

All Radiant Pools are engineered using the same technology employed in the aerospace industry. Radiant Pools are the only pools manufactured using an R-10 structural insulated wall. These 2" thick wall panels are constructed of EPS foam insulation bonded between layers of acrylic coated aluminum sheeting.



ENERGY STAR helps people make smart choices that protect the environment while saving energy and money. Radiant Pools is the only pool manufacturer in the industry to become an ENERGY STAR PARTNER. We are committed to promoting energy efficiency and the future of our planet.

# Radiant POOLS™



Energy savings not only lower utility costs, but lower CO2 emissions. Radiant Pools is a proud member of the US Green Building Council, a national coalition of leaders from across the residential and commercial building industry. Together we are working to promote building materials and practices that are environmentally responsible and create healthy places to live and work.



Build green. Everyone profits.

EPS contains no ozone damaging CFC's or HCFC's and is 100% recyclable. Aluminum is the most commonly recycled post-consumer metal in the world.



simply brilliant.

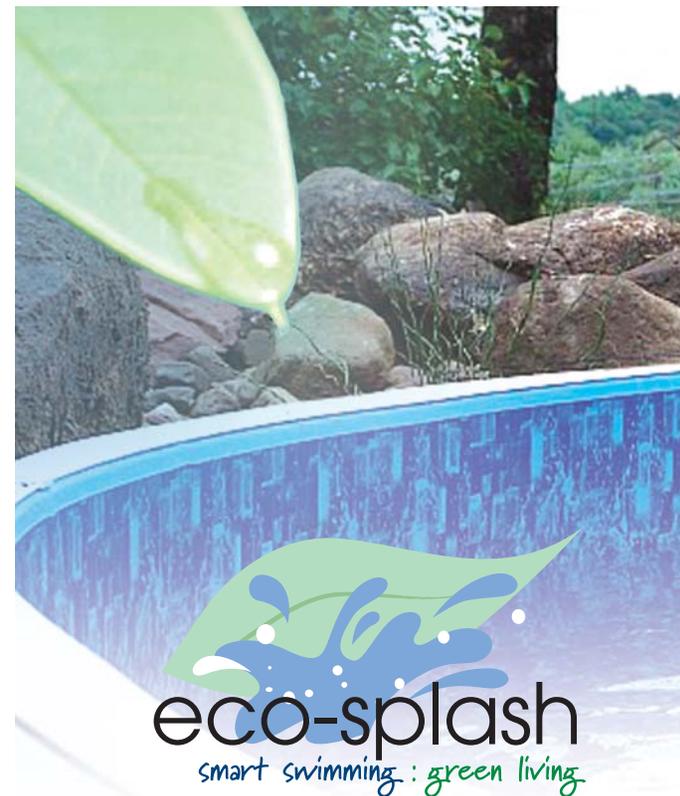
the only energy efficient environmentally smart pool



[www.radiantpools.com](http://www.radiantpools.com)

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## R-Value Comparison of Common Construction Materials

	R-Value at 2" Thickness	Thickness Needed for Same R-Value
Plywood	2.50	6.99"
Poured Concrete	0.16	109.25"
Brick	0.22	79.45"
Aluminum	0	11,242"
Steel	0	2,297"
 Radiant Pools Insulated Panels	10	2"

R-Value is a measure of a material's resistance to heat flow. The higher the R-value of a material, the greater its insulating capability.

Radiant Pool R-10 insulated walls resist heat loss from the water to the soil more efficiently than any other type of pool wall. With the use of a solar blanket, heat gained from the sun is retained, maintaining the water temperature overnight, when other types of pools can lose up to 10°F.

The Radiant insulated wall panels help the water heat up faster and keep the water warmer longer, extending the swimming season by up to 2 months.

**With a Radiant Pool, you can save energy, save money and protect the environment.**



A Radiant Pool, with its structural insulated wall panels, can keep water temperatures 5 to 10 degrees warmer than traditional pools.

This means significant savings on the costs of heating an average pool. In fact, with the superior heat retention properties of a Radiant Pool, you can enjoy your pool during the entire swimming season without the need for a heater. You can save \$1000's on energy costs. With this type of savings over time, a Radiant Pool will simply pay for itself.



**the only swimming pool that pays for itself**

**Save \$13,100.<sup>00</sup> over 20 years**

### Monthly Cost of Heating a Swimming Pool to 80°F by Location

Location	Season	Heat Pump*	Gas Heater**
Miami	1/1 - 12/31	\$121.66	\$237.33
Phoenix	3/1 - 10/31	\$109.37	\$222.00
Dallas	4/1 - 10/31	\$138.57	\$274.28
Atlanta	4/1 - 10/31	\$158.57	\$321.14
Los Angeles	5/1 - 10/31	\$201.66	\$396.00
Kansas City	5/1 - 10/31	\$155.83	\$312.00
New York	5/1 - 9/30	\$195.00	\$388.80
Chicago	5/1 - 9/30	\$207.00	\$414.40
Boston	5/1 - 9/30	\$268.75	\$524.00
Minneapolis	6/1 - 9/30	\$212.50	\$444.00
San Francisco	6/1 - 8/31	\$316.66	\$618.66
Seattle	6/1 - 8/31	\$300.00	\$594.66

\*Figures based on 1000 sq. ft. outdoor heated pool with an air to water heat pump with an average COP of 5.0 at \$.085/kwh \*\*Figures based on a 1000 sq. ft. outdoor heated pool with an 80% efficient natural gas heater at \$.50 per therm. Information Source: U.S. DOE - EERE Consumer's Guide



The water temperature you desire for your swimming pool directly affects your heating costs if you use a gas or heat pump pool heater. Pool water temperatures typically range from 78° F to 82° F. The American Red Cross recommends a temperature of 78° F for competitive swimming. However, most people prefer water temperature of 80° F or higher.

With an insulated Radiant Pool, the average pool owner can save up to 25% on their annual swimming pool heating costs. A Radiant Pool owner in Boston, MA, using a gas heater, will save approximately \$655 per year.

**What's more refreshing than lower energy bills?**