

Why Cover an Indoor Pool?

It's The Most Efficient Way to Stop Energy Loss Through Evaporation

Evaporating water depletes tremendous amounts of energy. It only takes one Btu (British thermal unit) to raise one pound of water 1°F, but each pound of 80°F water that evaporates takes a whopping 1,048 Btu of heat out of the pool.

Approximately 70% of all energy lost is due to evaporation. The simple act of covering an indoor pool when not in use will immediately provide you with savings of 50-70%.

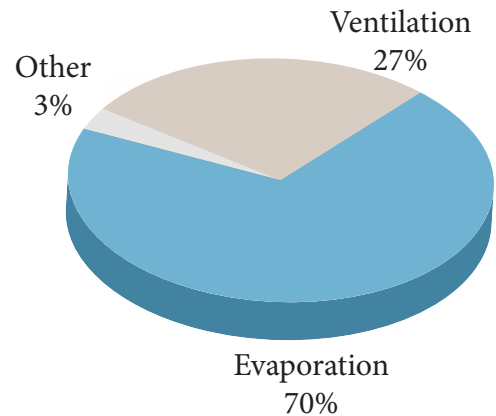
Chemical consumption will also be reduced, providing approximately \$5,000 - \$7,000 saving annually.

Make up water will be reduced by 30% - 50%.

The building will experience less wear and tear. Fixtures, window sills, paint, beams, and exposed metals will all last longer in a less corrosive environment.

Heating bills will be lower and HVAC equipment will experience less strain.

Indoor Pool Energy Loss Characteristics



Preventing water, heat, and chemical loss, **“Covering a pool is the single most effective means of reducing energy costs. Covering a pool = energy cost savings of 50% - 70%.”** - US Department of Energy

“The pool has saved approximately \$1,000 by using fewer chemicals due to less evaporation; there is no more “motel smell” from chlorine when you walk in the front door, and the equipment and ventilation system operates more efficiently due to the environment being less corrosive.” - Ken Harfst, Webster City Assistant Manager