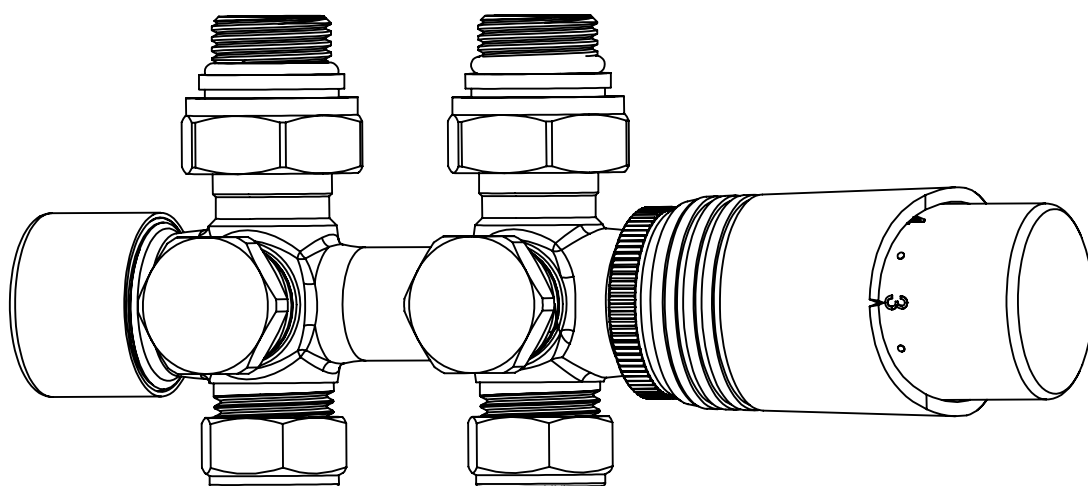


User Manual Instructions

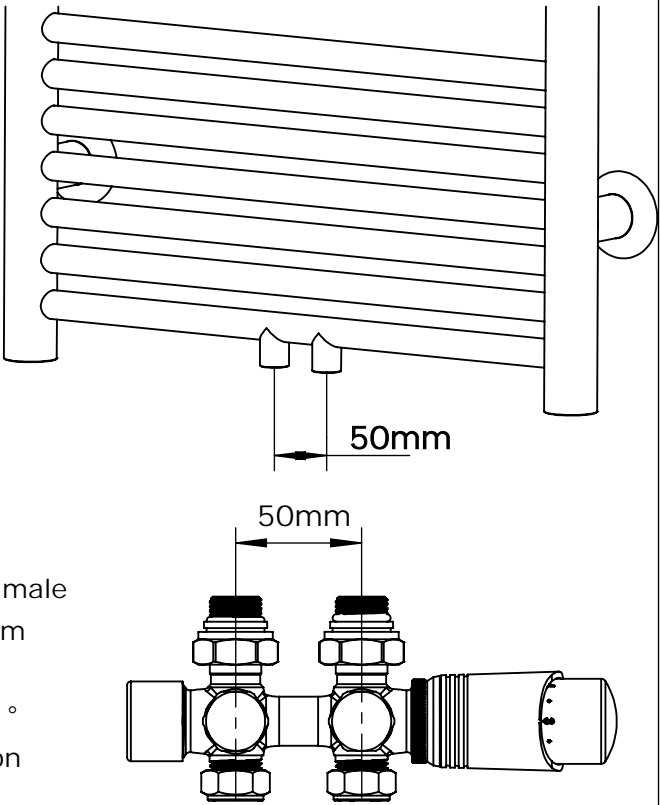
Multi-Functions Thermostatic Radiator H Valve



Product Introduction

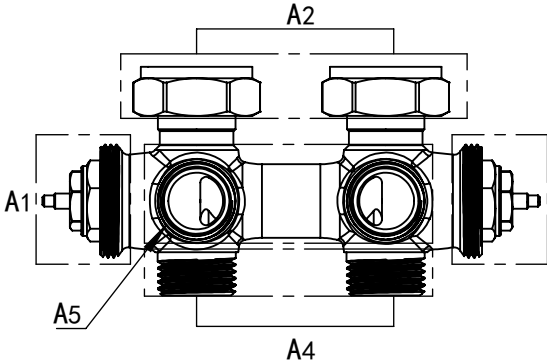

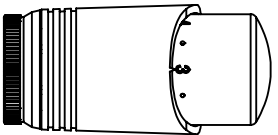
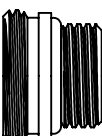

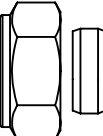
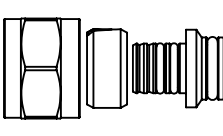
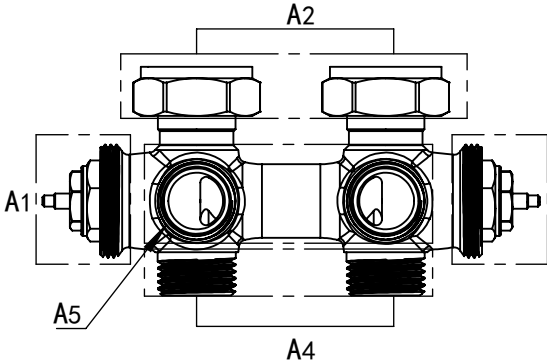

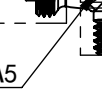

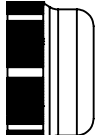
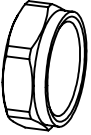
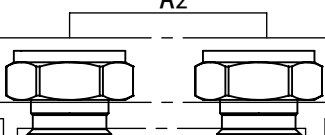
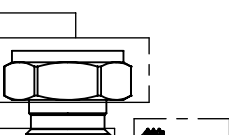
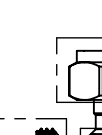
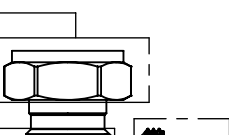
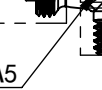
Product Name: Multi-functions Thermostatic Radiator H Valve
Material: Brass
Dimension: G1/2"* \varnothing 15mm & \varnothing 16mm * 50mm center distance
Working Medium: Cold / Hot Water
Range of Temperature Adjustment: 7-32
Max Working Temperature: 100
Max Working Pressure: 10 bar
Max Pressure Difference: 0.6 bar

This product is applicable to the towel radiator with a center distance of 50mm or other equipment.
The product is applicable to various installation environments:
The connection of towel radiator can be female thread G1/2" or male thread G3/4". The pipes can be \varnothing 16mm PEX pipes or be \varnothing 15mm copper pipes.
The connection between radiator and pipes can be straight 180 ° installation (pipes come from the floor) or angled 90 ° installation (pipes come from the wall).

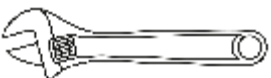






Parts List

Please check carefully the parts list and install product according to the steps of instruction

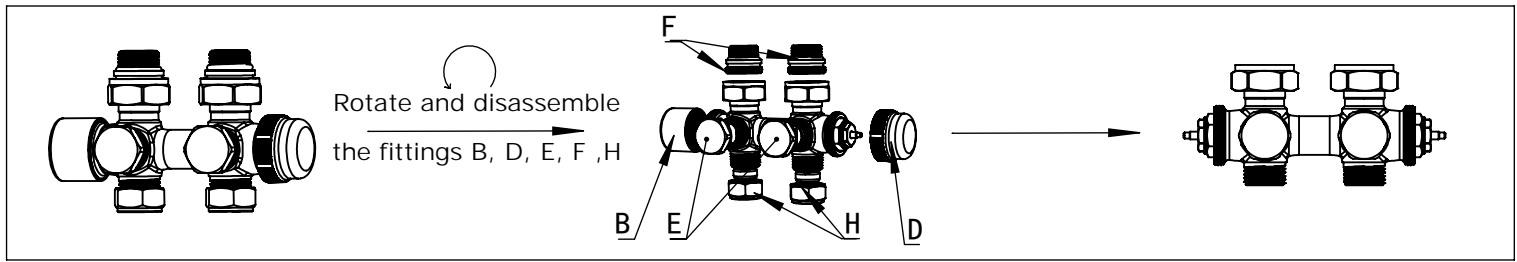
| | | |
|--|---|---|
|  A |  B |  C |
|  F |  G |  H |
|  I |  A |  B |
|  A5 |  A4 |  D |
|  E |  A2 |  A3 |
|  A1 |  A3 |  A5 |

Necessary Tools



| | | | |
|--|---|---|--|
|  T1 Max Opening 31 mm | Use Tool T1 or T2 + T3 | |  T4 4 mm |
|  T2 25 mm |  T3 30 mm | + | |
| | |  T5 12 mm | |

Installation Instructions

1. Open the package, take out the valve's body and disassemble the fittings B, D, E, F, H



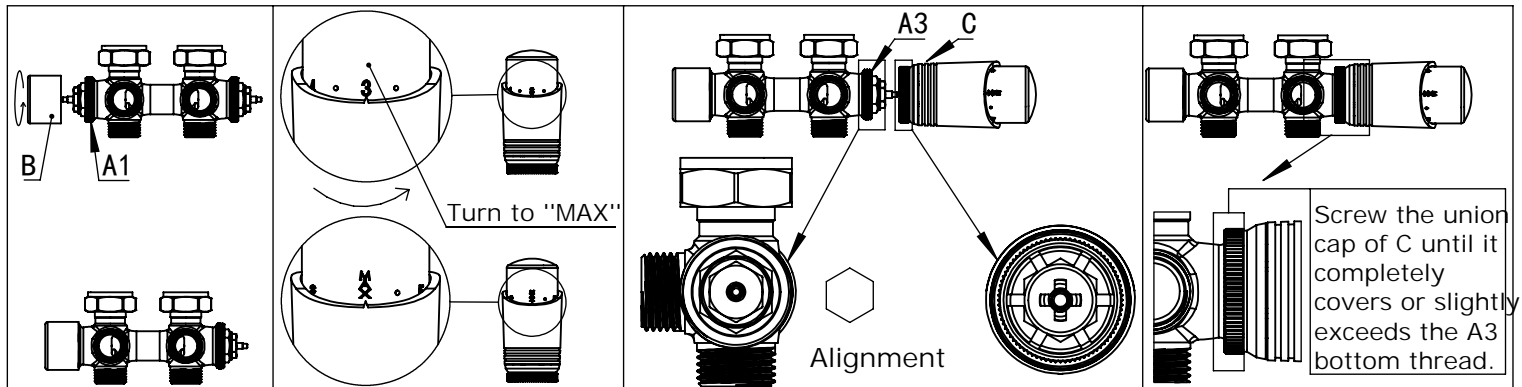
2. Install the part B to the valve's body A1 side. Screw in part B until it just covers the thread. Do not screw in too much, otherwise the valve will not work normally.

Install part C to the valve's body A3 side. Firstly turn the handwheel of C to "Max". Then place the bottom  groove of C to A3 valve's core  shape, press C into the A3 slightly. And then tighten the union cap of C until it completely covers or slightly exceeds the bottom thread of A3, which indicates that the part C is successfully installed.

If the screwed position is far from the A3's bottom thread, please screw out and try again several times.

Attention: If the water's inlet end is opposite to A3, please exchange the installation positions between B and C.

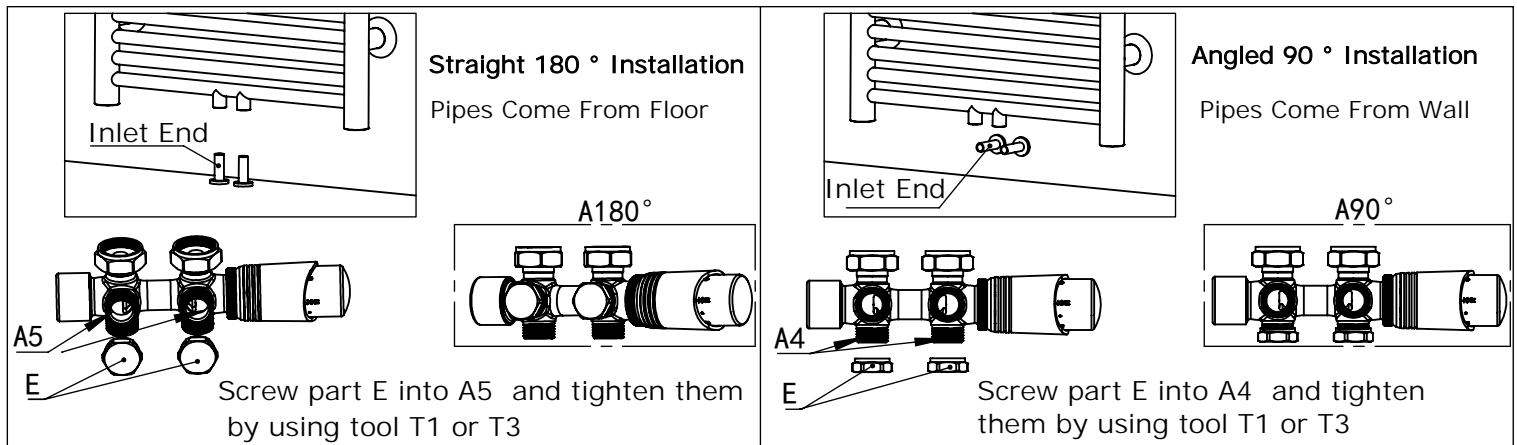
Warning: If the screwed position of C is too far from the A3 bottom thread, it may result in failure of working



3. Check the location of your radiator and pipe's inlet/outlet if it is straight 180 ° installation (pipes come from the floor) or angled 90 ° installation (pipes come from the wall).

In case of straight 180 ° installation (pipes come from floor), install 2 parts E into the A5 by tool T1 or T3.

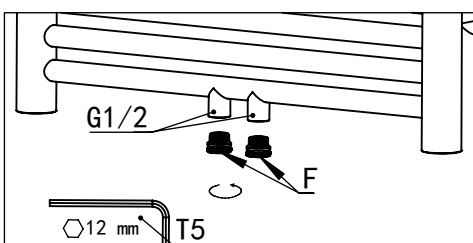
In case of angled 90 ° installation (pipes come from wall), install 2 parts E into the A4 by tool T1 or T3.



4. Check the connection end of your radiator if it is female thread G1/2" or male thread G3/4"

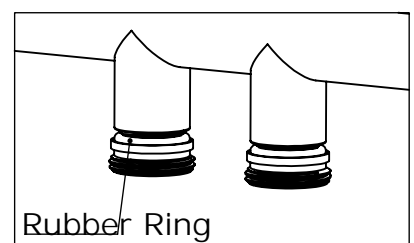
If it is female G1/2", need to use 2 fittings F and install them into the radiator's connection F1/2" .

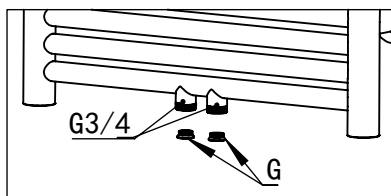
If it is male thread G3/4", need to use 2 fittings G and install them into the radiator's connection M3/4"



Use tool T5 to screw fittings F into G1/2.

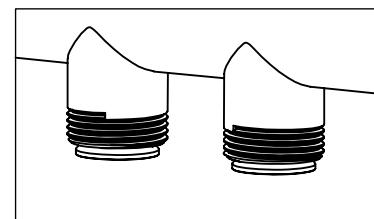
Attention: Do not damage the rubber ring on fitting F when screwing in.





Plug the rubber ring side of fitting G into radiator's connection G3/4"

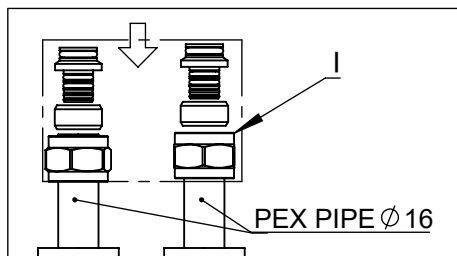
Attention: Part of radiators can be directly connected to the valve's A2 end and sealed. Such radiators do not need to install fittings G.



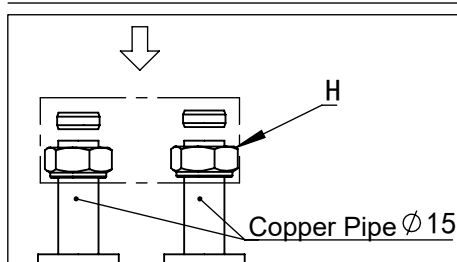
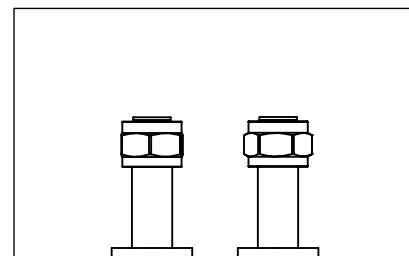
5. Check the pipe if it is $\varnothing 16$ mm PEX pipe or $\varnothing 15$ mm copper pipe.

If it is $\varnothing 16$ mm aluminum PEX pipe, need to use two sets of fittings I and install them on the aluminum PEX pipe.

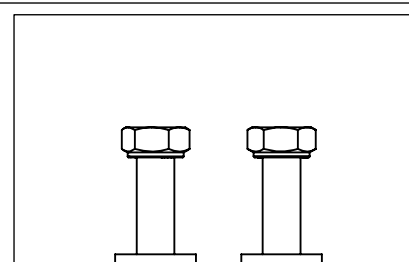
If it is $\varnothing 15$ mm copper pipe, need to use two sets of fittings H and install them on the copper pipe.



Put the fittings I on the aluminum PEX pipes and put them in the order as left picture shown and waiting for assembling.



Put the fittings H on the copper pipe and put them in the order as left picture shown and waiting for assembling.

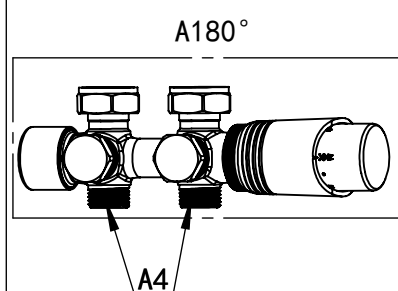


6. Select the correct prepared body by step 3 according to the location of radiator and pipe's inlet/outlet (Straight 180 ° or Angled 90 °), then install the pipes.

If it is straight 180 ° installation , connect the A4 of "A180 °" type body by step 3 to the pipes in step 5.

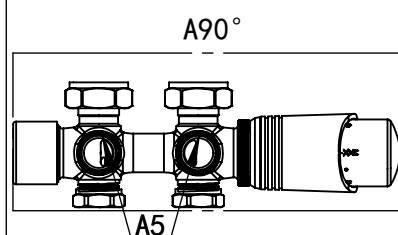
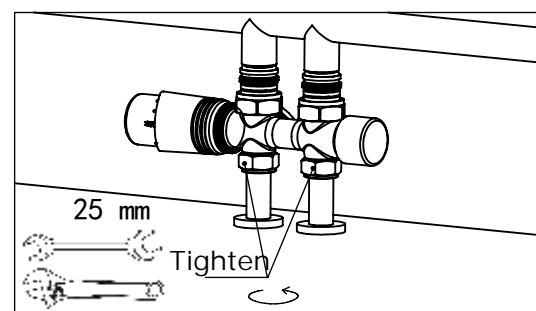
If it is angled 90 ° installation, connect the A5 of "A90 °" type body by step 3 to the pipes in step 5.

Warning: As the the product surface is chrome plating or painting, the direct contact of metal tools and product during installation may damage the surface and affect the overall beauty. Therefore, it is suggested that isolating the products with thin cloth or paper to avoid the tool directly contacting and damaging the surface when using force, or avoid any scratching or paint peeling.



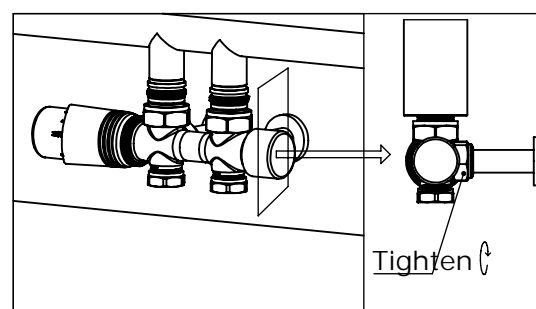
Straight 180 ° Installation

Connect A4 to fitting I or H and tighten them with tool T1 or T2



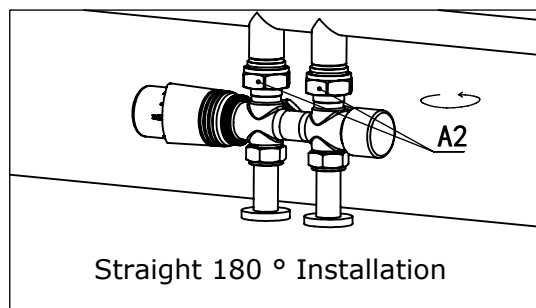
Angled 90 ° Installation

Connect A5 to fitting I or H and tighten them with tool T1 or T2

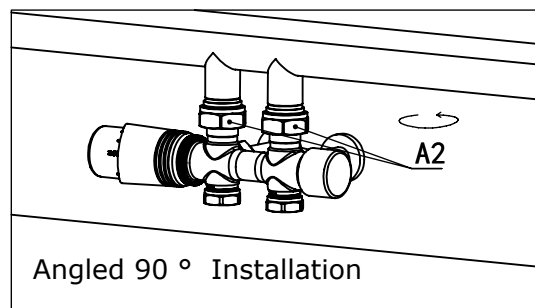


7. After installing the pipes, connect the A2 to the towel radiator.

Warning: As the the product surface is chrome plating or painting, the direct contact of metal tools and product during installation may damage the surface and affect the overall beauty. Therefore, it is suggested that isolating the products with thin cloth or paper to avoid the tool directly contacting and damaging the surface when using force, or avoid any scratching or paint peeling.



Tighten the union cap of A2 with tool T1 or T3



8. Adjust the temperature of thermostatic head C to your required range.
The "*" means the lowest temperature and the valve is complete shutdown.
The "Max" means the highest temperature and the valve is fully opening.

