

THE HEAT SAFE COLLECTOR

A North American assembled, reliable, patented collector

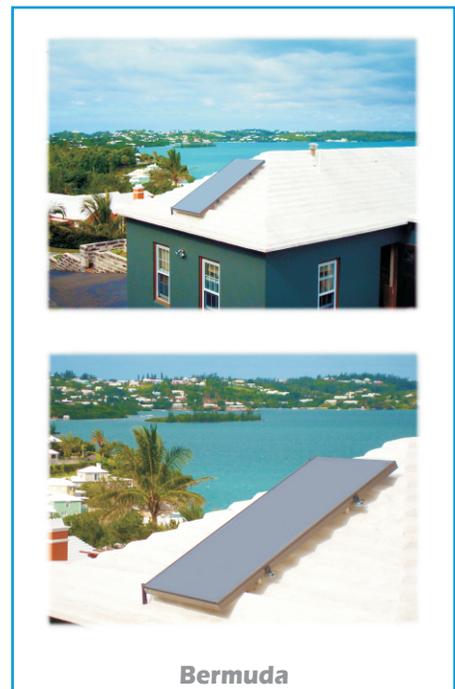


FEATURES AND HIGHLIGHTS

- **Energy savings**
 - Cut conventional water-heating energy requirements by 50% for northern and 80% for southern climates
 - Reduce the impact of rising energy prices
- **Designed for all climates**
 - Patented temperature-control device prevents collector from overheating, avoiding damage to heat-transfer fluid
 - Its heat-transfer fluid protect against corrosion and frost at temperatures down to -50 °C
- **Reliable**
 - One-piece tubing in collector eliminates possibility of internal leaks
 - Greater than 20 years life span
 - Hail resistant for peace of mind



Hemet, Ca USA



Bermuda

PRODUCT DESCRIPTION

- Optimal solution for hot water needs
- It resembles roof-top skylights when mounted on sloped roof. Flat roof racking, wall mount and ground racking also available
- Safe and reliable operation in all climates (freezing temperatures to stagnation conditions)
- Micro-flow design minimizes electricity consumption to run pump

Harness the sun's energy to heat your water—a clean, cost-effective solution!

TECHNICAL SPECIFICATIONS

HeatSafe Solar Collector	
Dimensions (W x H x D)	46.25" x 96.25" x 3.25" (1175mm x 2445mm x 83mm)
Weight	110 lbs. (50 kg)
Temperature Control	Stagnation-control Device US Patent # 7,143,762 B2
Absorber	Copper tube laser welded to aluminum sheet - absorptance 95%
Glazing	Low-iron, patterned, tempered glass
Mounting hardware	Roof, rack or wall mounted with proprietary brackets
Connections	3/8" flare nuts
Maximum operating pressure	125 psi (862 KPa)
Fluid content	0.32 US gallons (1.2 L)
Optional	Leaf-Guard for application where leaves and other debris could collect under collectors.
SRCC certification	2005014A
FSEC certification	00292N
CSA EEV File No.	232023

Warm Climate (below 37° N)	
People in the Home	# of Collector (s)
2-4	1 Collector
5-7	2 Collectors

Cool Climate (above 37° N)	
People in the Home	# of Collector (s)
2-3	1 Collector
3-5	2 Collectors
5-7	3 Collectors
7-10	4 Collectors

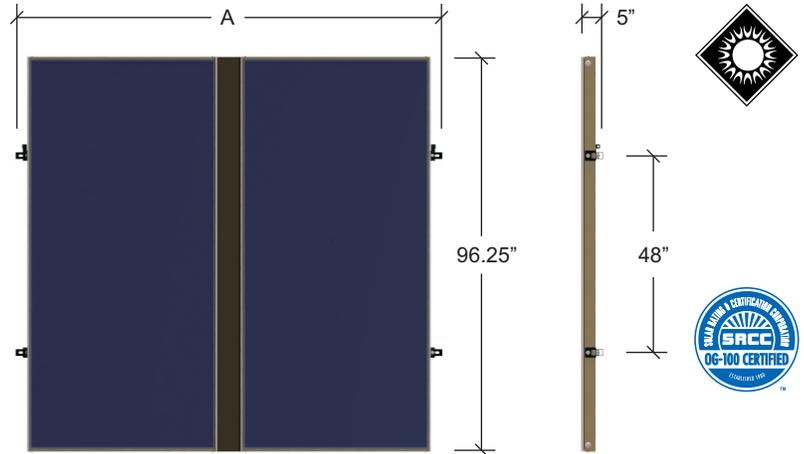


Okotoks, Ab Canada - 52 Homes

PRODUCT DETAILS

SCHEMATIC

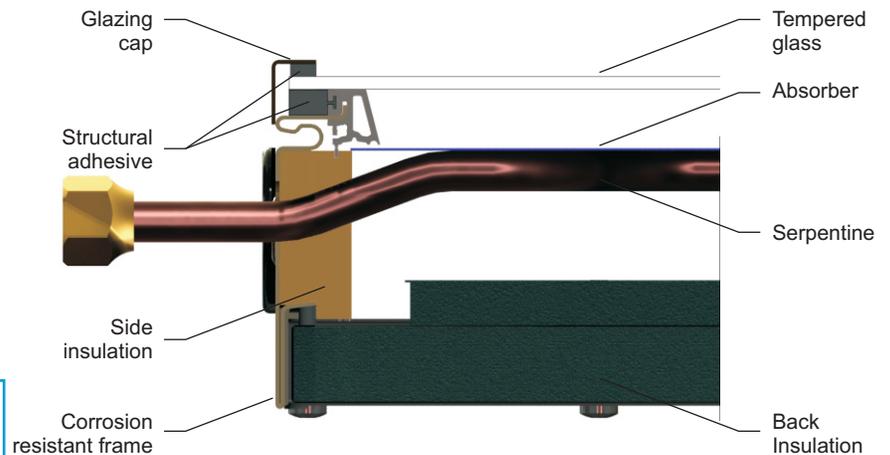
Two collectors shown



Collector bank dimensions				
Dimension	# of collectors			
	1	2	3	4
A	53.50" (with side flashing)	98.25"	150.25"	202.25"



CROSS SECTION VIEW



COMPANY PROFILE

Enerworks Inc. is a leading North American manufacturer of solar thermal products. For more information about our products visit:

Solar Pool Heaters:	www.enersol.com
Residential Solar Hot Water Products:	www.simplysolarthermal.com
Commercial Solar Thermal Products:	www.enerworks.com/commercial
Solar Space and Water Heating:	www.solarthermal.com
Contact us:	www.enerworks.com/contact-us/ 1-877-268-6502