



DISTINGUISHING FEATURES

- Long Life up to 25 years
- Multi layered selective coating (sputter technology) for better heat absorption
- Shorter payback period compared to other models of solar water heaters
- Aluminium coated alloy steel outer cladding to withstand extreme weather conditions
- Suitable for soft and hard water areas



Green Energy



Save Money



Reliable



TECHNICAL SPECIFICATIONS

GENERAL		
Operating Pressure	:	Atmospheric
System Capacity	:	100 LPD/ 150 LPD / 200 LPD
Applications	:	Hard Water / High chloride water
Tank material (Inner)	:	SS 304 Food Grade
THERMAL COLLECTOR		
Thermal Collector	:	Tubular, Double shelled
Tube Size	:	Dia-58mm, Length-1800mm
Tube Material	:	High Borosilicate glass 3.3mm
Coating	:	Cu/SS/ALN Three target magnetron sputtering plating
Absorptivity	:	>92%
Emissivity	:	<06%
Vacuum Level	:	5.0 x 10 ³ Pa
Tank Storage system	:	Insulated tank, Horizontal type
Tank Inlet/Outlet size	:	1" BSP Male thread
Tank Insulation	:	HCFC Free polyurethane - Min 50mm thick
Tank cladding	:	Galvanized steel natural Aluminium finish
Tank Side dish cladding	:	Zinc coated Alloy
Cladding material thickness	:	0.4±0.05mm
Sealing of collector	:	Silicone Rubber
ELECTRICAL BACK UP		
Rating	:	1.5Kw 230V 1Phase (Optional)
Material	:	Stainless Steel
Connection thread	:	1" BSP
STRUCTURE		
System support structure	:	Galvanized Steel, Grey color powder coated
Hard ware	:	Stainless Steel 304



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