



Catalina™ insulation system keeps running costs low

At Catalina spas Ltd we only use the best insulation available that conforms to the strict California energy Commission Standards.

The California Energy Commission was established in 1975 to reduce energy consumption and save on energy bills. It sets strict standards to ensure all CEC compliant products are energy efficient. As part of our commitment to ensure lower running costs, all of our spas and swimspas are CEC compliant.

Our insulating process starts with the application of high density foam that is spray applied to the reverse of the spa shell, under the contoured top lip and plumbing. This process not only gives the very best insulation values it also adds additional strength to the shell and provides a strong support for pipework. Studies by the US department of energy show spray applied foam are as much as 50% better than traditional insulation products.

It does not end there. We then add **Radiant GUARD® Reflex-Air™** to the back of the spa cabinet. A reflective wrap insulation product consists of two layers of a bubble insulation material laminated between layers of metalized film to provide excellent thermal resistance. The insulation contains an air retention layer designed to provide increased strength and puncture resistance and has a **10 year warranty** that **Catalina™** apply to our cabinets and spa shells.

Radiant GUARD® Reflex-Air™ reflective insulation reflects up to 96% of radiant energy in addition to resisting conductive and convective heat transfers thus providing effective insulation.

Radiant GUARD® Reflex-Air™ Reflective Insulation Benefits

- Reflects 96% of radiant heat
- Class A / Class 1 Fire Rating
- Non-toxic / Non-carcinogenic
- Fibre free
- Durable and lightweight
- Does not compress, collapse or disintegrate
- Vapor and radon retarder
- Controls condensation
- Permanent and maintenance-free
- Does not support the growth of mold or mildew
- Not affected by moisture or humidity
- Lowers heating costs year round

With the thickness of foam insulation and Radiant Guard® a Catalina spa or swimspa has a U-value of less than 0.25 (Wm²/K)

When comparing prices before you buy, be sure to consider both the cost to purchase and the cost to run. We're confident Catalina™ Spas and Swimspas offer the very best insulation and therefore savings in running costs.



Catalina Spas Ltd. Downs Farm, Gomeldon. Salisbury. SP4 6JZ
T. +44 (0)1980 611555 sales@catalinaspas.co.uk
www.catalinaspas.co.uk