

Installation Instruction Thermostatic concealed 2-way shower mixer

Item no.: AB2545

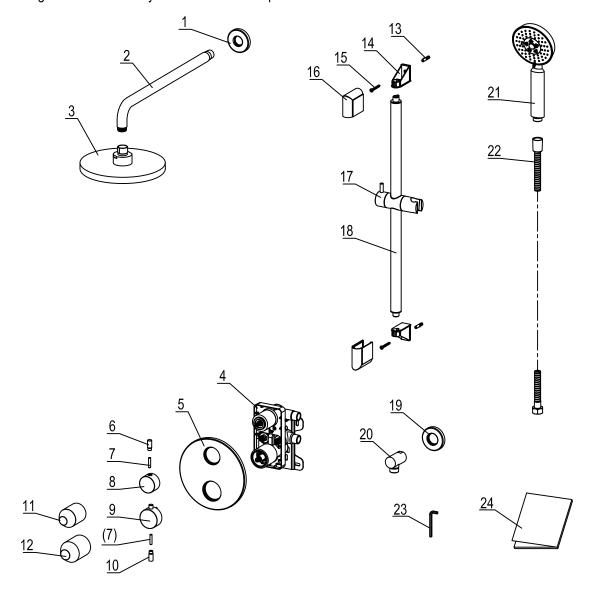


XACCESSORIES CHECKING

LIST OF THE STANDARD ACCESSORIES:

Please double-check the accessory list hereinafter and contact our company or our distributor for any unconformity. Remarks:

- 1. Without affecting their performancing, accessories may be changed without further notice.
- 2.Drawings for reference only. Product size & shape refer to actual faucet.



| Component | Qty | Component | Qty | Component | Qty | Component | Qty |
|--|------------------|---|---------------|---|-----------------------|---|-------------|
| 1.Decorative cup A 2.Shower arm 3.Overhead shower 4.Concealed body 5.Decorative plate 6.Diverter lever | 1 1 1 1 | 7.Screw 8.Diverter handle 9.Temperature handle 10.Temperature lever 11.Plastic graud A 12.Plastic graud B | 2 1 1 1 1 1 1 | 13.Expansion plug 14.Fixing hook 15.Self-tapping screw 16.Decorative cover 17.shower hook 18.Sliding rail | 2 2 2 2 1 | 19.Decorative cup B 20.Shower union 21.Hand shower 22.Shower Hose 23.Allen wrench 24.Manual | 1 1 1 1 1 1 |

Features & specifications:

 Applicable water pressure 0.03-0.6MPa, best among 0.1-0.5MPa,

max tolerence between cold & hot water pressure: 0.6MPa.

- 2. Temperature for hot water supply 50°C-80°C, suggested using temperature 60°C-70°C, and cold water supply temperature 5°C-25°C.
- 3. Preset conditions for thermostatic cartridge: hot water65°C, cold water

12°C and water pressure 0.3MPa.Default temperature 38°C.

temperature will be slightly different due to pressure or other present conditions.

- 4. Using temperature for thermostatic cartridge: 15°C-50°C±1°C.
- 5. The switch handle controls hot & cold water and the flowrate.
- 6. With 38°C safeguard button, you could avoid scald from overheat.
- 7. Self-balancing pressure for hot and cold water, and its compensating function.
- 8. Anti-scald device actions when cold water supply cut off suddenly.
- 9. No glue to use for connecting the hot & cold water pipes to the mainbody.

※Pipes testing attentions

- ☆ Turn off faucet, set up max pressure 1.6Mpa±0.05Mpa for the supplying pipes to test sealability.
- ☆ Turn on faucet, block water outlets up and down, set up the max pressure 0.4Mpa±0.02Mpa for the supplying pipes to test the sealability again.

X Attentions:

- 1. Product using pressure 0.3-0.6MPa(distance between water tank and the faucet: no less than 3 meters), pls use the pressure motor when the pressure is too low, on the contaray, to reduce pressure when it's too high.
- 2. Pls choose the pressure motor on basis of stable pressure, we could not guarantee that gas heater is suitable to use with the faucet.
- 3. Do not disassemble the main body, as it has been installed & commissioned correctly & precisely before leaving the factory.
- 4. To avoid faucet from jamming, do flush the water pipe before installation.
- Make sure to connect the hot/cold water inlet pipes correctly, if standing in front, hot water pipe connectly to the left & cold water pipe connecting to the right.
- 6 Max temperature for hot water supply 80°C, the thermostatic cartridge will lose effectiveness or even being damaged due to overheat exceeds 80°C.
- 7. Test the water tightness on every joint & make sure no leaking after installation.
- 8. Pls clean the thermostatic cartridge with water regularly.
- 9. Waranty period: 1 year limited liability, not including damages arisen from improper installation and improper use.
- 10. Do use the our spare parts for replacement if any maintanance needed.

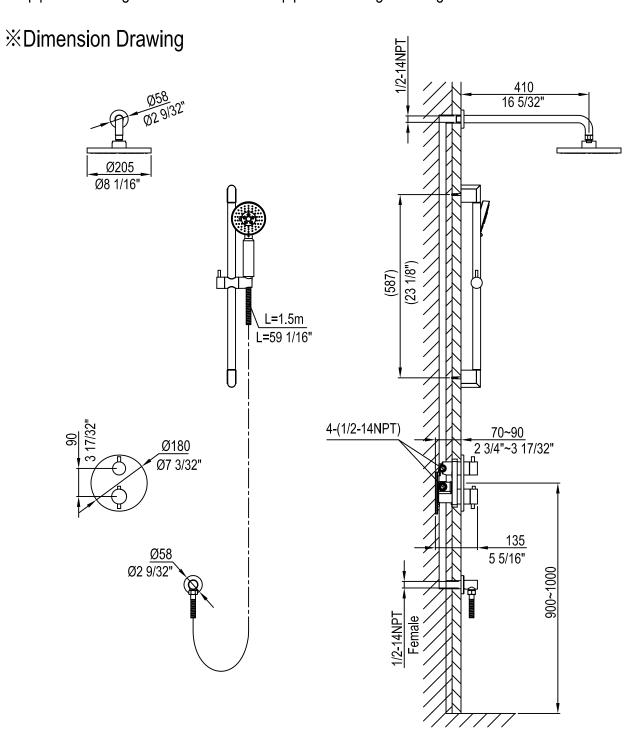
XInstallation instructions:

- ☆ Do not disassemble the main body, as it has been installed & commissioned correctly & precisely before leaving the factory.
- ☆ To avoid the faucet from jamming, do flush the water pipe before installation.
- ☆ After installation, make sure every joint safely sealed & no leaking.
- ☆ The nominal water pressure is 0.05 -1.0Mpa (including cold & hot water pressure), suitable for water temperature : 4°C 90°C.

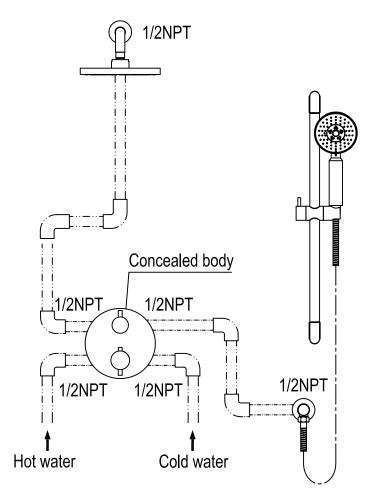
Flush the pipe

Disassemble

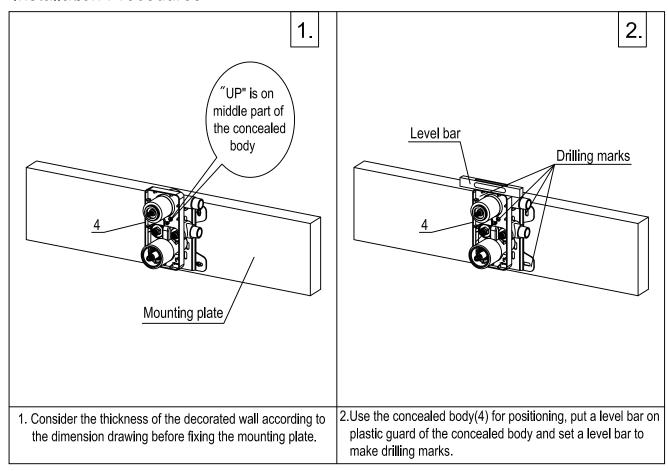
A Make sure to connect the hot/cold inlet pipe correctly, if standing in front, hot water pipe connecting to the left & cold water pipe connecting to the right.

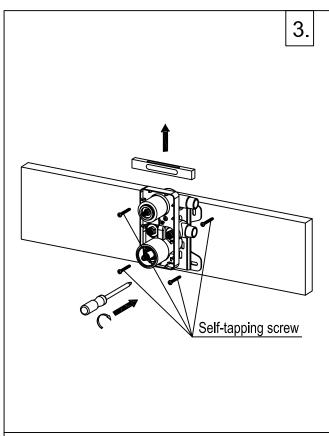


%Pipe instruction



%Installation Procedures



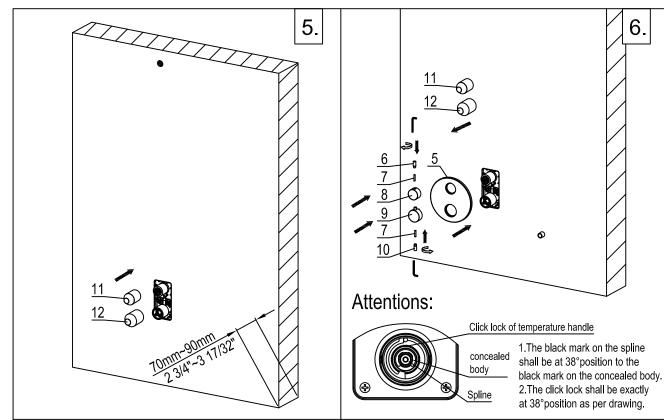


4. 1/2-14NPT Overhead Female connetor shower **WELDING PROHIBIT** 1/2-14NPT Male connetor hot shower Cold water water union 4. Connect to the hot and cold water supplies and outlets and

3. After adjusting the location of the concealed body, fixed it by 4 pcs of self-tapping screws on the mounting plate.

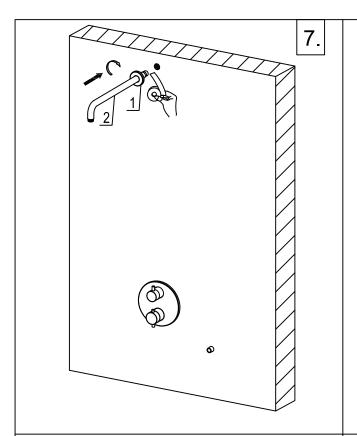
test the tightness. Testing conditions: At closing position to water test the water supply pipes and main body, water pressure ≤1.6MPa(232PSI). At opening position to water test the water outlet pipes and valve, water pressure ≤0.4MPa (58PSI).

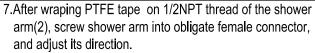
6.

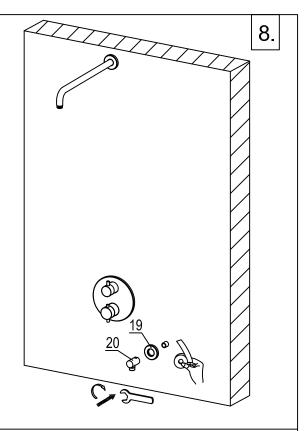


make sure the thickness of the tiling shall be 70mm-90mm $(2\ 3/4"\sim 3\ 17/32").$

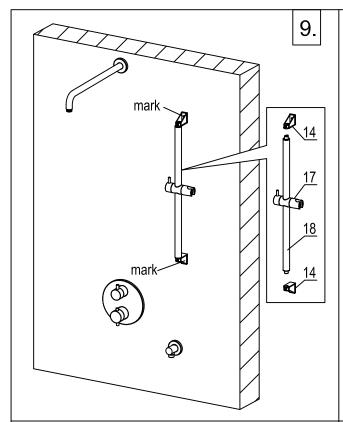
5.To decorate the wall as the construction requirement, and 6.Put the decorative plate(5) onto the concealed body, and put on the diverter handle and temperature handle(6~10) after adjusting the direction.



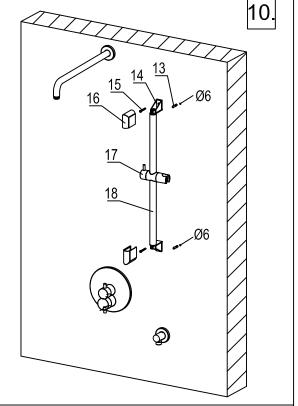




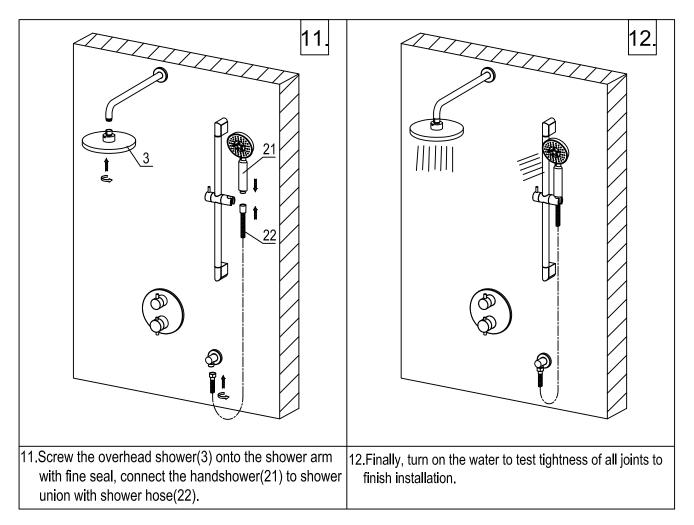
8.After wraping PTFE on obligate male connector, screw the shower union(20) with a wrench into obligate male connector, and adjust the shower union direction.



9. Put the fixing hooks(14) on the sliding rail(18), use the combination for positioning to make drilling marks at a suitable place on the wall.

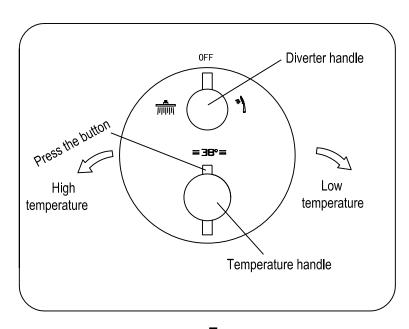


10.Dig 2-Ø6mm holes, knock the expansion plugs(13) into the holes, fix the sliding rail on the wall with the self-tapping screws(15), then put the decorative covers(16) on.



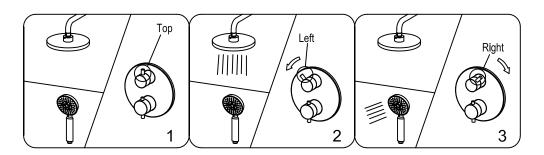
XUsage

- ☆ Usage of temperature adjustment: temperature handle is the under one,
 - 1) When the buttom at the top, water temperature is about 38°C.
 - 2) Turn the temperature handle clockwise to the right, water temperature is decrease.
 - 3) Press down the button and turn the temperature handle anti-clockwise to the left, water temperature is increase.



Diverter handle is the upper one,

- 1) When diverter lever at the top as hereunder picture 1: water is trun off.
- 2) Turn diverter lever to the left as hereunder picture 2: water comes from the overhead shower.
- 3) Turn diverter lever to the right as hereunder picture 3: water comes from the hand shower.



%Cleanning & maintainance

- ☆ To keep the product clean & shining, follow the steps as below:
 - 1. Flush with clean water & dry with soft cloth only.
 - 2. If any dirt, clean with soft liquid or transparent glass detergent.
- 3. Do not use any scrubbing detergent, polisher, sand-cloth, paper tissue or scraper.
 - 4. Do not use acid detergent, indissolvable grain-like detergent or soap.

^{*}The installation manual is only for your reference, the final right to explain & revise is belongs to us.