



AVAILABLE IN  
FOUR SIZES

HIGH DENSITY  
INSULATION

# EKOHeater

## Non Pressure Solar Water Heater

300L | 200L  
150L | 100L

5 Year Warranty

300L

### Key Points:

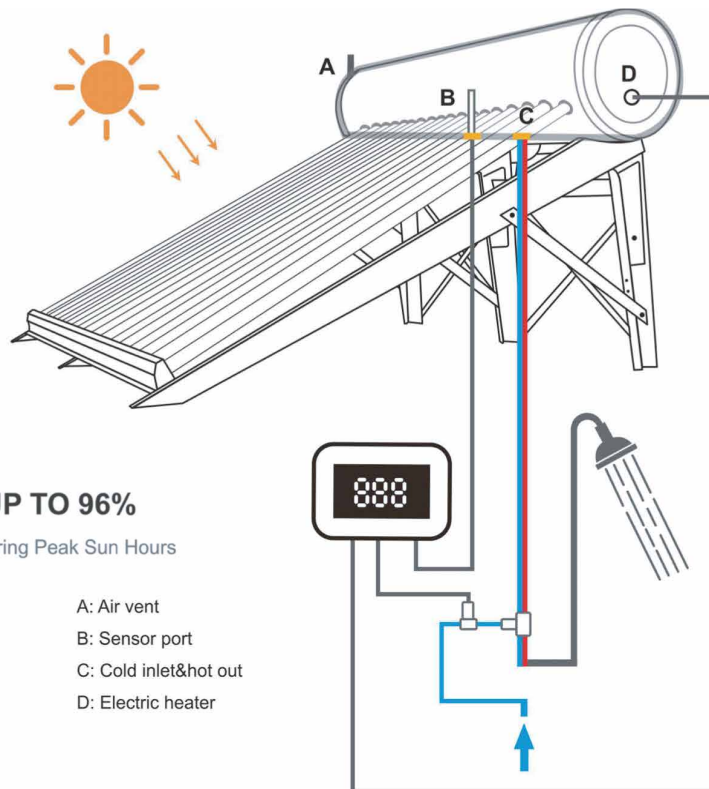
- Inner tank : Stainless steel SUS304 , 0.4/0.5/0.8 MM
- Vacuum tube : Cu/SS-ALN(H)/SS-ALN(L)/ALN 58-1800mm
- Outer tank shell: Stainless Steel/PVDF
- Insulation: High Density Polyurethane, 50mm/55mm
- Frame: Stronger Adjustable Galvanised Steel

### Accessories:

- Magnesium anode 3/4"
- Inbuilt electric heater element
- Controller panel 220V/50HZ
- Thermostatic mixing valve
- 5L Assistant Tank



STRONG  
STAINLESS  
STEEL  
FRAME



**96%** UTILIZE UP TO 96%  
Solar Power During Peak Sun Hours

- A: Air vent
- B: Sensor port
- C: Cold inlet&hot out
- D: Electric heater

## EKOHEATER

### Water Tank

Material of Outer Tank Chest	STAINLESS STEEL-SUS-304/PDVF
Material of Inner Tank Chest	Food Grade SUS304-2B SS. 0.4mm/0.5mm/0.8mm
Water Tank Diameter	[470/360 MM] / [480/380 MM]
Water Tank Insulating layer	Imported Polyurethane, High Density, [50/55mm]
Tube to Tube Distance	[75/80 MM]
Heat Preservation Period	72~80 Hours
Welding Method	Argon Arc Welding

### Bracket

Bracket Material	Stronger Adjustable Galvanised Steel
Bracket Angle	[25°/30°/38°]
Bolts & Nuts	[470/360 MM] / [480/380 MM]

### Vacuum

Tube Structure	All-Glass Double-Tube Co-Axial Structure
Glass Material	High Borosilicate 3.3 Glass
Tube Size	[58*1800 MM] [10/15/20/24/30 TUBES]
Coating ,Material	[CU/SS-ALN(H)SS-ALN(L)/ALN]
Sediment Method	Tri-Element Magnetron Sputtering Plating
Absorb Ratio	> 96 % (AM 1.5)
Thermal Emissivity	< 6% / (80°C)
Pressure between Tubes (Empty)	5x10 <sup>-3</sup> PA
Freezing Point	-30°C
The Average Heat Loss: ULT	< 0.60 W / (M2 C)
Hail Resistance	25mm

### Non-pressure Solar Water Heater

MODEL	Vaccum Tube		Capacity (L)	Absorber Area	Suitable for
	Pcs	Size (mm)	Tank	(M2)	(People)
ET-SWH-100L	10	58 x 1800	100	1.330	3~4
ET-SWH-150L	15	58 x 1800	150	1.995	5~6
ET-SWH-200L	20	58 x 1800	200	2.660	7~8
ET-SWH-240L	24	58 x 1800	240	3.192	9~11
ET-SWH-300L	30	58 x 1800	300	3.990	12~13
Type	Evacuated Tube				
Pressure	Non-Pressure/Low-Pressure				
Heating Systems	Thermosyphon (Passive)				