

LEXUS

Solar Water Heater-LPD Systems



FEATURES:

- WORK WELL WITH HARD WATER
- NO PIPE BLOCKING
- HIGH DENSITY COMPRESSED PUF INSULATION TO STORE HOT WATER.
- MAXIMUM PRESSURE: 1 BAR
- MAXIMUM WATER HARDNESS: 600 PPM
- 5 YEARS WARRANTY
- HIGH QUALITY VACUUM TUBES MADE FROM BOROSILICATE MINIMIZE HEAT LOSS
- EFFICIENT PERFORMANCE IN WINTER AND PARTIALLY CLOUDY DAYS



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LEXUS SOLAR WATER HEATER

LXS-SWH XXXX Series

LXS-SWH-100LPD ,LXS-SWH-150LPD,LXS-SWH-200LPD,
LXS-SWH-250LPD,LXS-SWH-300LPD,LXS-SWH-500LPD

LEXUS SOLAR WATER HEATER

Solar Evacuated Tube Collector Type System	
Model	Three Target Vacuum Tube
Tube structure	All - Glass double deck co-axial structure
Glass Material	Borosilicate 3.3 glass
Outer Tube Diameter & Thickness	58 ± 0.7mm, thickness 1.6 ± 0.15mm
Inner Tube Diameter & Thickness	47 ± 0.7mm, thickness 1.6 ± 0.15mm
Tube Length	1800mm & 2100mm
Absorptive Coating	Coating material Cu/SS-ALN/ALN Sediment method
	Three target magnetron sputtering
	Absorptivity ≥ 0.93 (AM 1.5) Emittance ≤ 6.5% (80°C ± 5°C)
Vacuum Degree	≤ 5.0 x 10 ⁻³ Pa
Transmittance of Glass Tube	≥ 0.89 (AM 1.5)
Stagnation Parameter	200~ 240 m ² °C/Kw
Average heat Loss	≤ 0.65w (m ² *°C)
Hail Resistance	25mm

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Capacity	Inner Tank		Outer Tank		Puf Insulation	Evacuated Tube	Structure
	CRCA	SS 304	Pre-Coated	SS 430			
100 Ltrs	1.2mm	0.8mm	0.4mm	0.4mm	38 Kg/m ³	10 Nos	CRCA Powder Coated
150 Ltrs	1.2mm	0.8mm	0.4mm	0.4mm	38 Kg/m ³	15 Nos	CRCA Powder Coated
200 Ltrs	1.2mm	0.8mm	0.4mm	0.4mm	38 Kg/m ³	20 Nos	CRCA Powder Coated
250 Ltrs	1.2mm	0.8mm	0.4mm	0.4mm	38 Kg/m ³	25 Nos	CRCA Powder Coated
300 Ltrs	1.2mm	0.8mm	0.4mm	0.4mm	38 Kg/m ³	30 Nos	CRCA Powder Coated

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