

SOLAR WATER HEATER

Why Himin

UTLE (Ultra Low Emission) vacuum tube is used in Himin solar water heater, which greatly reduces emissivity and heat loss, and ensures the solar hot water system to provide hot water even under the extremely cold conditions.

Component	Himin product material	Industrial hidden troubles
Electrical bar	The booster is made of Incoloy800, which is strongly anticorrosive in any kind of water. The processing is very advanced, while its safety reaches the international standard, dry-burning period is up to 72h, its lifespan is longer than the ones in the market.	Leakage of electric boosters Electrochemical corrosion of electric boosters Cavitation of electric boosters
Inner tank	SUS304 stainless steel · high-nickel · high-chrome Thickness: 0.5mm ~ 0.6mm; comprehensive tests including materials, welding performance, pressure, salt spray testing, etc. leakage test for each tank after welding.	Corrosion
More...

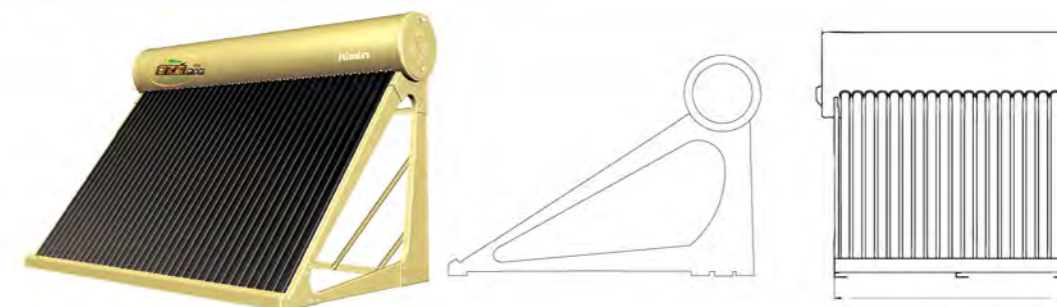


Material

- Inner tank material: SUS304 stainless steel, 0.5mm in thickness.
- Insulation material: polyurethane.
- Outer tank material: plastic coated galvanized steel plate, 0.5mm in thickness.
- Frame material: plastic coated galvanized steel plate, 2.0mm in thickness.
- Vacuum tube material: borosilicate glass 3.3

Products

HM210



Specifications of HM210

Type for hot-area

Product model	Outline dimension(mm)	Angle(°)	Aperture area (m ²)	Vacuum tube		Water tank capacity(L)	Weight(Kg)
				Length (mm)	Quantity		
QBJ1-175/2.32/0.05-1	1425*2192*1585	33	2.32	2100	16	175	325
QBJ1-195/2.61/0.05-2	1575*2192*1585		18		195	360	
QBJ1-215/2.91/0.05-2	1725*2192*1585		20		215	400	
QBJ1-255/3.50/0.05-1	2025*2192*1585		24		255	465	
QBJ1-295/4.08/0.05-1	2325*2192*1585		28		295	535	
QBJ1-380/5.26/0.05-1	2925*2192*1585		36		380	680	

Type for cold-area

	Product model	Outline dimension(mm)	Angle(°)	Aperture area (m ²)	Vacuum tube		Water tank capacity(L)	Weight(Kg)
					Length (mm)	Quantity		
Pitched roof type	QBJ1-155/2.32/0.05-2	1425*1712*2166	50	2.32	2100	16	155	295
	QBJ1-175/2.61/0.05-2	1575*1712*2166		18		175	330	
	QBJ1-190/2.91/0.05-2	1725*1712*2166		20		190	365	
	QBJ1-230/3.50/0.05-2	2025*1712*2166		24		230	435	
	QBJ1-265/4.08/0.05-1	2325*1712*2166		28		265	500	
	QBJ1-340/5.26/0.05-2	2925*1712*2166		36		340	630	
Flat type	QBJ1-155/2.32/0.05-2	1425*1720*2090	50	2.32	2100	16	155	305
	QBJ1-175/2.61/0.05-2	1575*1720*2090		18		175	340	
	QBJ1-190/2.91/0.05-2	1725*1720*2090		20		190	375	
	QBJ1-230/3.50/0.05-2	2025*1720*2090		24		230	445	
	QBJ1-265/4.08/0.05-1	2325*1720*2090		28		265	505	
	QBJ1-340/5.26/0.05-2	2925*1720*2090		36		340	640	

Type for warm-area

	Product model	Outline dimension(mm)	Angle(°)	Aperture area (m ²)	Vacuum tube		Water tank capacity(L)	Weight(Kg)
					Length (mm)	Quantity		
Pitched roof type	QBJ1-170/2.32/0.05-2	1460*2170*1275	45	2.32	2100	16	170	315
	QBJ1-190/2.61/0.05-2	1620*2170*1275		18		190	350	
	QBJ1-210/2.91/0.05-2	1780*2170*1275		20		210	390	
	QBJ1-250/3.50/0.05-2	2100*2170*1275		24		250	460	
	QBJ1-290/4.08/0.05-1	2420*2170*1275		28		290	530	
	QBJ1-370/5.26/0.05-2	3060*2170*1275		36		370	670	
Flat type	QBJ1-170/2.32/0.05-2	1460*2170*1275	50	2.32	2100	16	170	320
	QBJ1-190/2.61/0.05-2	1620*2170*1275		18		190	355	
	QBJ1-210/2.91/0.05-2	1780*2170*1275		20		210	395	
	QBJ1-250/3.50/0.05-2	2100*2170*1275		24		250	465	
	QBJ1-290/4.08/0.05-1	2420*2170*1275		28		290	535	
	QBJ1-370/5.26/0.05-2	3060*2170*1275		36		370	670	

HM180

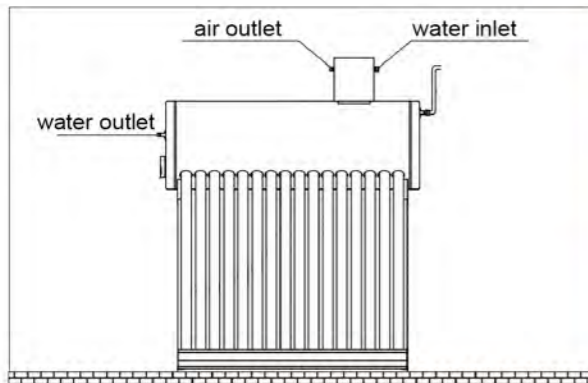


Specifications of HM180

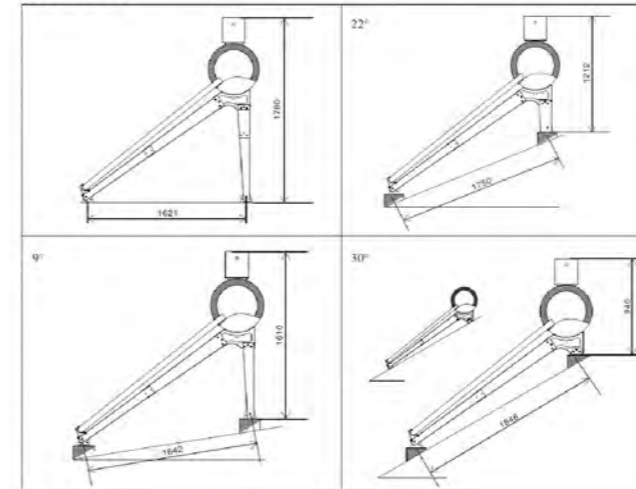
Product model	Outline dimension(mm)	Angle(°)	Aperture area(m ²)	Vacuum Tube		Water tank capacity(L)	Weight(Kg)
				Length(mm)	Quantity		
QBJ1-120/1.55/0-B21°	1116*2010*1082	21	1.55	1800	12	120	220
QBJ1-140/1.82/0-B21°	1276*2010*1082		14		140	255	
QBJ1-160/2.09/0-B21°	1436*2010*1082		16		160	290	
QBJ1-180/2.36/0-B21°	1596*2010*1082		18		180	320	
QBJ1-200/2.62/0-B21°	1756*2010*1082		20		200	350	
QBJ1-240/3.16/0-B21°	2076*2010*1082		24		240	420	
QBJ1-280/3.68/0-B21°	2396*2010*1082		28		280	490	

Floater tank solar water heater

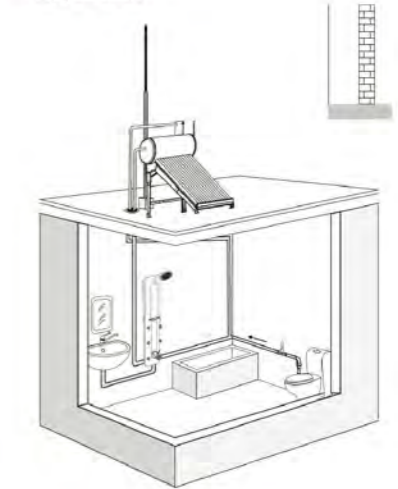
- It can be flexibly installed on the roof in different angles, which integrates perfectly with building.
- With the floater tank, the water tank can be filled by the tap water or other storage water tanks, which keeps it in a full water state all the time, more convenient to use.



Installation



Application



Specifications of floater tank solar water heater

Product model	Outline dimension(mm)	Angle(°)	Aperture area(m ²)	Vacuum Tube		Water tank capacity(L)	Weight(Kg)
				Length(mm)	Quantity		
Q-B-J-1-125/1.47/0.05-1	1105*1621*1870	38	1.47	1800	12	125	205
Q-B-J-1-145/1.72/0.05-1	1255*1621*1870		14		145	235	
Q-B-J-1-165/1.97/0.05-1	1405*1621*1870		16		165	265	
Q-B-J-1-185/2.22/0.05-1	1555*1621*1870		18		185	295	
Q-B-J-1-205/2.48/0.05-1	1705*1621*1870		20		205	335	
Q-B-J-1-245/2.98/0.05-1	2005*1621*1870		24		245	390	
Q-B-J-1-285/3.48/0.05-1	2305*1621*1870		28		285	450	

Pressurized flat solar water heater

The solar water system circulates naturally, collector and water tank is separated. The collector absorbs the heat, then transfers it into the water tank through natural circulation.

- Features:**
- pressurized operation
 - enamel inner tank
 - excellent anticorrosion performance
 - anticorrosive protection of Magnesium rod
 - blue film flat plate collector



Specifications of Pressurized flat solar water heater

Product model	Angle(°)	Aperture area(m ²)	Vacuum Tube		Water tank capacity(L)	Weight(Kg)
			Outline dimension(mm)	Quantity		
PJF2-150/1.98/0.6	25	1.98	1050*2050*80	1	150	255
PJF2-200/3.64/0.6		3.64	2000*1000*80	2	200	325
PJF2-300/3.64/0.6		3.64	2000*1000*80	2	300	450