

Background of Ultra-thin Exposed FCU

This is our new developed ultra-thin exposed fan coil unit, only about 18cm thickness, but at the same time ensured the good performance of the cooling and heating. What's more, the kind of ultra-thin fan coil unit have the low noise and can be ceiling suspended, wall mounted or floor standing, which is suitable for home use and other place. Now the thickness of exposed fan coil unit on the current market is 25.5cm, 24.5cm or 24cm. Now our slim exposed fan coil unit is about 6 cm thinner.



Thickness: 25.5cm



Thickness: 24.5cm



Thickness: 24cm

Brief of the Ultra-thin Exposed FCU

This This slim exposed fan coil unit takes the world intangible cultural heritage-Chinese Zither as the theme and blends the calm and elegant shape of the Chinese Zither and the pure and quiet tone, which represents people's long for a better life. This slim exposed fan coils not only focus on exquisite appearance, but also have excellent performance, which is far ahead of other ultra-thin exposed fan coil units. This product has a variety of installation methods (wall-mounted, floor standing and ceiling suspended). Its body thickness is much thinner than all other exposed fan coil unit on the market, only 18cm.

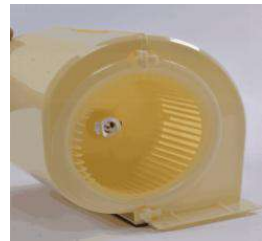




Panel: 0.8mm hot-dip galvanized steel sheet, pasted insulation inside



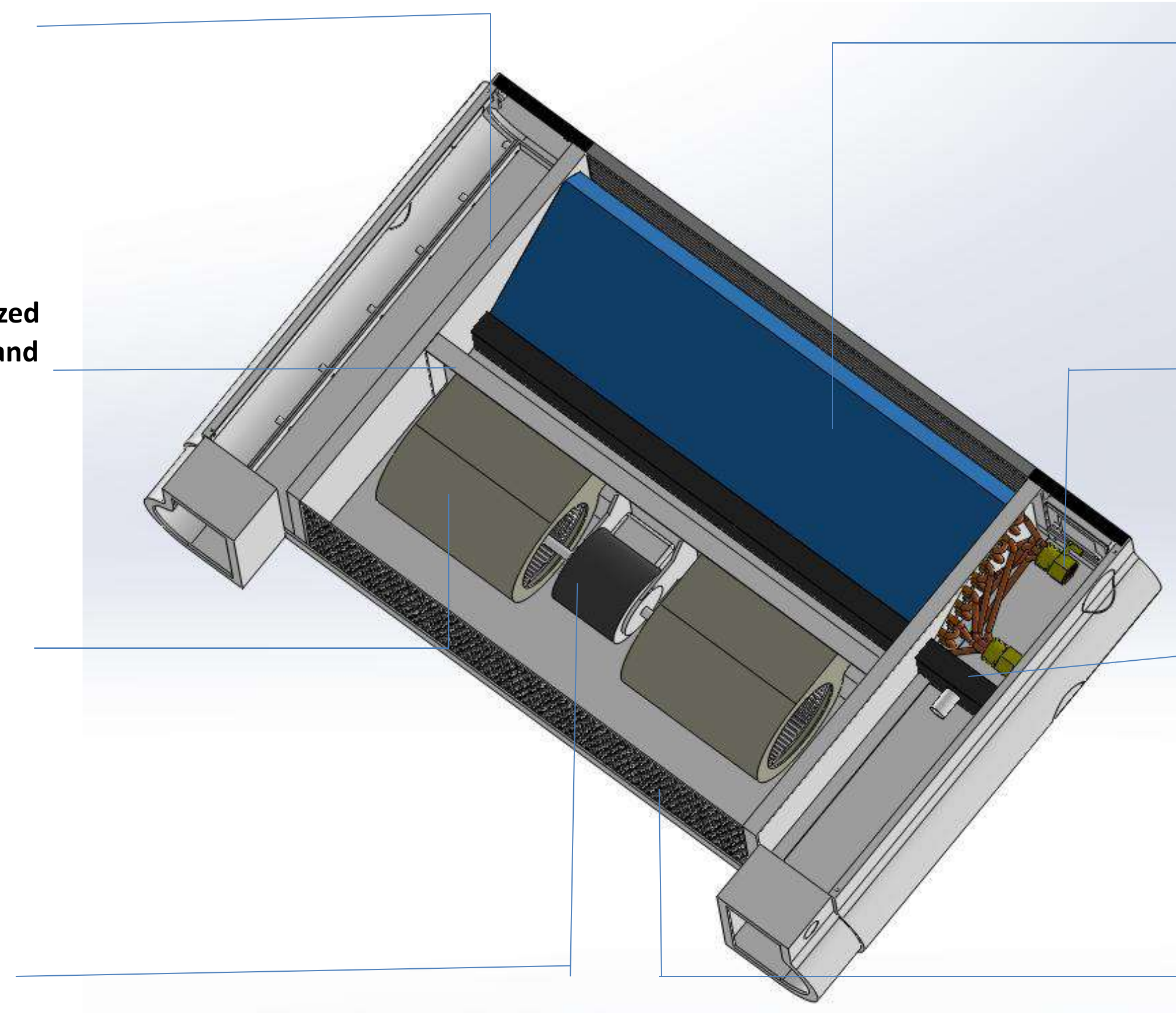
Motor panel: 1.0mm hot-dip galvanized steel sheet with hydraulic abrasive ribs and longitudinal reinforcement at the bend



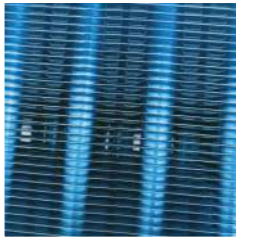
Fan: ABS fan, not rust forever and



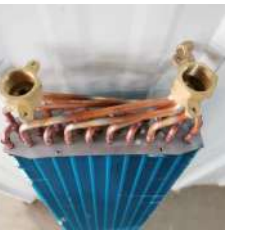
Motor: Low noise three speed fan motor



Condenser: 30 copper tube, 7*0.26mm and hydrophilicaluminum foil, 1.2mm distance.



Header: Large gram brass header, low in and high out, five in and five out large gram header



Drain Pan: One time molding, not easy to deform. High-gloss surface and 7mm thermal insulation outside



Filter: nylon net, filter dust



Product Specification Details Show

Technical Data



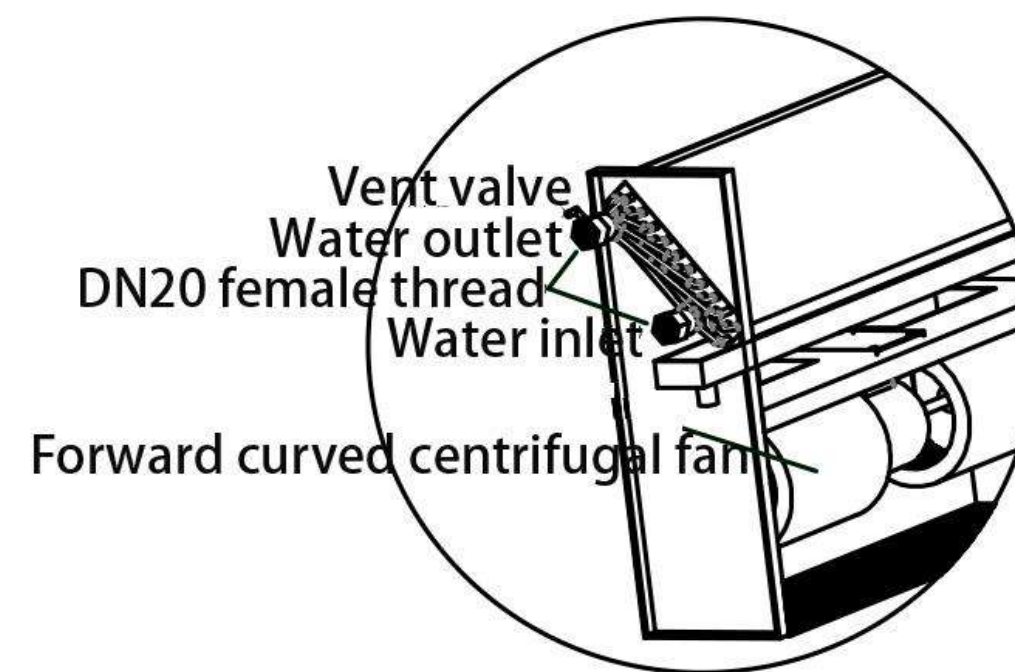
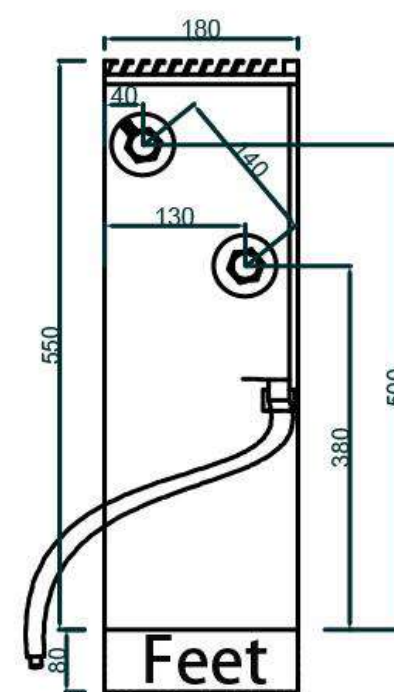
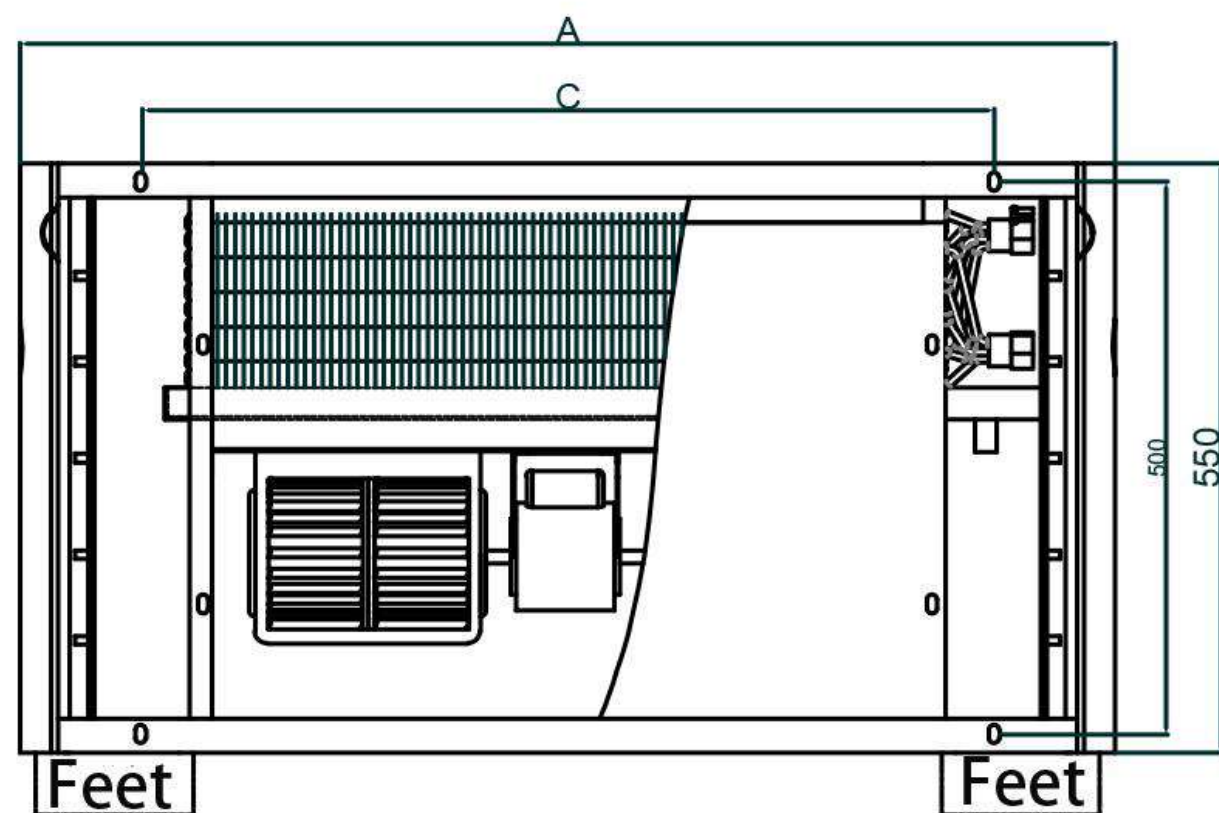
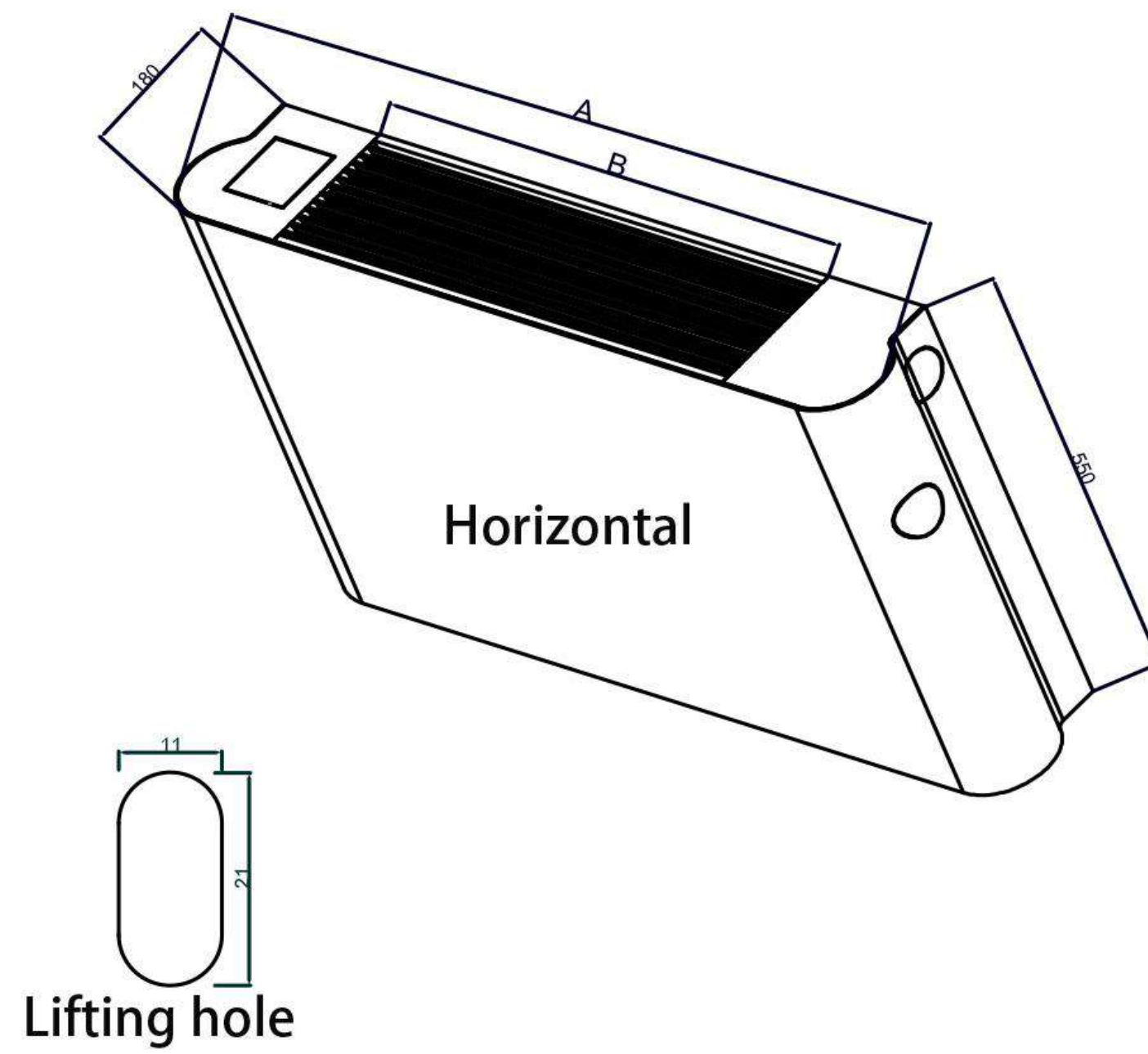
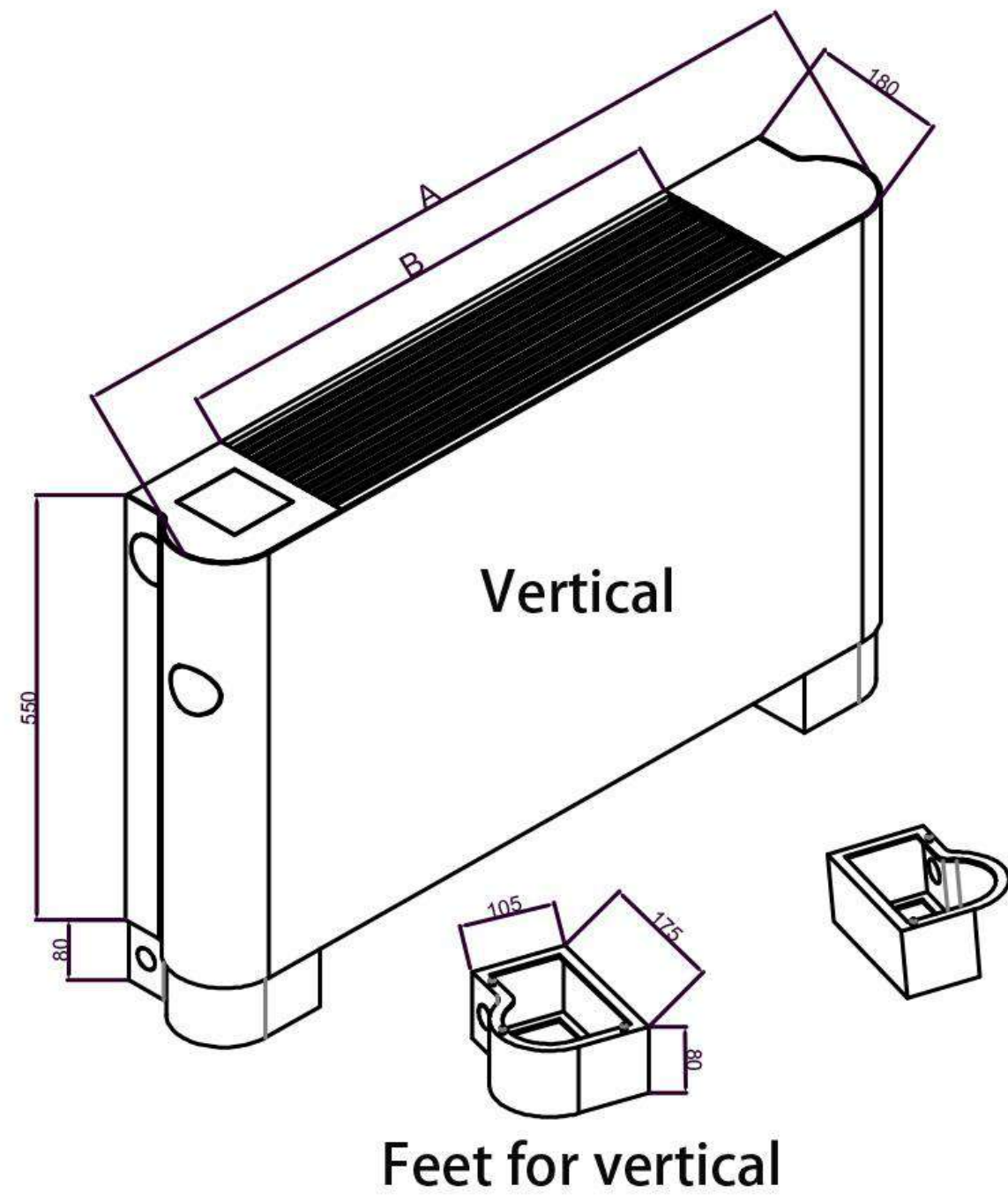
FAN COIL UNIT DATA SHEET						
Product name		Ultra-thin exposed fan coil unit				
Product type		2-pipe				
Product models		FP-34/51/68/85/102/136/170/204				
Application		It is widely used for hotel,restaurant,hospital,shopping mall,factory and office building etc. And some other villa.				
Product function		It can be used for cooling, heating, dehumidification				
Voltage	220V	Frequency	50Hz			
Product components	Condenser	Fin	0.105mm thickness aluminum fins, distance between fins is 1.25mm			
		Cooper tube	Three rows, 0.28mm thickness, 7mm diameter, 30 tubes in total			
	Drain pan	Panel	0.8 mm thickness, high-gloss spray for strong resistance to corrosion			
		insulation	Thickness 7mm			
	Shell	0.8mm Hot zinc sheet metal+ABS,not fade				
	Motor	Low noise 3 speed fan motor, long life span				
	Label	Labels: model label, wiring diagram, precautions, fan rotation logo, etc.				
	Fan	ABS material Centrifugal, forward-curved blades				
	Control	LCD thermostat				
Production technology	Tube	Mechanical expansion, automatic welding				
	Drain pan	One-time molding, high-gloss coating on the surface, thermal insulation on the exterior				
	Body Panel	Fully automatic molding in one molding, with longitudinal reinforcement at the bend				
	Motor panel	Hydraulic abrasive ribs+longitudinal reinforcement at the bend				
Inspection standards	1. No scratches or rust on the surface of the machine					
	2. The internal cooler of the machine has no leakage under the pressure of 1.6Mpa (hold pressure for at least 5min)					
	3. The unit starts under the condition of 90% of the rated voltage and runs stably for 10 minutes					
	4. Under normal temperature and humidity conditions, use 500V insulation resistance meter to measure the insulation resistance between the live part and non-metal live part of the unit is not less than 2MΩ					

Parameter

Model	FP-34	FP-51	FP-68	FP-85	FP-102	FP-136	FP-170	FP-204
Cooling capacity(kw)(CHW 7°C)	2.2	3.2	3.95	4.8	5.8	7.4	9.3	11
Heating capacity(kw)(HW 60°C)	3.3	4.8	5.92	7.15	8.7	11	13.95	16.4
Heating capacity(kw)(HW 45°C)	2.2	3.2	3.95	4.8	5.8	7.4	9.3	11
Air flow(m³/h)	350	560	700	875	1045	1410	1790	2050
Power input(w)	31	40	55	70	83	110	145	180
Noise dba	35	37	39	41	44	45	47	49
Water resistance (kPa)	30	30	30	40	40	40	42	43
Motor NO.	1					2		
Fan NO.	1		2		3	4	4	
Weight(kg)	11	15	17.2	17.9	20.6	22.5	25.8	29
Packing length(mm)	770	920	1020	1070	1270	1420	1670	1870
Packing height(mm)	590							
Packing width(mm)	240							
Condenser length(mm)	400	550	650	700	900	1050	1300	1500
Condenser hight(mm)	210							
Condenser thichkness(mm)	39							



Product Size Drawing



Size(mm)				
Model	FP-34	FP-51	FP-68	FP-85
A Total length	752	902	1002	1052
B Length of air outlet	400	550	650	700
C Distance between lifting holes	508	658	758	808
Height	550 (630 with feet)			
Thickness	180			
Model	FP-102	FP-136	FP-170	FP-204
A Total length	1252	1402	1652	1852
B Length of air outlet	900	1050	1300	1500
C Distance between lifting holes	1008	1158	1408	1608
Height	550 (630 with feet)			
Thickness	180			

Features:



1. This slim fan coil is 180mm thickness which is thinner than the current 240mm thickness type and unique appearance



2. There is the plastic bag outside the unit for dust proof and then the foam for protect the unit and 4-layer carton



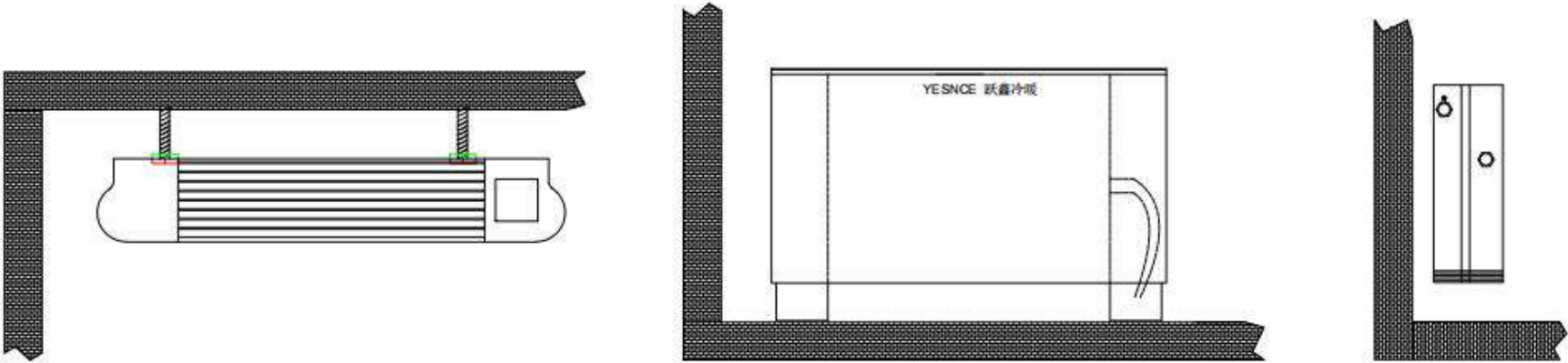
3. ABS material fan is solid and not rust also low noise , 3-5 dba lower



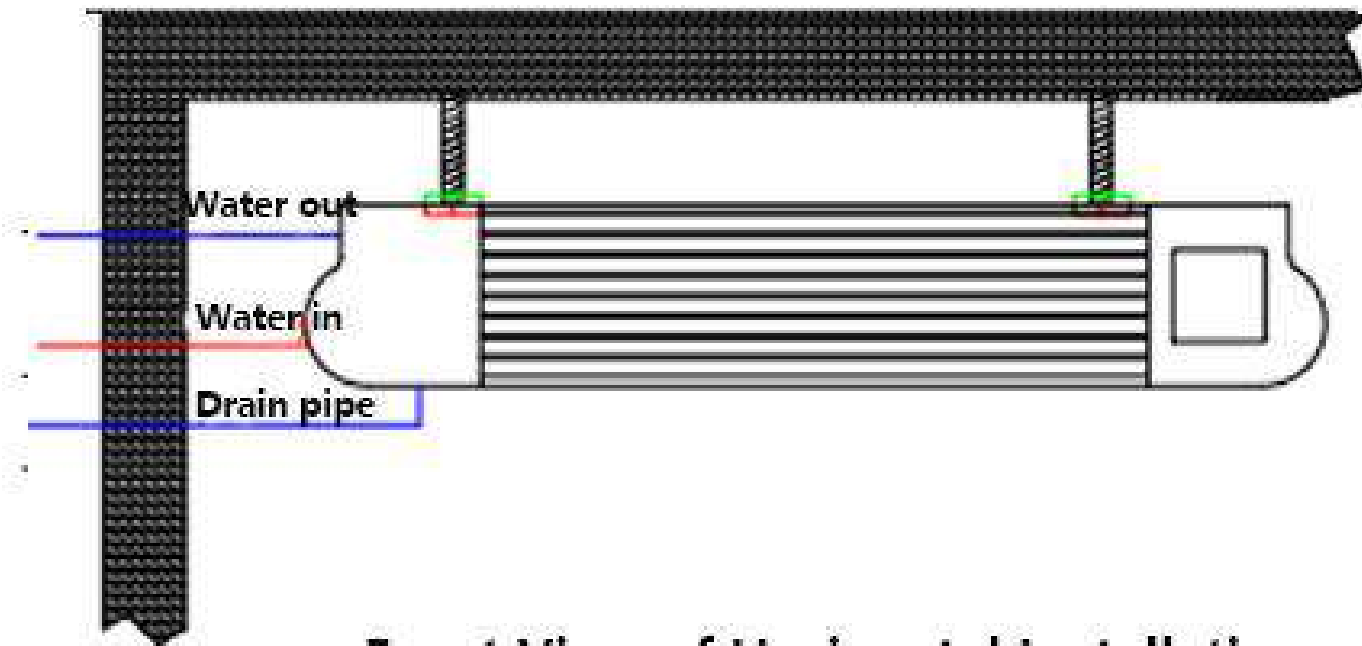
5. Black WIFI type thermostat is available.



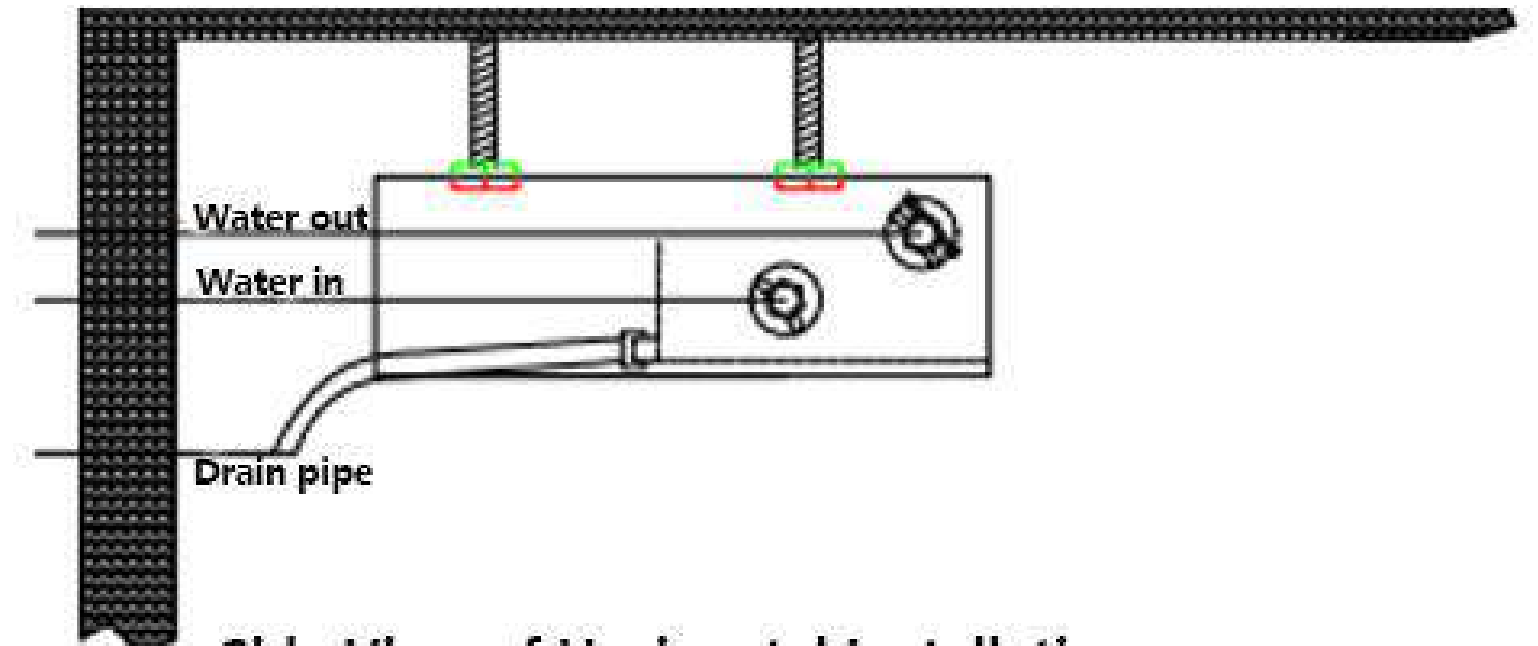
6. Both the famous brand Yongan motor or the DC motor are available



7. it can be ceiling suspended, wall mounted or floor standing



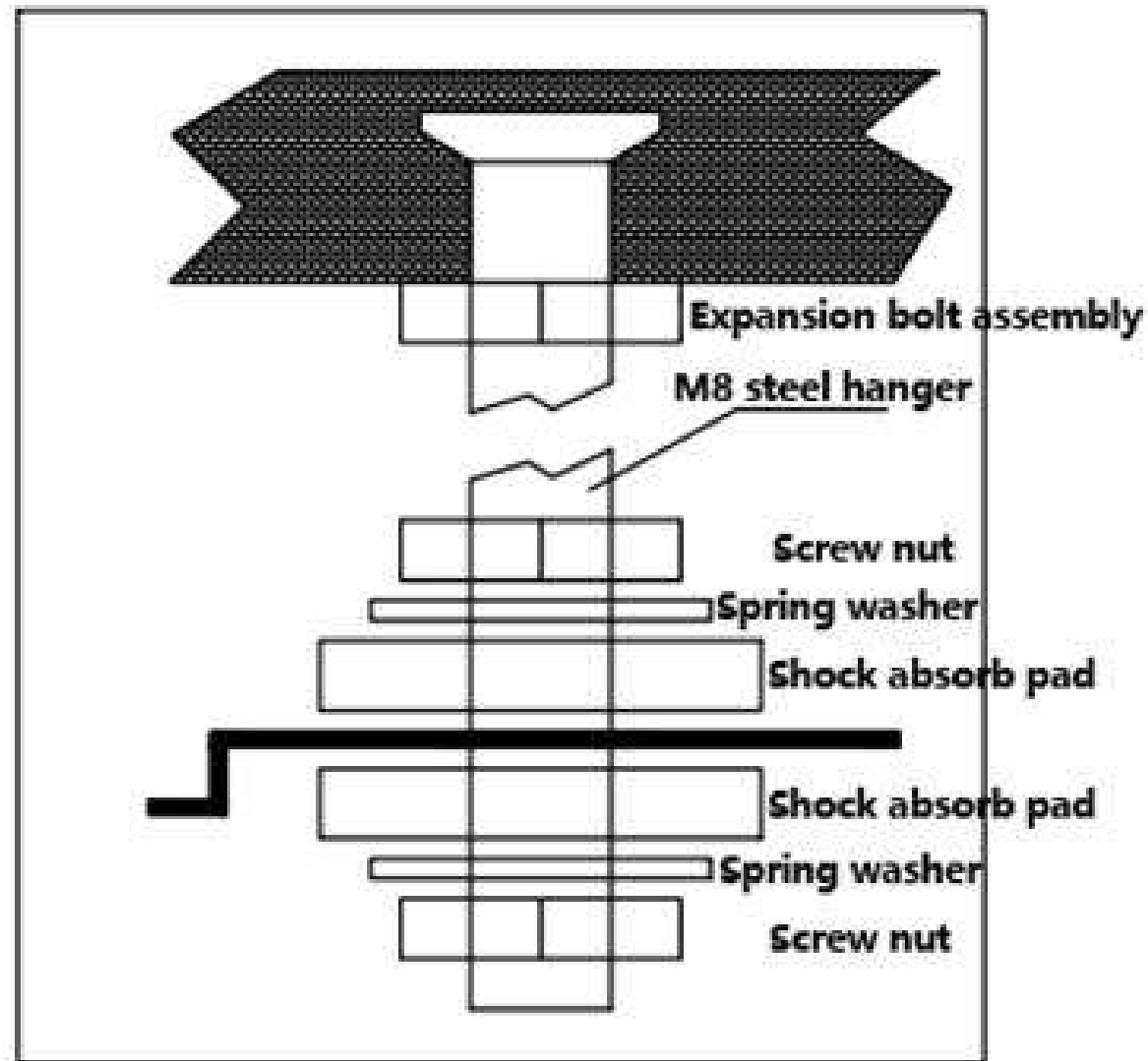
Front View of Horizontal Installation



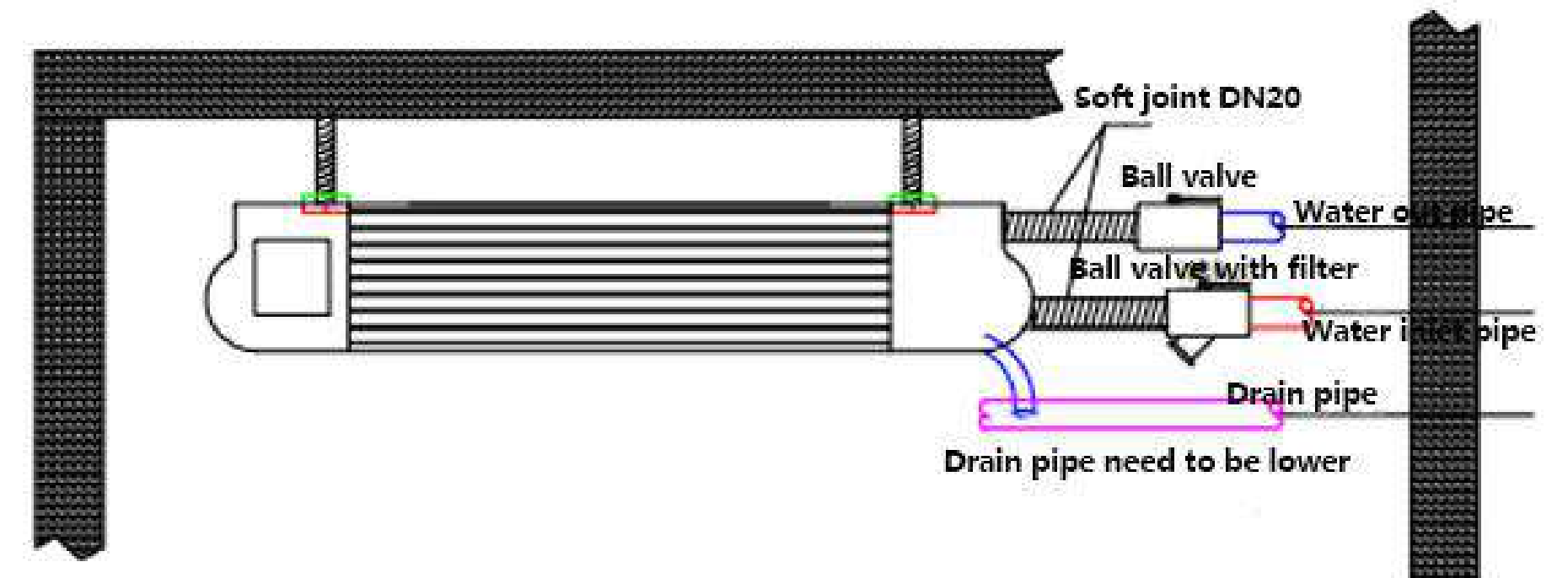
Side View of Horizontal Installation

Installation Instruction

Ceiling Suspended:

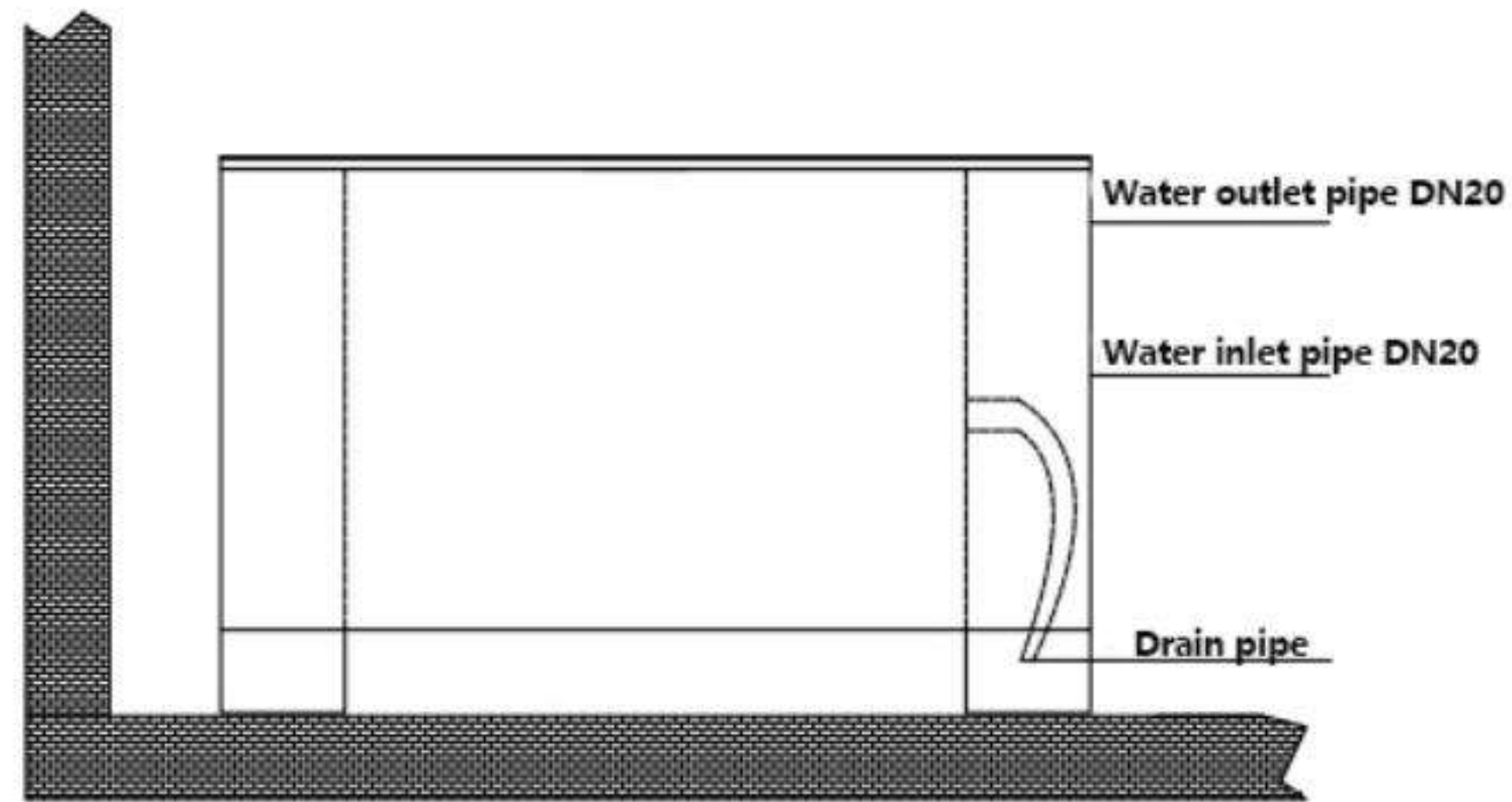


Installation anchor bolt

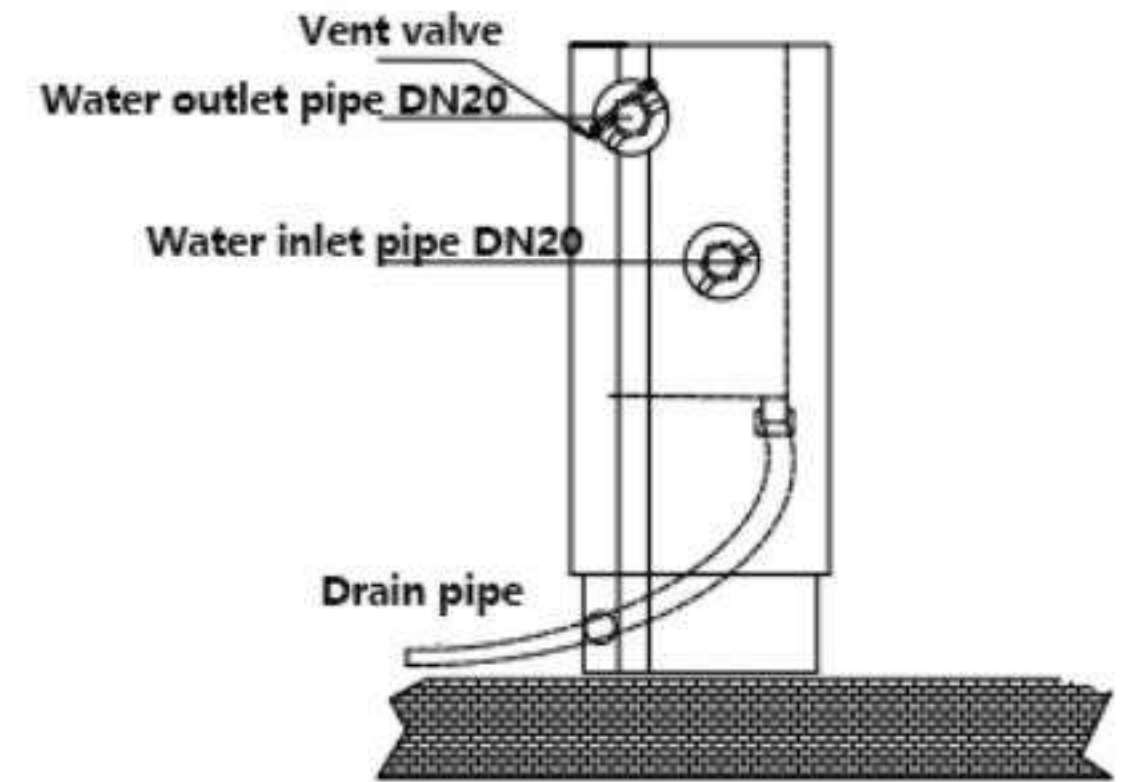


Water Pipe Connection of Horizontal Installation

Installation Instruction

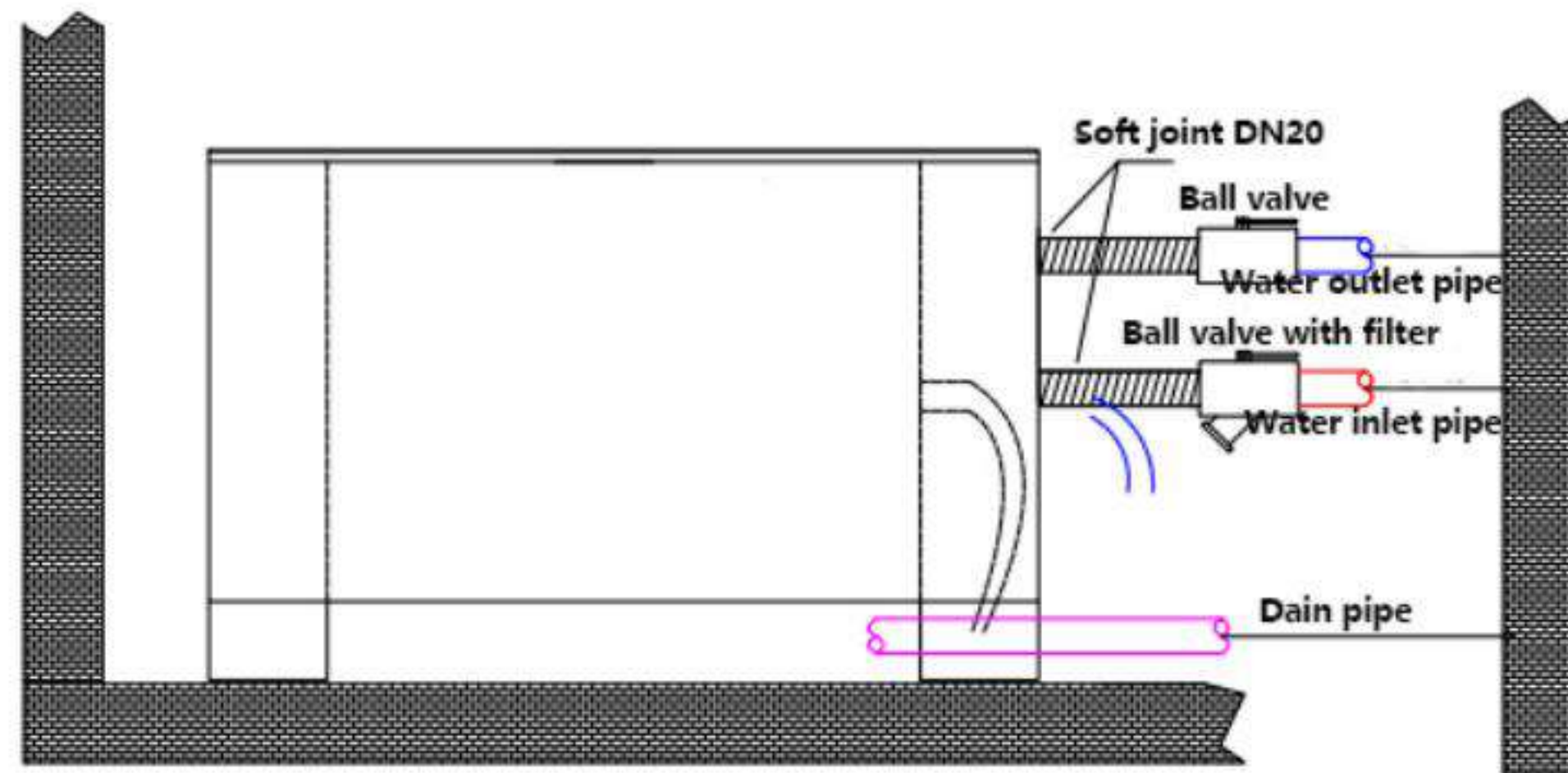


Front View of Vertical Installation



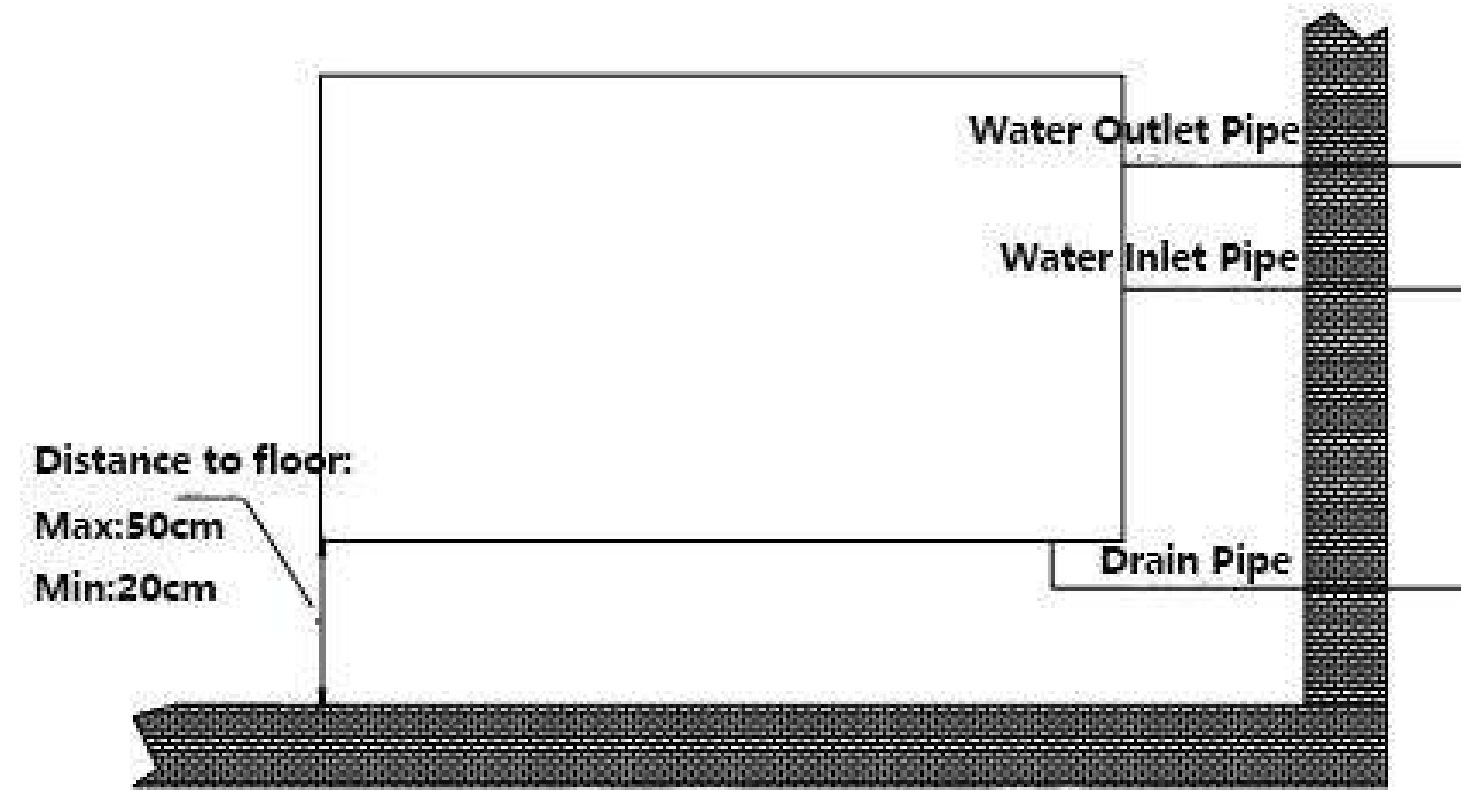
Side View of Vertical Installation

Floor Standing:

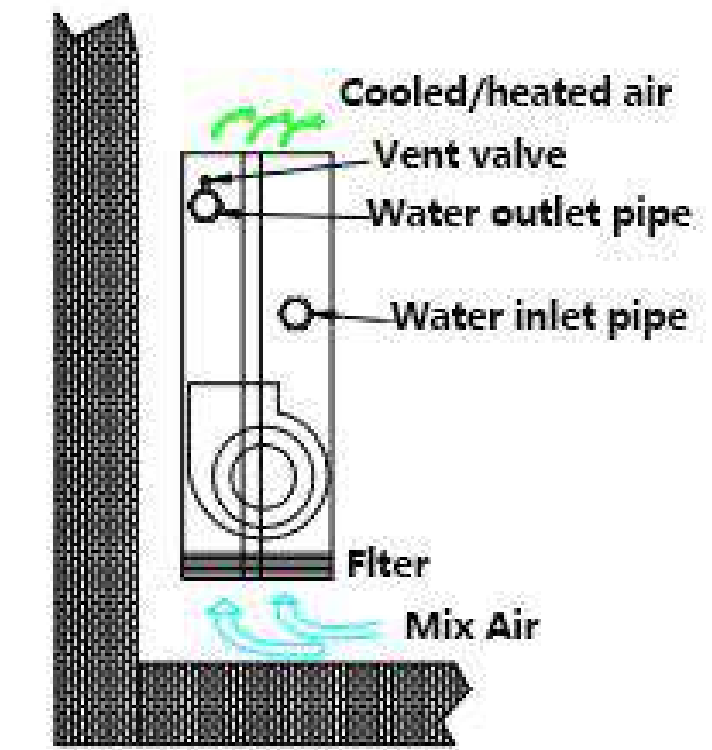


Water Pipe Connection of Vertical Installation

Installation Instruction

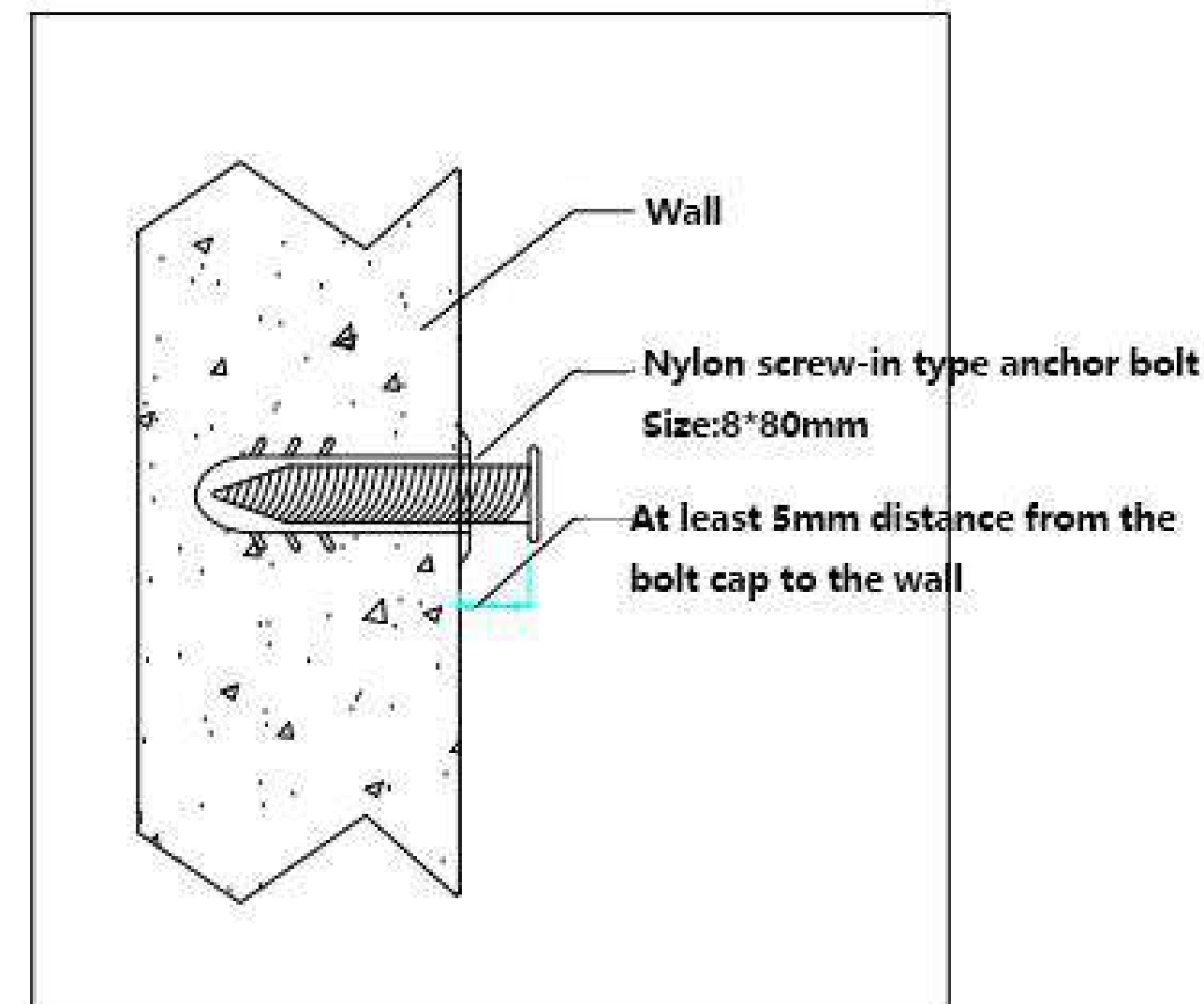


Front View of Vertical Installation

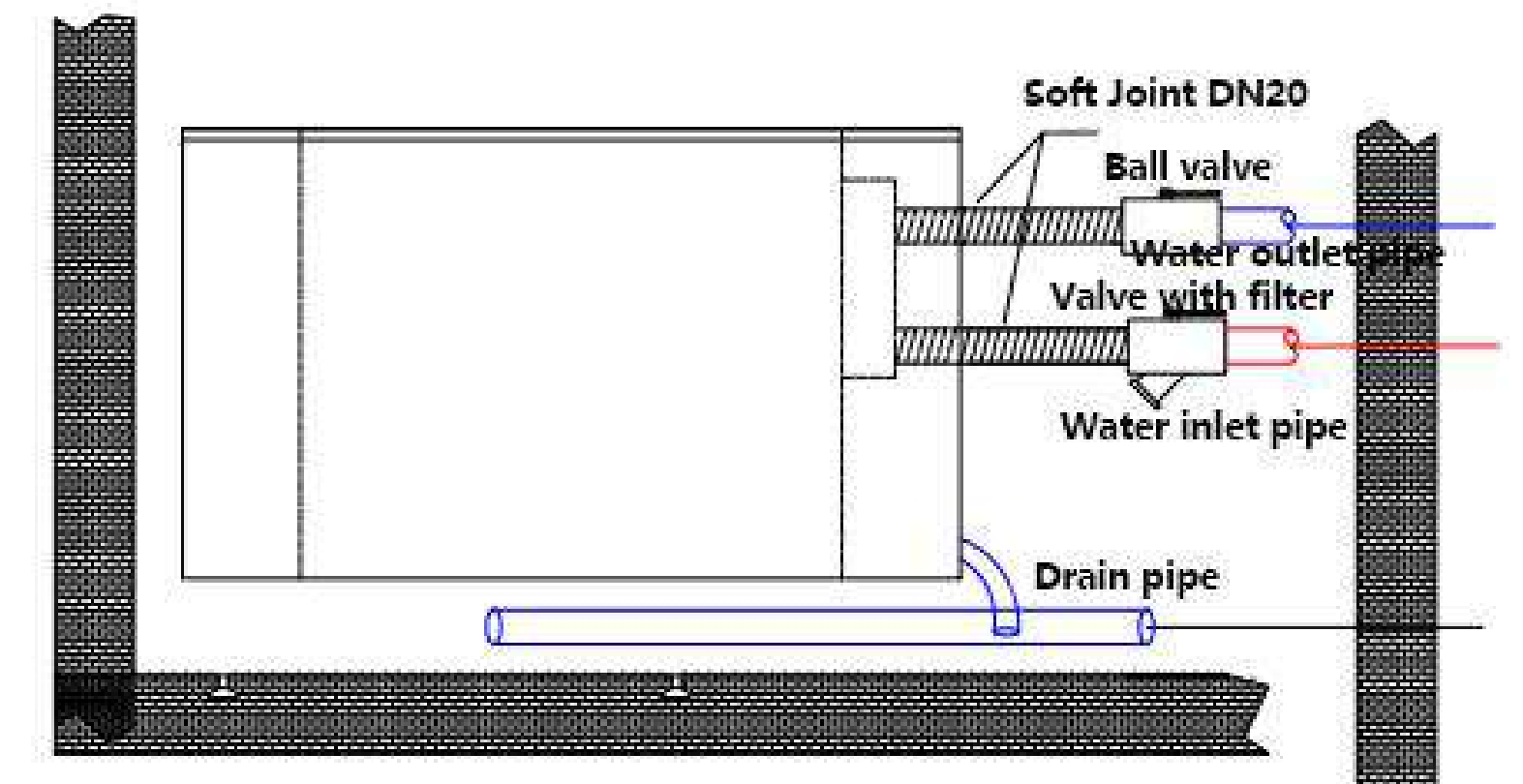


Side View of Vertical Installation

Wall mounted:



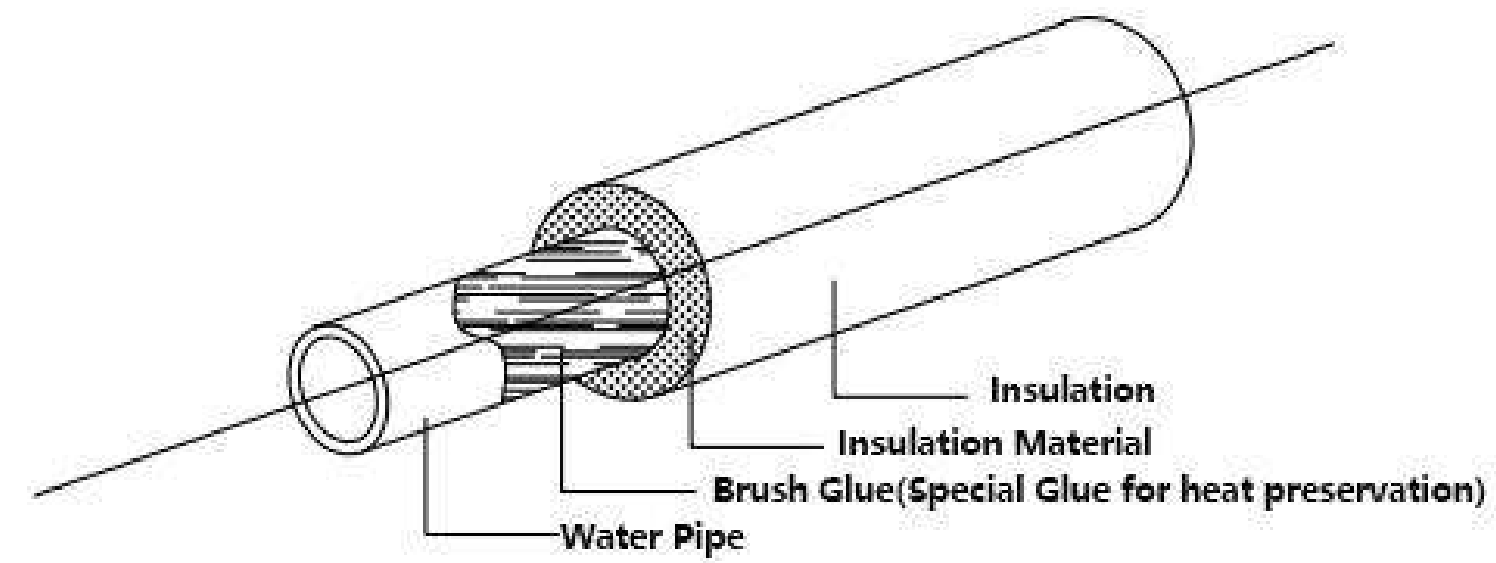
Installation of Anchor Bolt



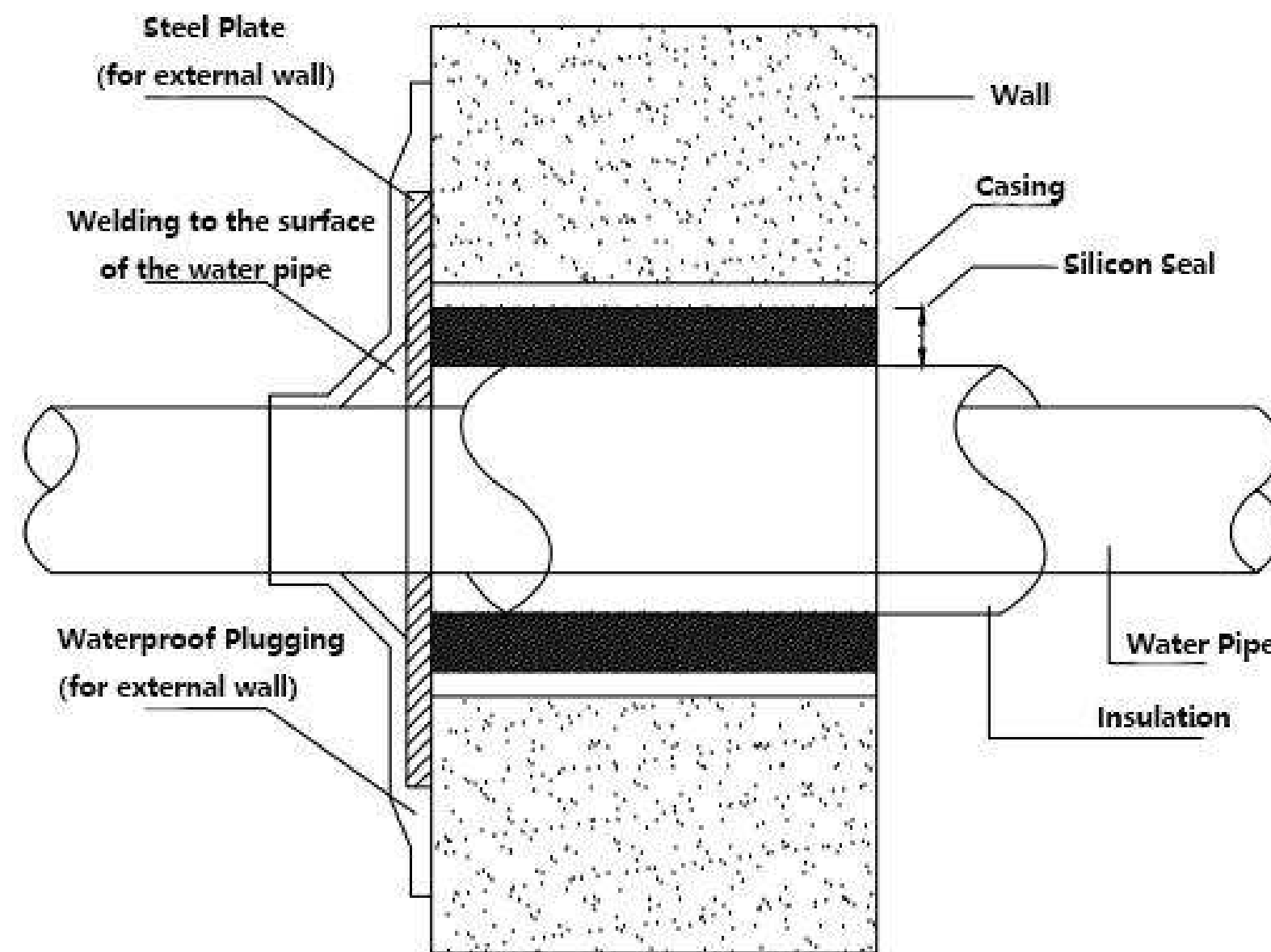
When installing, pay attention to keep the unit on the same level or the side of the drain pipe slightly lower.

Water Pipe Connection of Vertical Installation

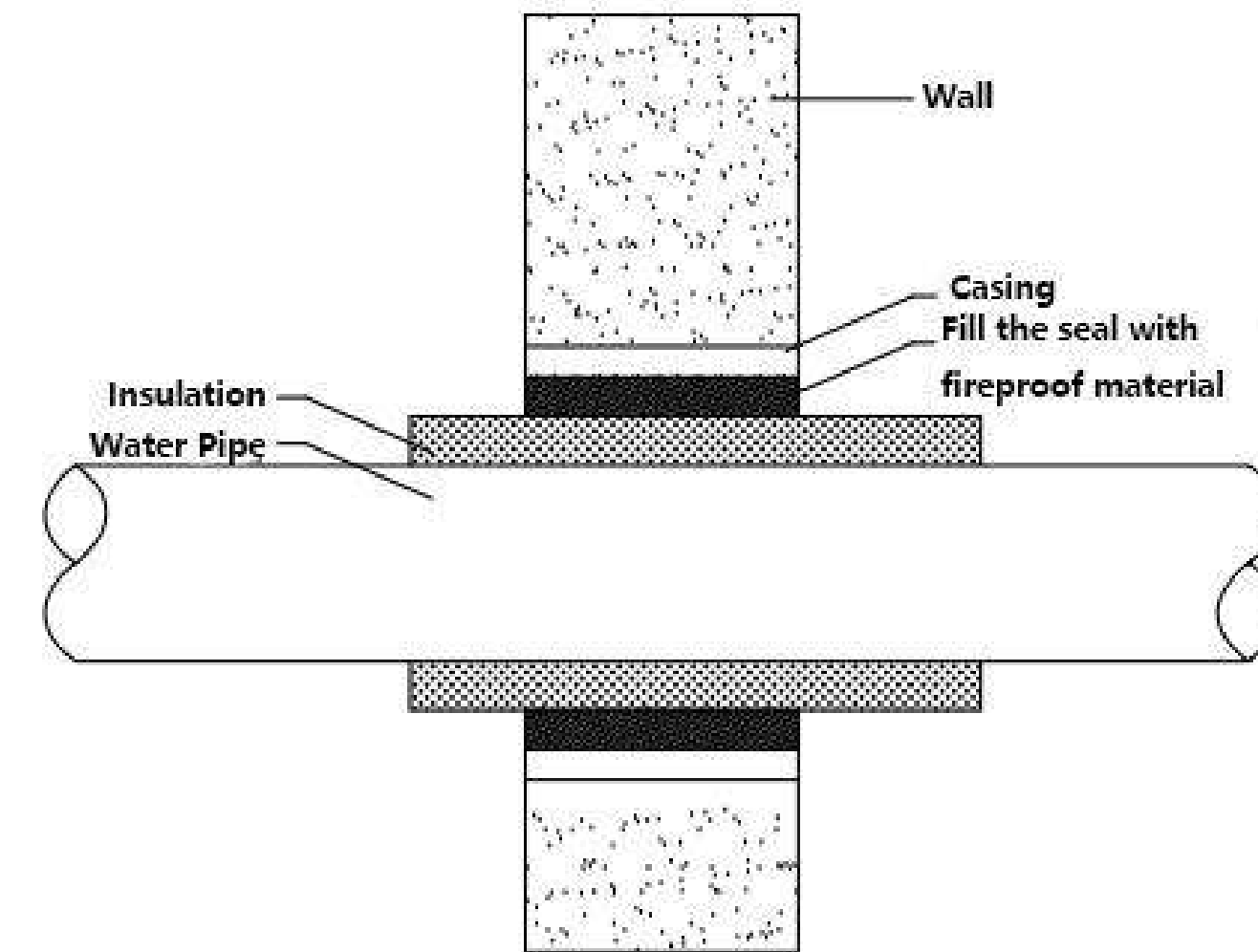
Water Pipe Run Through The Wall



Drawing of Water Pipe Insulation



Water Pipe Run Through the External Wall



Water Pipe Run Through the Internal Wall

SERVICE WE SUPPLY

- The CAD design drawing plan of the project are available
- We will send you the test report before shipping
- The free spare parts available
- You can get us at any time, after order placed
- We will following the goods delivery untill you got the goods
- Supply the installation and maintenance instruction online
- If any quality problem of product, we can refund you
- Three years' warranty