



This system is well suited to low cost developments and offers excellent solar conversion efficiency at a fraction of the cost of conventional solar water heaters

Model	ITS-1800/58-10LP
Overall height	1150mm
Overall length	1820mm
Overall width	860mm
Absorber area	0.8m ²
Structure material type	SUS201 Stainless Steel 1.2mm thickness
Angle type	20°
Weight (empty)	35kg
Weight (full operating)	135kg
Over all capacity w/tubes	100L
Tank only capacity	85L
Exterior tank diameter	470mm
Exterior tank material type	SUS304-2B Stainless Steel Food Grade
Exterior tank material thickness	0.4mm
Interior tank diameter	360mm
Interior tank material type	SUS304-2B Stainless Steel Food Grade
Interior tank material thickness	0.5mm
Sealing material type	Silicone gel ring
Intake pipe diameter	¾" – 22mm
Outlet pipe diameter	½" – 15mm
Vent valve diameter	¾" – 22mm
Tank corrosion protection	Magnesium rod
Electrical backup element	Non Included
Number of tubes	10
Tube type	ITS 58/1800 - 1.6 or 2mm thickness
Tube material type	Al-N-Al
Absorptive coefficient of coat	≥92%
Emissivity coefficient of coat	≤7%
Tube material	Borosilicate glass 3.3
Insulation material type	polyurethane foam
Insulation thickness	55mm
Quantity per 20 feet container	73
Quantity per 40 feet container	146

