

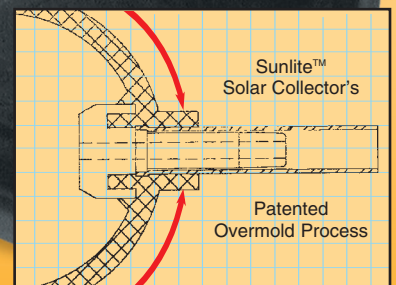
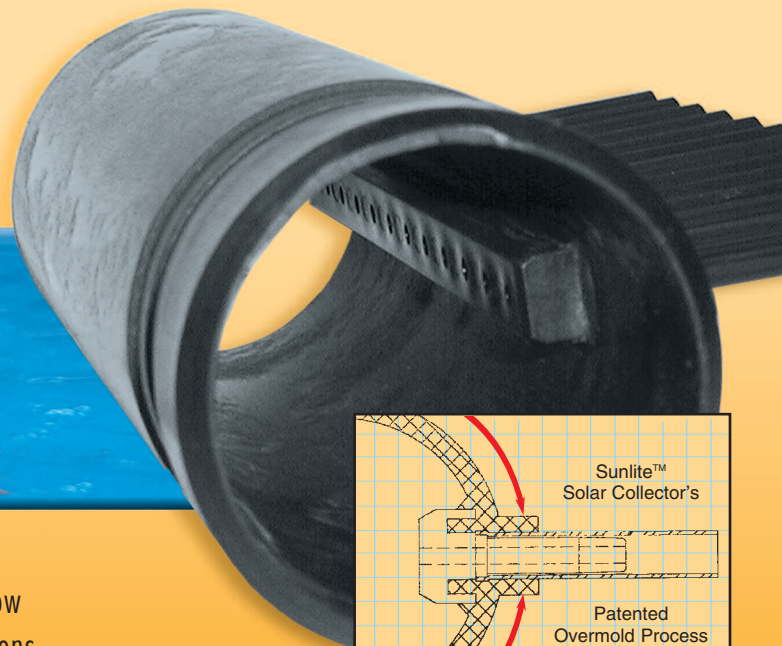
# Sunlite™

SOLAR POOL COLLECTORS



The easy to install, lightweight solution to heating your swimming pool with nature's free resource. The sun.

The unique Sunlite™ Solar Collector from Aquatherm Industries is a truly innovative approach to solar pool heating. The lightweight modular design is easy to install, and is available in eight, ten and twelve foot lengths.

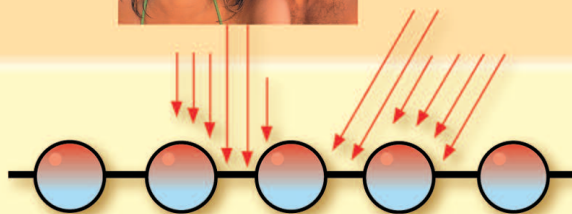


The patented overmold process used in the Sunlite™ collector maximizes heat transfer by precisely controlling the water flow to each tube while minimizing stress at the header connections.



# Sunlite™

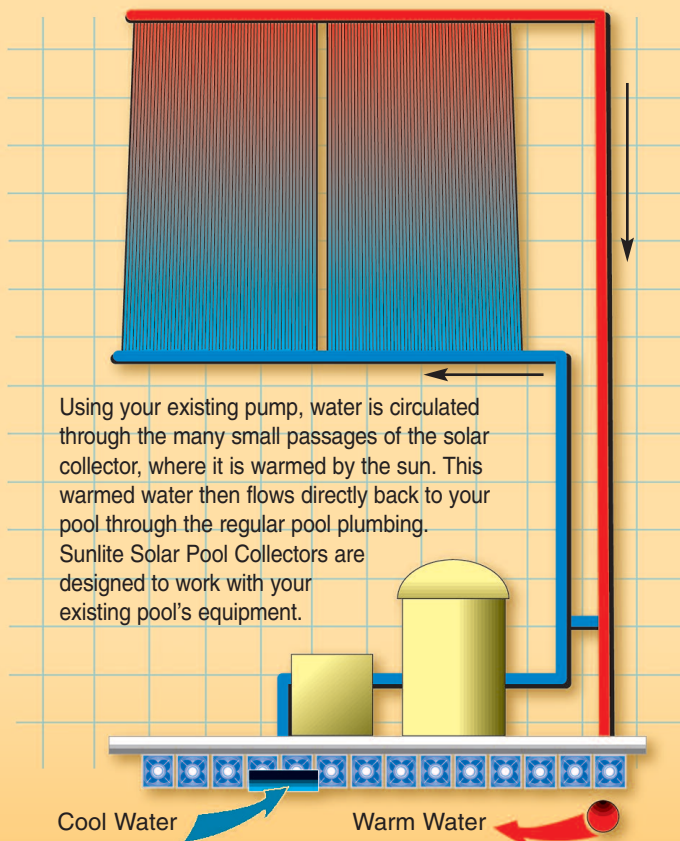
## SOLAR POOL COLLECTORS



Actual cross section of a Sunlite Solar Collector

### PROVEN PERFORMANCE IN ALL CLIMATES

Engineered to relieve the thermal stress of expansion and contraction assuring years of trouble-free operation.



Using your existing pump, water is circulated through the many small passages of the solar collector, where it is warmed by the sun. This warmed water then flows directly back to your pool through the regular pool plumbing.

Sunlite Solar Pool Collectors are designed to work with your existing pool's equipment.

## TECHNICAL

### DIMENSIONS

Model Number	.....17039-12	.....17039-10	.....17039-8
Nominal Size-ft.	.....2x12	.....2x10	.....2x8
Overall Collector Length-in.	.....144	.....120	.....96
Collector Width-in.	.....24	.....24	.....24
Manifold Length-in.	.....27.5	.....27.5	.....27.5
Manifold O.D.-in.	.....1.7	.....1.7	.....1.7
Manifold I.D.-in.	.....1.5	.....1.5	.....1.5
Total Collector Area-ft <sup>2</sup>	.....23.7	.....19.7	.....15.7
Net Collector Area-ft <sup>2</sup>	.....23.7	.....19.7	.....15.7

### WEIGHTS

Dry-lbs.	.....9.4	.....8.2	.....6.9
Wet-lbs.	.....10.8	.....9.6	.....8.2
Wet-lbs./ft <sup>2</sup>	.....0.45	.....0.48	.....0.51
Fluid Capacity-gals.	.....1.43	.....1.36	.....1.29

### FLOW RATES

Maximum-gpm.	.....5.0	.....5.0	.....5.0
Minimum-gpm.	.....1.5	.....1.25	.....1.25
Recommended-gpm.	.....2.5	.....2.0	.....1.63
Maximum number of collectors with Single Feed @ Recommended Flow Rate	.....20	.....24	.....28

### PRESSURES

Pressure Drop	0.3 ft head (0.13 psi) pressure loss at recommended flow rate
	0.2 ft head (0.09 psi) pressure loss at minimum flow rate
Maximum Fluid Pressure	Greater than 85 psi @ 80°F
Recommended Maximum Operating Pressure	35 psi @ 140°F



# aquatherm

INDUSTRIES, INC.

LIVE GREEN. SWIM WARM.

www.warmwater.com

Available Through: