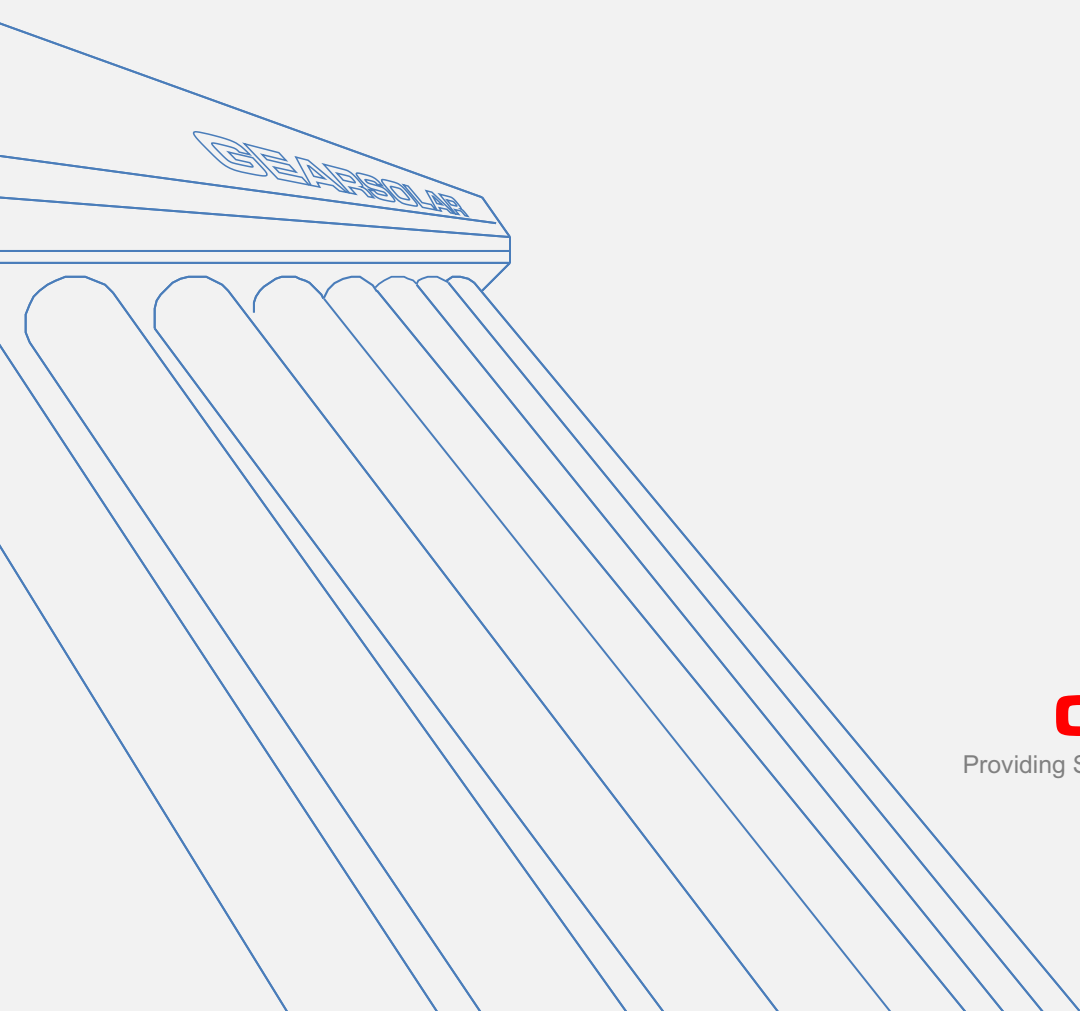


Evacuated Tube Solar Thermal Collector

SolarPac Series



GEARSOLAR

Providing Solar Thermal Energy Collecting Solutions

Gear Solar, Inc.
1861 S. Highway 14
Greer, SC 29650
Ph: (864) 879 0600 Fax: (864) 879 0601
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SolarPac Series

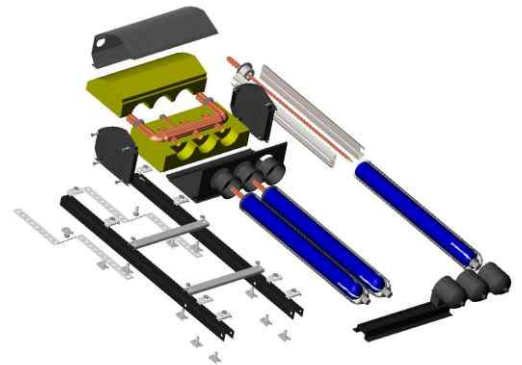
The SolarPac TP-24 is a high-performing evacuated tube collector that is manufactured to be used for domestic hot water, space heating, adsorption chilling and other hot water uses. Technological breakthroughs have allowed GEARSOLAR to offer a more efficient and stronger performing evacuated tube collector when compared to flat plate panels at a comparable price.

Features:

- High-performance twin-glass tubes, proprietary designed heat pipe and three layer absorption coating (ALN/ALN-SS/CU) ensures excellent performance .
- High quality and durable materials provide for 20-25 years of efficient energy collection. Tubes are made from borosilicate glass that is tempered for strength.
- High efficient selective absorption coating and vacuum heat insulation technology ensure the tubes get higher heat output in cloudy weather, windy conditions, and moist areas, especially in winter.
- Rapid conductivity of heat starts transferring energy very quickly , within two minutes.
- Extremely efficient heat transfer from our oxygen free copper heat pipe to our all copper header. Heat pipe condenser is dipped in chrome to prevent oxidation of copper.
- Heat pipe is manufactured in a clean room environment to minimize containments and provide greater efficiency.
- Quick installation with fast turn screw thread tube fittings and modular construction facilitates easy installation. Can be installed by one person.
- Appropriate for many applications such as DHW, solar radiant and space heating, and solar cooling.
- Limited 10 year warranty

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SOLARPAC Series

		TP-12	TP-24
No. of tubes		12	24
Gross area	ft ² /m ²	21.2/ 1.97	40.25 /3.74
Absorber area	ft ² /m ²	10.32/.96	20.64 /1.92
Total dimensions	W (in/mm)	39.25/997	74.4 /1890
	H (in/mm)	77.95/1980	77.95 /1980
	D (in/mm)	6.14/156	6.14 /156
Max Strength	psi	116	116
Gross Weight	lbs/kg	99/45	194 /88

