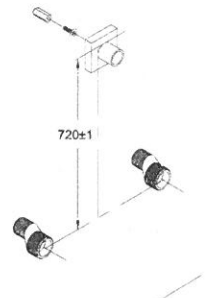
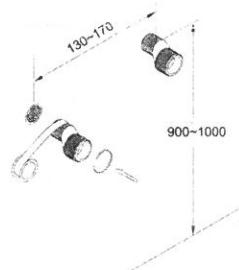
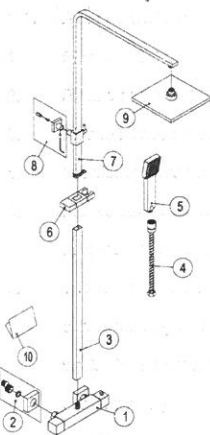


## 二、Thermostatic shower set installation diagram:

### 1. List:

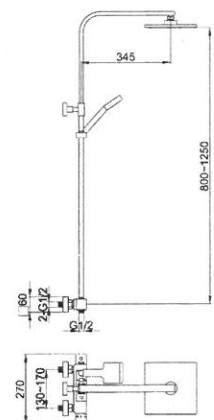
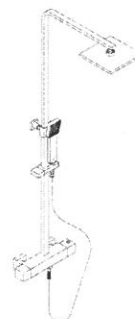
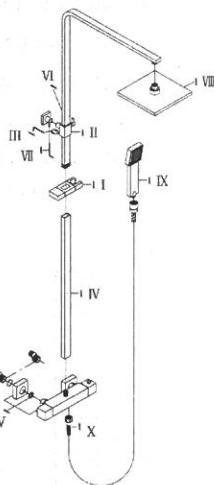
No	Name	Qty
1	Thermostatic faucet main body	1
2	S-Connection & parts	1
3	Square straight pipe	1
4	Hose	1
5	Hand shower	1
6	Square sleeve	1
7	Square L-shaped tube	1
8	Housing units	1
9	Head shower	1
10	Installation instruction	1

### 2. Installation step:



a. Please refer to the figure provided above of the Height of the embedded pipe to embedded two outlets before installing this product( Dimensions refer to center distances of two outlets is 150mm, the height from the floor to the two outlets is about 900-1000mm). Wrap the curved foot by raw material and Then embedded it into the wall. (In order to cause none trouble, try not to let the threaded bottom surface of the curved foot out when you wrapped it by raw material before installation;

b. Install the wall holder in accordance with the actual size



c. Install the faucet in order

d. Installation finish and test

e. Dimension

### 三、Thermostatic Technical Description:

1. Ideal working pressure : 0.1MPa ~ 0.5MPa ; water pressure difference between hot and cold: <0.1 Mpa
2. Cold water inlet temperature : 4℃ ~ 29℃ ; Hot water inlet temperature : 55℃ ~ 85℃ ;
3. Security button setting temperature : 38℃ ;
4. Applicable standards: ASME A112.18.1-2005/CSA B125.1-05、EN1111 and QB2806-2006.

### 四、Usage Instructions;

1. This item thermostatic faucet temperature is controlled by right hand wheel. And water outlet mode and water volume is controlled by the left hand wheel;

- ① When the right hand wheel scale is aligned to (38±2) °C(see picture below). Right hand wheel is clockwise rotation, temperature decreases; temperature increases when right hand wheel is counterclockwise rotation.
- ② When the left hand wheel scale is aligned to off state( see picture below), clockwise rotation, bathtub and hand shower start to work; rotating it counterclockwise, head shower start to work

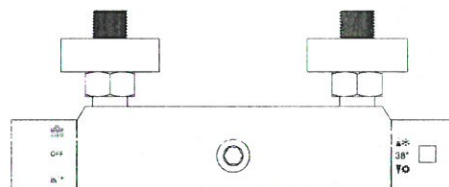
### 五、Maintenance:

To keep shower faucet luminosity bright, please clean the faucet frequently or periodically:

1. Clean the faucet with water, dry it with a soft cotton cloth;
2. To avoid wear products, to please do not clean the faucet by detergent with coarse particles such as scouring power or polishing powder or with nylon brush or broom.
3. Please does not use the acid detergent since would erode the coating. If you use the acid detergent to wash ceramic, please fully wash the ceramic and immediately with water to avoid detergent flow to faucet surface and erosion the faucet bottom;

For extensive cleaning, please observe the following procedures :

1. Try to clean the dirt on the surface membrane by water and soft cloth ;
2. Choose one of the following cleaning agents to clean the dirt on the surface :
  - Mild liquid detergent;
  - Colorless glass cleaner, non-abrasive and powered detergents which can completely dissolve;
  - Polishing liquid without abrasive action;
3. Please use clean water to remove all the cleaning agents, and dry with a soft cotton cloth.



### 六、Abnormal causes and solutions during using :

#### I. No hot water:

- (1) when the thermostatic faucet is setting above 38 degrees Celsius, but no hot water comes out :
  - a. Cold and hot water pipes are in opposite direction. Solution ; change the direction of the cold and hot water pipes to meet the principle of left is hot and right is cold;
  - b. Hot water pipeline residual cold water. Solution: let go the residual cold water before use it.
  - c. Due to water supply is cut off, or the cold water inlet portion is clogged, caused no cold water comes into the valve. Solutions: clean the water filter parts.
  - d. Hot water inlet blockage, or non-compliance to condition to use hot water supply. Solution: Clean water filter parts, and ensure hot water supply compliance with use conditions
- (2) when the thermostatic faucet is setting above 38 degrees Celsius, but water does not hot enough :
  - a. the hot water supply does not reach above 55℃. Solution: increase the hot water temperature to compliance with the use conditions;
  - b. Hot water supply pressure does not reach to constant temperature conditions (not enough water pressure , it general happened to common solar attic user). Solution: it is recommended that if the cold water temperature is normal, please replace the solar water heater storage. If the water pressure can not meet the requirements of the constant use conditions, we suggest adding the booster.

2. Gas water heater ignition can not work or intermittent: this condition leads to either cold water or hot water, it caused by not enough water flow rate and temperature is not high enough. Solution: adjust the gas water heater, let water temperature, and water flow to a higher level.

3. The water temperature of the electric water heater is low: this situation is mainly due to that the water heater temperature is generally setting at the 50℃, so water temperature through thermostatic faucet will be low. Solution: re-set the hot water temperature. We recommended to set at about 60℃.

4. Faucet leakage, solution: tight the joint by tools or wrap the raw material on the thread.

5. Shower head and hand shower drip. Solution: make the diverter hand wheel keep the level.

**Tips: it is the best collocation to use the thermostatic shower set with electric water heaters and air heaters**