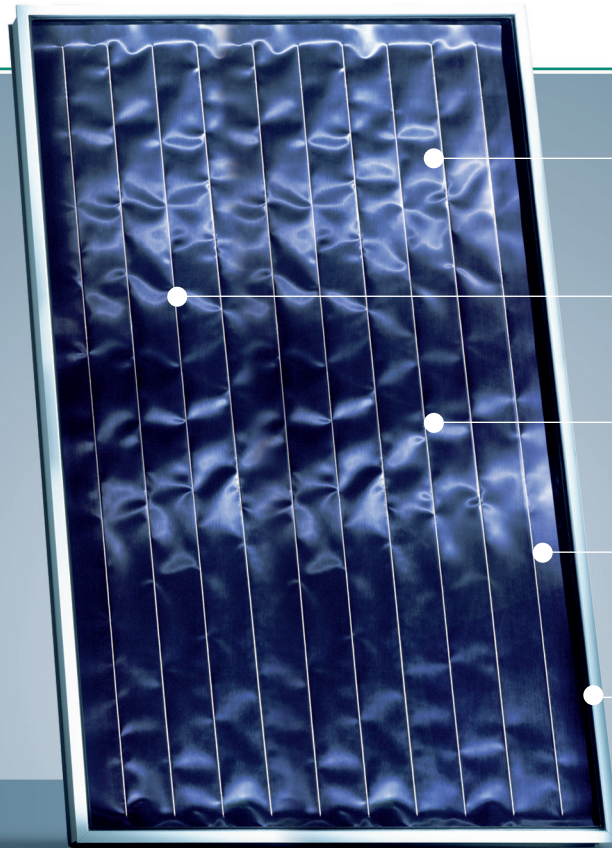


auroTHERM Solar Collectors

Affordable Solar Hot Water



Solar Systems



96% TRANSMISSION

Works well in limited sunshine

COPPER ABSORBER

Ensures excellent thermal conductivity

WEIGHS ONLY 94 POUNDS

Installs easily with no structural reinforcements

DOUBLE HARP DESIGN

Assures superior heat transfer

MODERN DESIGN

Presents a clean & polished screw-free frame

Highly Efficient Surfaces:

The glazed surface of the auroTHERM classic 900 collector ensures 91% solar transmission. The premium glazing and selective surface on the auroTHERM exclusive 990 collector provides maximum efficiency with 96% solar transmission.

Slim Design:

The low profile and subtle presence of the collectors looks great on pitched or flat roofs.

Freeze Protection:

The closed-loop system utilizes a heat transfer liquid that is a mixture of distilled water and FDA approved, food grade propylene glycol.

Surrounding Insulation:

Rockwool insulation retains the heat under the absorber plate and around the sides of the collector.

Flexible Installation:

Great for commercial installations, the collectors connect in a horizontal or vertical series to suit the available roof space. Because these collectors weight only 94 pounds, two people are able to install them quickly and with ease.

OVERVIEW

Vaillant™ solar flat plate collectors combine premium quality materials and advanced German engineering to provide maximum efficiency and durability that you can depend on for decades to come. The double harp construction with ultrasonically welded premium copper absorber ensures excellent thermal conducting and guarantees better heat transfer. Vaillant's solar collectors work with an existing water heater so users can enjoy hot water, day and night.

For more information visit us online at

www.vaillantsolarsystems.com

PRODUCT SPECIFICATIONS

Vaillant's auroTHERM collectors can be connected in horizontal or vertical series to suit the available roof space.

SOLAR PANEL		auroTHERM classic 900	auroTHERM exclusive 990
Gross Collector Area	ft ²	24.11 ft ²	24.11 ft ²
Aperture Area	ft ²	21.74 ft ²	21.74 ft ²
Height	inches	75.98"	75.98"
Width	inches	45.67"	45.67"
Depth	inches	4.33"	4.33"
Weight	pounds	94.79	94.79
Collector Capacity	gallons	0.334	0.334
Collector Absorption	%	95%	96%
Collector Emission	%	5%	5%
Transmission	%	91%	96%
Solar Efficiency	eta 0	81.8	85.7
	K1	3.37	3.37
	K2	0.01	0.01
Installation		Horizontal or Vertical	Horizontal or Vertical
Insulation	inches	Rockwool 2.36"	Rockwool 2.36"
Absorber		Copper	Copper
Operating Pressure (max.)	PSI	145	145
Stagnation Temperature	°F	440°	449°
SRCC Certification		N/A	Interim Certification

auroTHERM WARRANTY

Vaillant Solar Systems offers a ten year warranty on the auroTHERM solar collectors. A two-year warranty is extended to the balance of the Vaillant system. Labor warranties vary by individual installer.

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