

Solar Tube Company

Solar Waterting Heating System Full Kit Specification

T: 08444 93 00 99 E: info@solartubecompany.co.uk

Separated Pressurised Water Heating Kits

Item	Specification	100L system	150L system	200L system	250L system	300L system	400L system	500L system
Unvented tank	size of tank(mm)	100	150	200	250	300	400	500
	material and thickness of inner tank	sus 304 food grade stainless steel,1.0mm	sus 304 food grade stainless steel,1.2mm	sus 304 food grade stainless steel,1.5mm	sus 304 food grade stainless steel,1.5mm	sus 304 food grade stainless steel,1.5mm	sus 304 food grade stainless steel,2.0mm	sus 304 food grade stainless steel,2.0mm
	diameter of inner tank(mm)	370	370	470	470	470	600	600
	material and thickness of out tank	nacre white armor plate,0.55mm	nacre white armor plate,0.55mm	nacre white armor plate,0.55mm	nacre white armor plate,0.55mm	nacre white armor plate,0.55mm	nacre white armor plate,0.55mm	nacre white armor plate,0.55mm
	insulating layer	50mm with high density polyurethane foamed	50mm with high density polyurethane foamed	45mm with high density polyurethane foamed	45mm with high density polyurethane foamed	45mm with high density polyurethane foamed	50mm with high density polyurethane foamed	50mm with high density polyurethane foamed
	size of tank(mm)	∅ 470 × 1040	∅ 470 × 1040	∅ 560 × 1250	∅ 560 × 1250	∅ 560 × 1810	∅ 700 × 1540	∅ 700 × 1850
	packing siz of tank(mm)	∅ 550 × 1120	∅ 550 × 1500	∅ 645 × 1330	∅ 645 × 1580	∅ 645 × 1870	∅ 780 × 1630	∅ 780 × 1950
	installation size of water pipe	G 3/4	G 3/4	G 1	G 1	G 1	G 1	G 1
	Remark	size of copper coil: male G 1/2, size of PT valve,safety exhaust : G 3/4						

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Solar Collector	heat pipe	3.3 Borosilicate glass with N/Al coating+copper tube+aluminium slice						
	tube size(mm)	58-1800						
	quantity of	1	1	1	1	2	2	2
	tube quantity	10	15	20	25	15+15	20+20	25+25
	absorb area(m ²)	1.48	2.15	2.82	3.49	4.17	5.5	6.85
	install area	1.52	2.28	3.04	3.81	4.75	6.27	7.79
	material of manifold box	Aluminium alloy						
	insulating layer of manifold	high density polyurethane foamed						
	channel of	Made of red copper						
Frame	material	galvanized sheet						
Control	control unit	SR868C8						
	expansion pump	5L,Imported from Italy VAREM	5L,Imported from Italy VAREM	8L,Imported from Italy VAREM	8L,Imported from Italy VAREM	8L,Imported from Italy VAREM	12L,Imported from Italy VAREM	12L,Imported from Italy VAREM
	circulation pump	Imported from German WILO, pass CE and GS certification						
GW/Set		108	120	133	158	185	242	315
Volume/Set		0.56	0.77	1.02	1.13	1.39	1.76	2.15