

PZMFOXXX-00

Important Installation Considerations

1. NOTE: Some showers may not provide an effective shower when used with gravity fed heated water systems or where pressures are less than 150kPa at the outlet. Additionally showers with flow rates of less than 9L/min may not allow the following to function correctly:
 - _ some instantaneous water heaters
 - _ some tempering valves
 - _ some thermostatic mixing valves
2. Some shower heads only operate correctly when hot and cold water supplies are both mains pressure and may not be suitable for some instantaneous hot water services.
3. When water pressure is in excess of 500kPa a pressure limiting device is required

Three Shower System Installation Guide

Technical Specifications:

Operating Pressure:

Min: 150kPa/1.5bar

Max: 500kPa/5.0bar*

Optimum: 150kPa/1.5bar - 500kPa/5bar

Recommended installation of pressure limiting valve if supply exceeds 500kPa

Operating Temperature:

Hot: Max 80° C*

Cold: Min 5° C

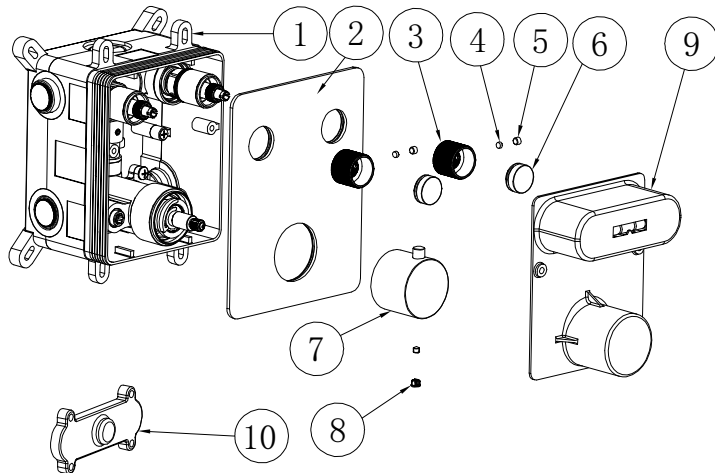
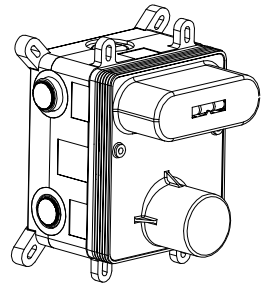
Inlet Connections:

All ½" BSP

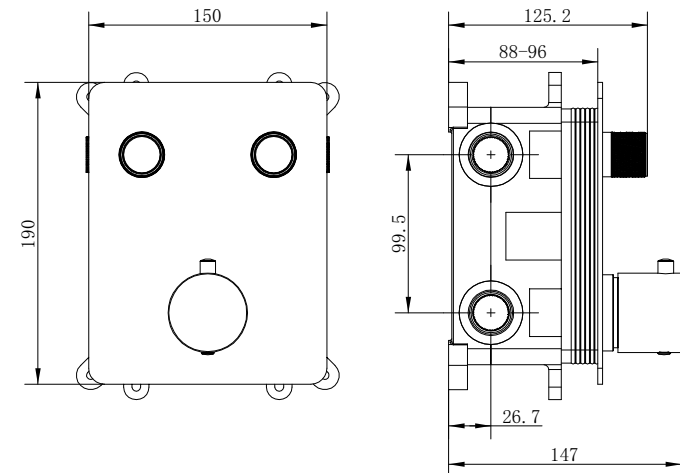
NOTE:

- After installation all connections must be checked for leaks
- All installations must be carried out in compliance with relevant water regulations*.

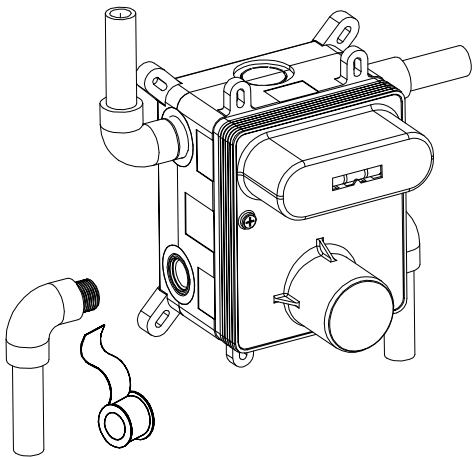
Technical Drawing



10	Baffle plate	1
9	concealed box's plate	1
8	color cap	1
7	thermostatic handle	1
6	push button	2
5	grey rubber plug	2
4	M5 screw	3
3	handle	2
2	plate	1
1	concealed box	1
NO	Part name	Qty

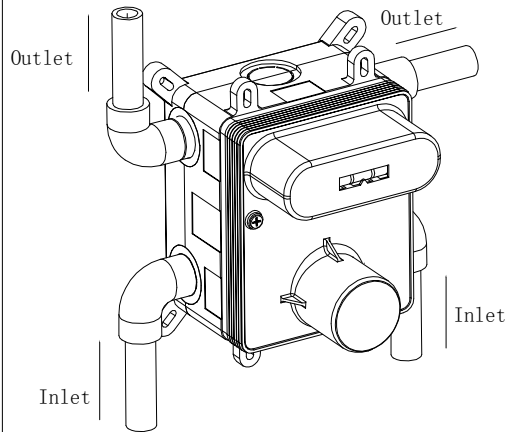


1.



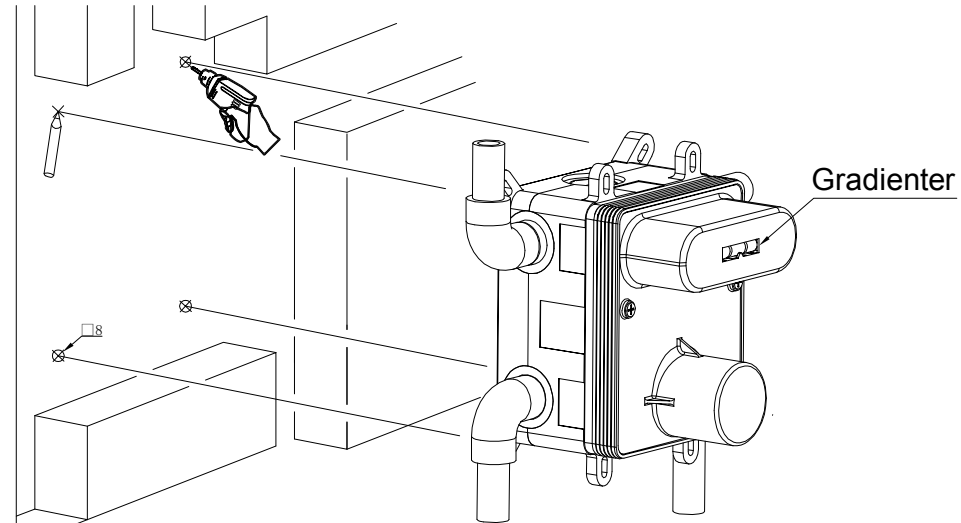
Wrap the connector with PTFE tape and screw it to the valve body.

2.



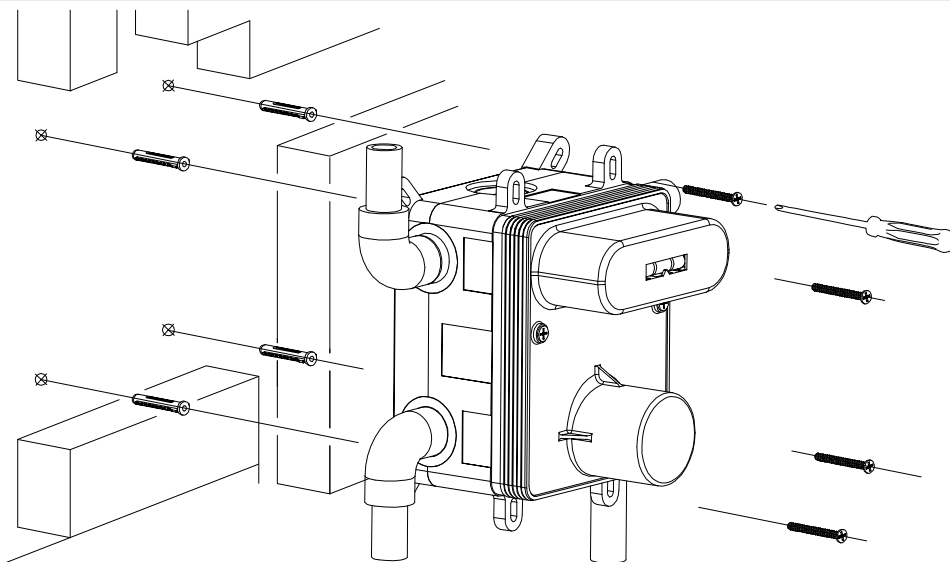
Connect outlet pipes as shown in the diagram.
Connect inlet pipes of proper length to the inlet connector.

3.



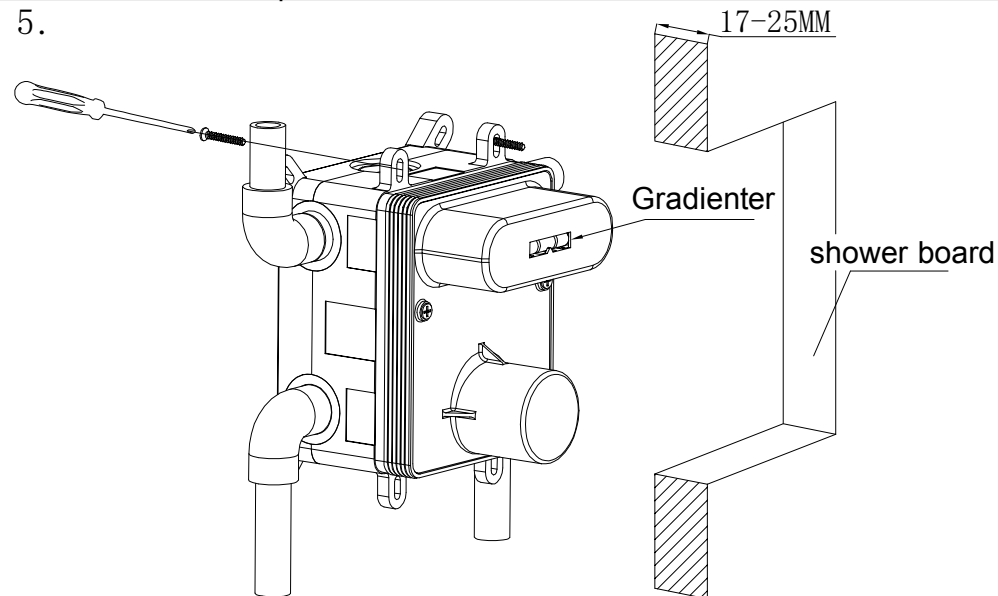
Drill a hole in the wall to fit in the mounting box. The depth of hole should refer to the concealed box's remark (including the thickness of tile). Adjust the mounting box by its Gradienter. Take the holes on the mounting box as benchmark to make marks on rough walls. Then Drill four Ø8 holes at marked positions

4.



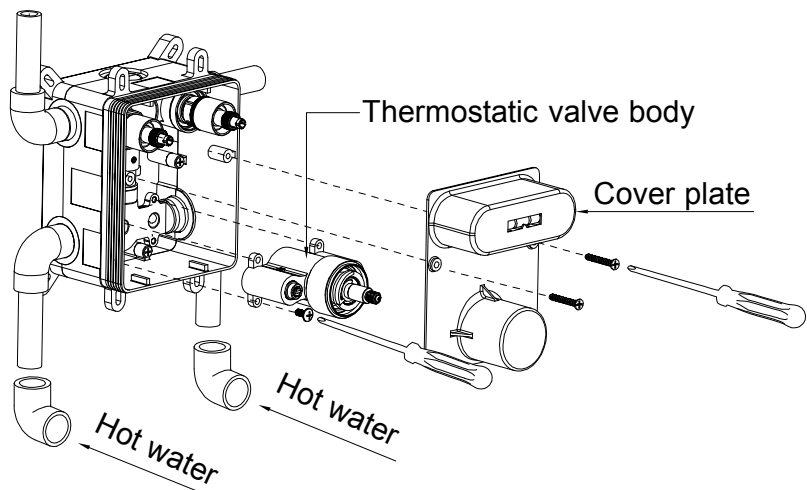
Insert anchors into Ø8 holes. Lightly fix the mounting box to rough walls by self-tapping screws.
Adjust the mounting box by Gradienter and then tighten self-tapping screws.

5.



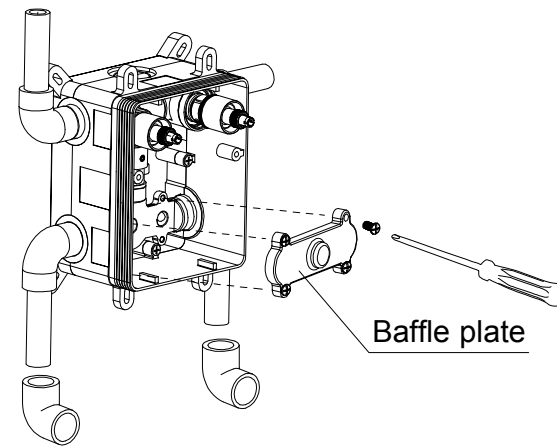
A second way of installation is to install the mounting box on the shower board. (Drill holes first on the shower board in accordance with the size of the mounting box.)

6.



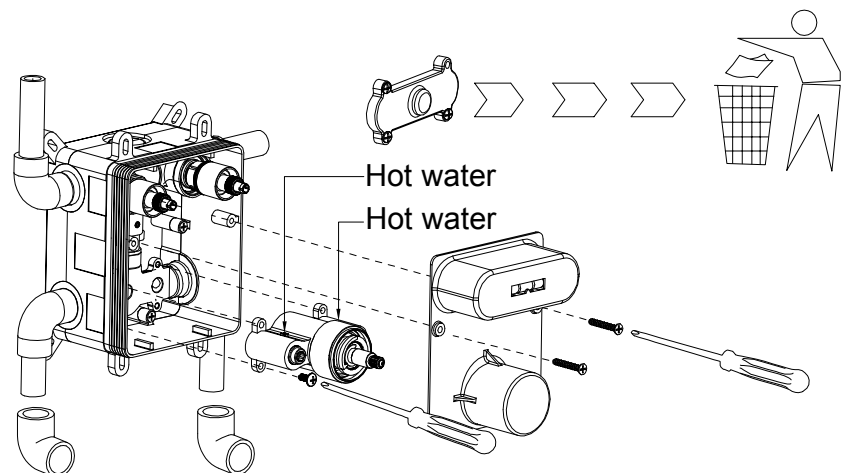
Disassembly the valve body, and pay attention the direction and keep 3 pcs filters well. Connect feeding pipes.
(Please note that inlets must be connected for hot left and cold right. Otherwise thermostatic cartridge will malfunction, or even cause scalding.)

7.



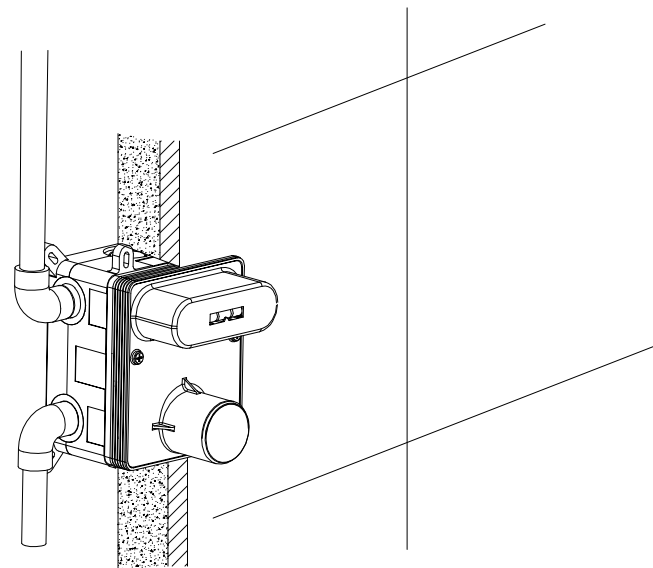
Install the Baffle, and turn on the valve body with hot & cold water. Use the cold water for replacement if there is no hot water. Clean up the sand in the pipe. Check all the parts to make sure there is no leakage.

8.



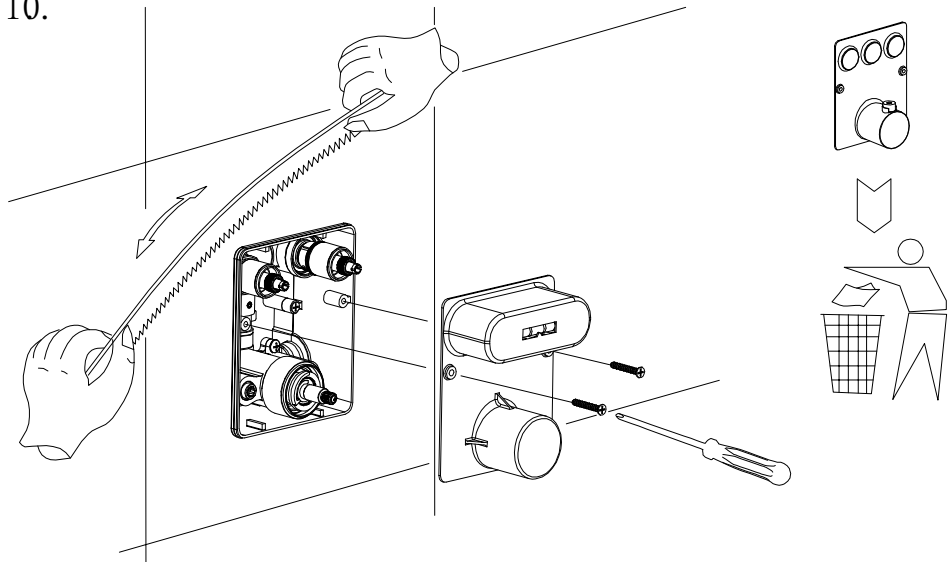
Refer to step 6 and 7 to remove the baffle plate, clean and dry the inside of the mounting box.
Install the thermostatic valve body and turn off the valve body, and turn on the hot and cold water.
Check all the connecting parts carefully and install the cover plate if no leakage.

9.



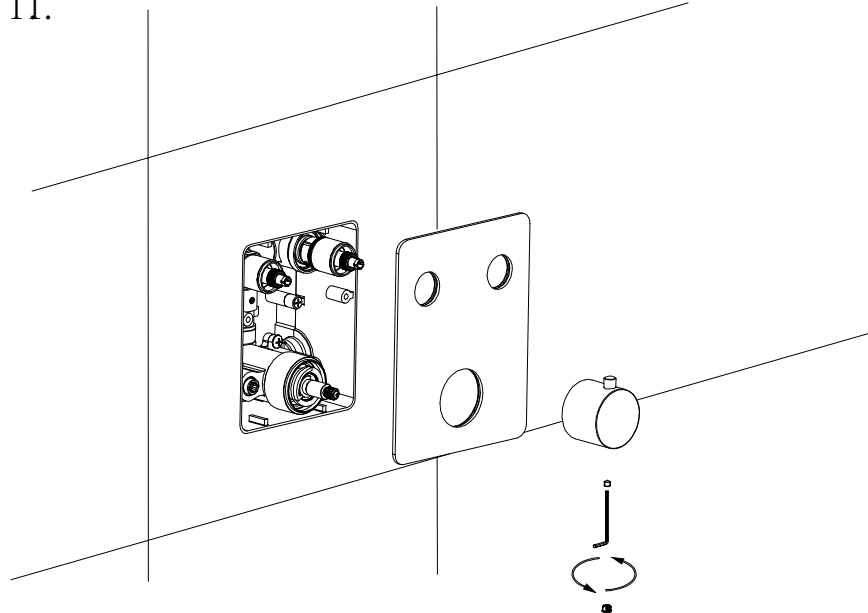
Stick the tile. Pls note the concealed depth is 88-96mm(including the thickness of tile).

10.



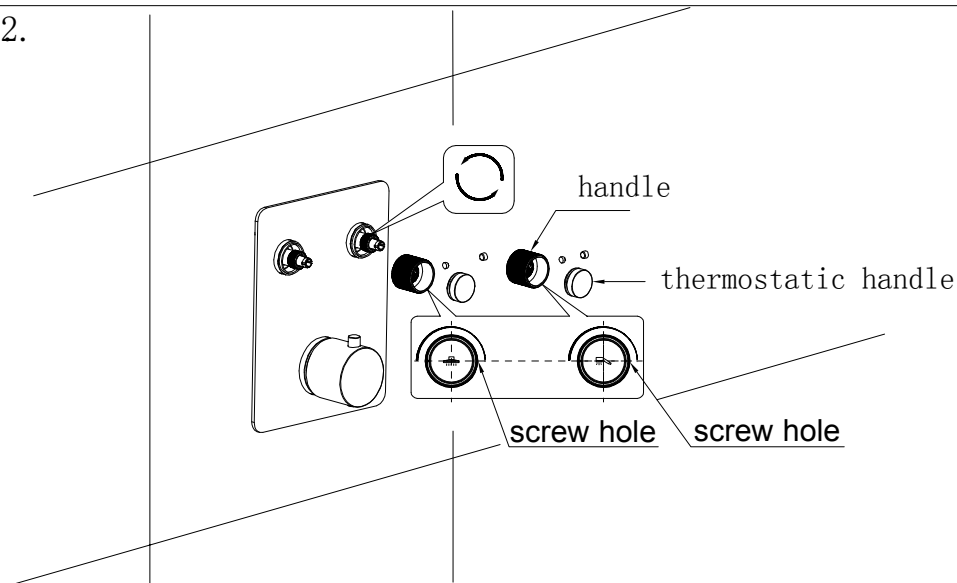
Disassemble the plate, and cut the surplus part of the mounting box. (Please note that the saw blade should only be placed from the edge of the mounting box to avoid damage to the product.)

11.



Install the plate and thermostatic handle.

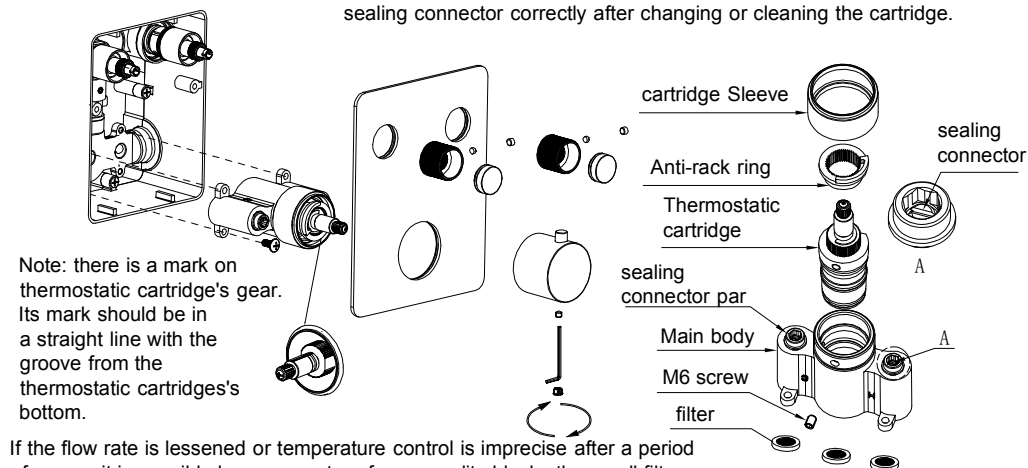
12.



Turn the diverter cartridge left, install the handle and push button.

13. Maintenance

Tight the sealing connector by the screwdriver. we can clean or change the thermostatic cartridge without turning off the inlet valve. Adjust the sealing connector correctly after changing or cleaning the cartridge.



Note: there is a mark on thermostatic cartridge's gear. Its mark should be in a straight line with the groove from the thermostatic cartridge's bottom.

If the flow rate is lessened or temperature control is imprecise after a period of usage, it is possibly because water of poor quality blocks the small filters on both sides of the valve body or the filter of the thermostatic cartridge. Cleaning method should be taken as followed: First, turn off the main inlet valve. Disassembly the thermostatic valve body as the image shown. Clean 3 filters. If there are too much dirt, we can take the thermostatic cartridge down and clean the filter of it. Pay attention when assemble the thermostatic cartridge, its mark should be in a straight line with the groove from the thermostatic cartridge's bottom. Then assemble them back accordingly.