

ZENITH SOLAR WATER HEATERS

PRODUCT DATA SHEET

DATE:-08/01/2020	
MODEL	ZT300S
SIZE OF COLLECTOR (mm)	1980 X 1010
NO. OF PANELS	
INSTALLATION AREA (Sqm)	As per site availability
COLLECTOR SURFACE AREA (Sqm)	2.0 sq meter each panel
INSULATION THICKNESS (mm)	45

TECHNICAL DETAILS OF THE SOLAR COLLECTOR / ABSORBER

PLATE DESIGN	: Plate & Tube
PLATE MATERIALS	: Aluminium (Highly Selective Vacuum Coating)
ABSORPTION COEFFICIENT	: 95% +/- 1%
EMISSION COEFFICIENT	: 5%
COEFFICIENT TOLERANCE	: +/- 2%
NO. OF RISER TUBES	: 11
RISER TUBE MATERIAL	: Copper
FLOW RANGE	: 30-60 L/m ² h
COLLECTOR CASING MATERIAL	: Aluminium
GLASS	: Tempered Glass 4 mm

WATER HEATERS

CAPACITY (LITERS)	300 liters
HORIZONTAL MOUNT	√
LENGTH (mm)	1500
DIAMETER (mm)	620
TANK MATERIAL	STAINLESS STEEL
MAGNESIUM ANODE	√
MAX OPERATING PRESSURE	
INSULATION	POLYURETHANE FOAM
BACK-UP POWER (KW)	3 KW
VOLTAGE	220-240 V
FREQUENCY	50/60
Max OPERATING TEMPERATURE	65
EARTHING TERMINAL	√
SAFETY VALVE	√
INLET/OUTLET PIPE SIZE (in Inch)	3/4" BSP Thread
DRAIN (in Inch)	3/4" BSP Thread

