



ZENITH SOLAR WATER HEATERS

PRODUCT DATA SHEET

MODEL	ZT300S
SIZE OF COLLECTOR (mm)	2261x1183
NO. OF PANELS	1
INSTALLATION AREA (Sqm)	As per site availability
COLLECTOR SURFACE AREA (Sqm)	2.66 sq meter each panel
INSULATION THICKNESS (mm)	45
TECHNICAL DETAILS OF THE SOLAR COLLECTOR / ABSORBER	
PLATE DESIGN	: Plate & Tube
PLATE MATERIALS	: Aluminum (Highly Selective Vacuum Coating)
ABSORPTION COEFFICIENT	: 95% +/- 1%
EMISSION COEFFICIENT	: 5%
COEFFICIENT TOLERANCE	: +/- 2%
NO. OF RISER TUBES	: 10
RISER TUBE MATERIAL	: Copper
FLOW RANGE	: 30-60 L/m ² h
COLLECTOR CASING MATERIAL	: Aluminum
GLASS	: Tempered Glass

WATER HEATERS

CAPACITY (LITERS)	300 liters
MOUNTING	Frame for Solar collector and Tank
TANK MATERIAL	Stainless Steel
LENGTH (mm)	1500
DIAMETER (mm)	620
MAX OPERATING PRESSURE	10 BAR
INSULATION	POLYURETHANE FOAM
BACK-UP POWER (KW)	3KW
VOLTAGE	220-240V, 50/60Hz
Max OPERATING TEMPERATURE	80
THERMOSTAT	Automatic thermostatic control with inbuilt upper limit cutoff
SAFETY VALVE	Temperature & Pressure relief valve
INLET/OUTLET PIPE SIZE (in Inch)	3/4" BSP Thread
DRAIN (in Inch)	3/4" BSP Thread