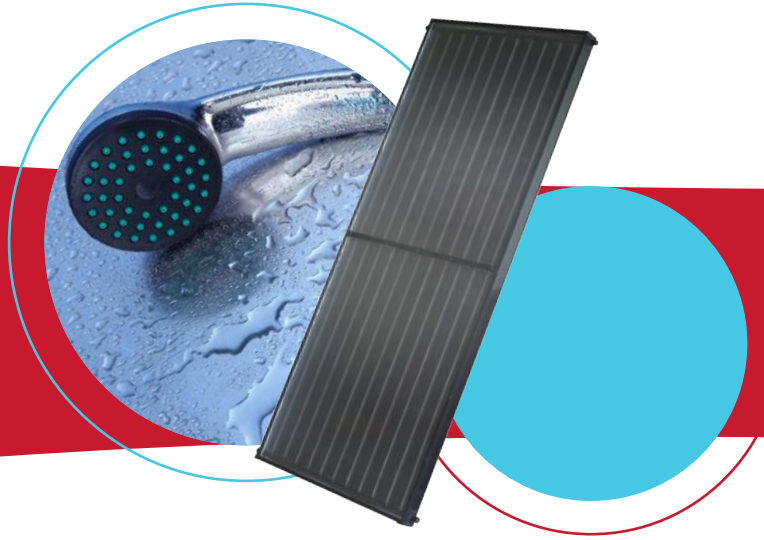




SLSG-40

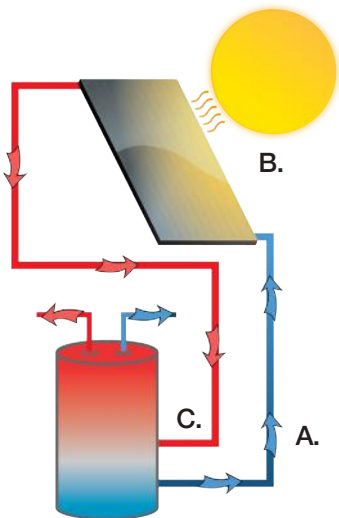


HOT WATER WHEN YOU NEED IT

Get all of the convenience of traditional water heaters while eliminating traditional costs, emissions, and hassles.

THE FEATURES ADVANTAGES

Financial Benefits	Improved cost per BTU.
Quality Guaranteed	Structural mid-rail allows for the use of dual glazing panels for increased strength and rigidity.
Weather Tested	Designed to handle harsh conditions including extremely high snow and wind loads.
Lightweight	Redesigned frame results in improved durability and lower weight.



**Solar Hot Water:
How It Works**

- A.** Water in the storage tank is pumped through a series of valves to your solar collector.
- B.** As the water rises through the solar collector, it is heated by the sun's thermal energy.
- C.** The heated water is then returned back to the tank, where it is stored until used.

CERTIFICATION DATA

- SRCC OG-100 Certified (collectors)
- SRCC OG-300 Certified (systems)
- FSEC Certified (collector & systems)
- IAPMO/USEC Certified

WHAT SRCC CERTIFICATION MEANS TO YOU

The SRCC currently operates two major solar programs: collector certification (OG-100), and heating system certification (OG-300). The OG-100 collector certification program applies to that part of a solar energy system that is exposed to the sun and collects the sun's heat. The collectors can be used to heat water, air or other heat transfer media. The OG-300 rating and certification program

for solar hot water systems integrates results of collector tests with a performance model for the entire systems and determines whether systems meet minimum standards for system durability, reliability, safety and operation. Factors affecting total system design, installation, maintenance and service are also evaluated.

SOLENE SLSG-40

Thousands of BTU's per day per panel

SOLAR INSOLATION

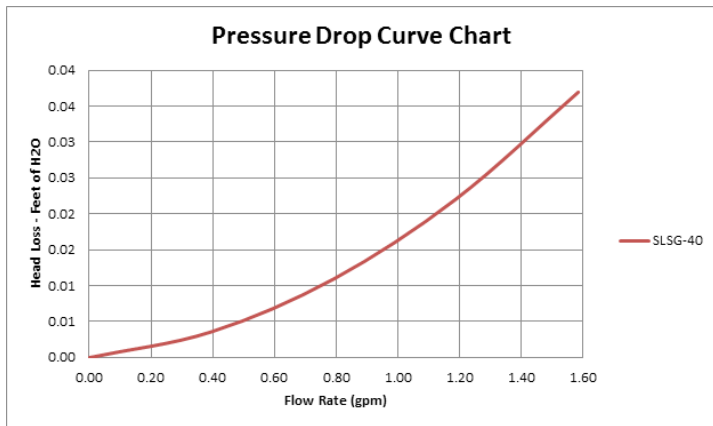
Category T(°F)		2,000 BTU/ft ²	1,500 BTU/ft ²	1,000 BTU/ft ²
Water temp. minus air temp.	A (-9)	55.0	41.5	28.0
	B (+9)	50.6	37.1	23.7
	C (+36)	42.8	29.7	16.6
	D (+90)	26.1	14.3	3.7
	E (+144)	10.0	1.6	0.0

KEY:

A - Pool Heating (Warm Climate) **B** - Pool Heating (Cool Climate) **C** - Water Heating (Warm Climate)
D - Space & Water Heating **E** - Commercial Hot Water + Cooling

CERTIFICATION DATA

Certifying Organization	SLSG-40
National Standard SRCC ISO 9806	42.8 kBTU/day $\eta=0.727 - 0.54921(P/G) - 0.00257(P2/G)$
Florida Standard FSEC ISO 9806	34.7 kBTU/day $\eta=0.727 - 0.550(P/G) - 0.003(P2/G)$



COLLECTOR DATA

Collector Model	SLSG-40
Gross Area (sq. ft.)	40
Net Aperture Area (sq. ft.)	37.4
Ratio Net/Gross Area	0.94
Length (in.)	120
Width (in.)	48
Thickness (in.)	3.875
Dry Weight (lbs)	141
Fluid Capacity (gal.)	1.3
Recommended Flow Rate (GPM)	1
Test Pressure (psi)	162
Operating Pressure (psi)	80



Corporate Headquarters:
 950 Sunshine Lane
 Altamonte Springs, FL 32714
 1.800.79.SOLAR
 www.umasolar.com

Distribution Centers:
 Altamonte Springs, FL
 Tempe, AZ • Fairfield, CA
 Escondido, CA