

Solar Water Heater Pressurized

Item	GTP 10	GTP 16	GTP 20	GTP 24	GTP 30
Number of tubes	10	16	20	24	30
Stand					
Material	Coated galvanized steel				
Thickness	1.2 mm				
Tilt angle	45 Degree				
Hot Water tank					
Dual layered water cylinders					
Inner tank material	Stainless Steel SUS 304 Food grade 2B				
Inner tank thickness	0.4 mm				
Outer tank material	PVDF Coated galvanized steel				
Outer tank thickness	0.4 mm				
Tank insulation	50 mm Polyurethane				
Silicon rubber	UV stabilized high temperature				
Tank capacity	80 Liter	128 Liter	160 Liter	192 Liter	240 Liter
Total capacity	100 Liter	160 Liter	200 Liter	240 Liter	300 Liter
Coil Working pressure	4 Bar				
Cold Water Inlet	¾"				
Hot Water Outlet	¾"				
Packing	Recycled Card Board (Export)				
Manufacturer Warranty	3 years				
System lifespan	25 years				
Sizes & Weights					
Dimensions (W,L,H) cm	90-158-168	135-158-168	165-158-168	195-158-168	240-158-168
Weight without water	46 Kg	65 Kg	76 Kg	92 Kg	110 Kg
Weight with water	146 Kg	225 Kg	276 Kg	332 Kg	410 Kg
Evacuated Tube					
Length	1.8 m				
Glass material	Borosilicate Glass 3.3				
Outer tube DIA and THK	φ58 1.8 mm				
Inner tube DIA and THK	φ47 1.6 mm				
Coating	ALNO/ALNOSS/Cu				
Degree of vacuum	≤5.2x10 ⁻⁴ Pa				
Hail proof	< 25 mm Diameter				
Absorption coefficient	≥0.94				
Emittance	≤0.06				
Average heat loss coefficient	≤0.5 W(m ² .C°) ⁻¹				
Maximum temperature	300 °C				
Service life	15 years				