

# Heatsavr™

## Heatsavr in Action

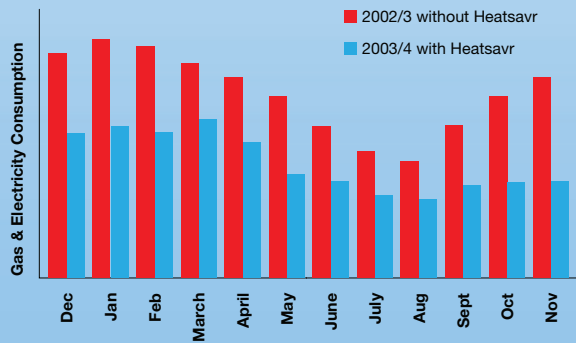


Before Heatsavr



With Heatsavr, 15 minutes later

### Actual monitored results from a large Holiday Park leisure pool in the UK



## Heatsavr Automatic Dosing System

Easy and inexpensive to install, it provides a reliable and accurate method of ensuring that the pool benefits from the maximum energy savings possible. Fully programmable to suit pool size and hours of operation, it only requires a periodic check of the reservoir, topping up as necessary.



- Save money, water & energy
- Biodegradable: Environmentally friendly
- Reduces make up water
- Proven: Lab & field tested and verified
- Easy to use – no manual handling
- Reduces humidity in indoor pools
- Safe: Tested extensively
- Transparent
- Safe for filters & Plumbing
- Undetectable by pool users: tasteless, odorless, no residue on hair or clothing.



# Heatsavr™

The transparent liquid blanket that fits any shape or size of outdoor or indoor pool

Easy to use, inexpensive and effective



Save Energy and Reduce CO<sub>2</sub>

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# Heatsavr™

## What is Heatsavr?

Heatsavr is an effective “liquid pool blanket” for swimming pools and spas that replaces the need for conventional pool covers. Heatsavr greatly reduces heat loss and evaporation from the exposed pool surface 24 hours per day.

## Safety

Heatsavr is a patented, non-toxic, biodegradable and completely safe liquid that does not change the appearance or operation of the pool. It has been fully tested by numerous independent authorities to ensure that it meets the health and safety standards required.

## Benefits over conventional covers

- Low capital cost
- Quick payback – costs funded directly from savings
- Available 24/7 – therefore greater overall potential with commercial pools
- No cleaning issues due to bacterial build up
- Fully automatic – no cover to remove, staffing issues or costs
- Pool always ready to use
- Ultimate reliability with negligible servicing cost

\*Energy saving estimates and references are available on request.

## Energy Savings up to 50%

### Outdoor Pools

Heatsavr works like a conventional solar blanket enabling the pool to benefit from direct solar radiation, so an unheated pool will be naturally warmer or a heated pool cost less to run. Savings relate directly to reduced evaporation and hence pool water heat loss. Savings up to 40% can be expected although actual savings will depend on location and usage.

### Indoor Pools

In addition to savings on water heating, Heatsavr also reduces the overall energy usage which includes dehumidification and air heating. Reduced evaporation means less load on any dehumidification plant and when the pool is unoccupied the air temperature can be reduced to a set back level, resulting in reduced air heating costs. Dependant on building design and pool usage, overall reduction in energy costs can be as high as 50% when compared to an uncovered pool.



Without Heatsavr



With Heatsavr

## Chemical Savings up to 50%

Whilst the chemical saving benefits of Heatsavr have long been recognised, controlled tests carried out on several outdoor pools during 2011 showed reductions in chlorine consumption of between 45 and 50%. Economic justification alone for the use of Heatsavr without taking into account the energy savings.

## How does it work?

In non-technical terms Heatsavr is a mixture of carefully chosen ingredients which are lighter than water so that the mixture automatically floats to the surface. The particles of the liquid are attracted to each other so that they always try to form a perfect very thin layer – one molecule thick – over the whole surface of the pool. They are individually so small that they are 500 times smaller than the spaces in a super high quality filter.

Unlike a conventional pool cover which has to be removed from the pool for swimming, the Heatsavr molecules break apart locally whenever the water is sufficiently disturbed but when the water calms down again they regroup to re-form the protective layer.



**Heatsavr can provide a return on investment of over 500%  
e.g spend £100 – save in excess of £500\***

**Used in thousands of public, commercial and residential pools worldwide\***