

SMART, EFFICIENT, AND ROBUST VARIABLE SPEED POOL PUMP

THE PINNACLE OF POOL PUMPS



 leaf pumps™

A GREENER POOL PUMP

Standard pool pumps can consume as much power as the rest of household appliances combined and pool owners are spending about \$1.5 billion per year to operate swimming pool systems. To put this in perspective, it takes 24 medium sized power plants to power the systems that keep our pools clean. The resulting emissions are equivalent to 1.3 million cars. Traditional pumps draw far more energy than is required to effectively circulate pool water. In fact, each state in our Sun Belt could close an average of two power plants if every pool was converted to a variable speed pool pump. The Leaf pump is the most efficient variable speed pump available, designed to preserve the health and safety of both people and the environment.



**MASSIVE ENERGY AND COST SAVINGS —
UP TO \$1500 PER YEAR**

BETTER WATER QUALITY

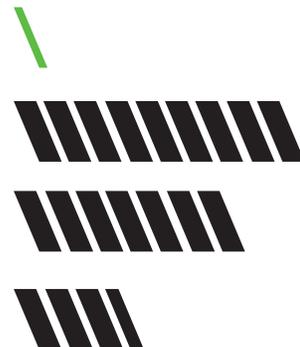
Stagnant water is a breeding ground for bacteria and algae and increases chemical demand. Moving water is healthier water. Prevent stagnation by running Leaf 24 hours for virtually same cost as running single speed pump for 1 hour.

Leaf Pump
20 WATTS

1.5 HP Single-Speed
2,070 WATTS

1 HP Single-Speed
1,679 WATTS

Typical 2-Speed
759 WATTS



+ 3 YEAR WARRANTY

Leaf is engineered for reliability and comes standard with a best-in-class 3 year limited warranty to protect your investment, and your pool, for years to come.

+ BUILT FOR QUALITY

Run at lower temperatures, with an advanced motor, internal cooling and thermal overload protection to minimize heat, vibration and prevent breakdowns.

+ ECM PERMANENT MAGNET MOTOR

The best electric motor for maximizing efficiency; reduces noise and vibration for improved function, longevity and substantial savings over traditional pumps.

+ SIMPLE ONBOARD CONTROLS

Built-In Controls with three programmable presets, a bright LED and simplified push-button keypad allow you to easily control pump speed and run time.

+ IMPROVE WATER QUALITY

Prevent water stagnation by running Leaf 24 hours for less pressure on pool equipment and virtually the same cost as running a single speed pump for 1 hour.

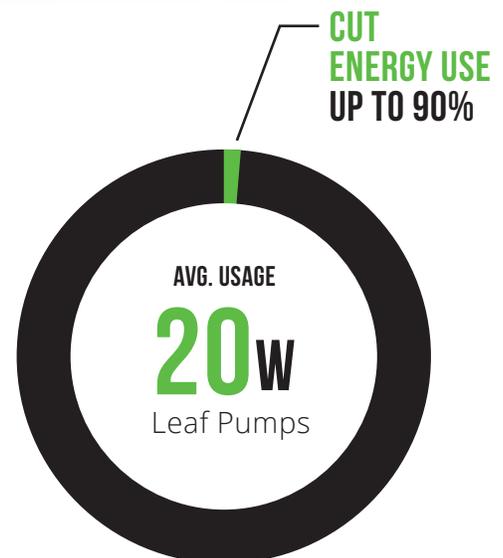
+ HIGHEST EFFICIENCY OPERATION

Leaf runs efficiently on only 20 watts—one hundredth the energy of a traditional pool pump—to cut your energy use by up to 90% and save you up to \$1500.



HIGH-EFFICIENCY VARIABLE SPEED DESIGN

Traditional single-speed pumps burn up to 2000W. Leaf runs on one hundredth of that; operating on as little as 20W for massive energy and cost savings—up to \$1500 per year. Running at peak efficiency, Leaf can cut your energy use by 90% and run 24 hours for virtually the same cost as running a single speed pump for one hour. And while you save the most energy and money operating on slower speeds, even when run at the same high speeds as a traditional pump, Leaf still uses on average 30% less energy than a traditional pump. The Leaf pump establishes new levels of efficiency, topping the performance of 1st generation variable speed pumps by up to 53%.





Pump type:	Self-Priming Centrifugal
Impeller/diffuser:	Glass-Filled NORYL
Pump seal:	High Grade Carbon/Graphite/ 316 Stainless Steel
Strainer basket:	Sturdy Oversized 2.1 L Single-Piece
Port size:	2" Inlet and Outlet with Unions
Shaft material:	Stainless Steel
Material:	UV Stabilized Thermoplastic
Motor:	1.65 HP
Motor speeds:	600 to 3,450 RPM
Motor presets:	3 Programmable Presets
Max amps:	10
Electrical input:	230 Volts, Single Phase Input via VFD (20 amp Breaker Recommended)
Motor cooling:	Internally Fan Cooled, Thermal Overload Protection
Freeze Protection:	Automatically Turns Pump On at 39°
Noise Level:	Ultra Quiet - Meets FCC Part 15 Class B
Built in Controls:	Simplified, Bright LED Keypad with 24-Hour Control Speed and Run Duration
External control options:	Digital Inputs Compatible with Virtually all Third-Party Automation
Weather Rating:	NEMA Type 3R Environmental Rating - Does Not Require an Enclosure
Warranty:	Best-In-Class 3 Year Limited Warranty

