

# PRESTIGE POOLS

## EQUIPMENT BROCHURE 2016



87 W. County Road C • St. Paul, MN 55117 • 651.490.1399  
[www.prestigepools.com](http://www.prestigepools.com)

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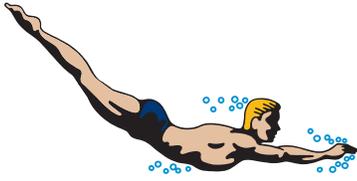
**Inter-Fab Basketball Game**

**Inter-Fab Volleyball Game**



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## PRESTIGE POOLS

# Standard Construction, Equipment and Accessory Items Built Into Every Prestige Pool

### *Experience*

Prestige Pools always has been a family-owned and operated business. You have the added peace of mind that comes through dealing with me, Pat Henry, and my family. Together, we bring over 30 years of experience to work for you. We work with you throughout the construction process and for the entire time you own a Prestige Pool. In fact, all of our construction and service crews are employed directly by Prestige Pools, not seasonally hired on a sub-contract basis. This allows us to keep close personal contact with you, and a much tighter control on work scheduling, procedures and quality standards.

### *Wall Construction*

Prestige Pools uses only the finest wall system on the market today. Manufactured in the United States by Interpool, our wall system uses only G-235 14 gauge domestic steel. The mill process puts 2.35 ounces of zinc every square foot on the structural base in the galvanizing process. G-235 is the highest coating weight offered by mills and is the panel sheet specification. The heavy zinc coating provides superior durability and long life.

Engineered in a state-of-the-art facility with the most advanced computer controlled technology,

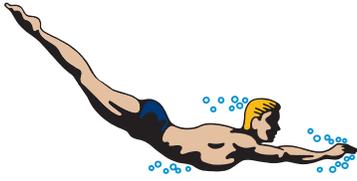
your Interpool steel pool exceeds industry expectations for design, construction and quality. Interpool's computerized punching tolerance of 0.005 inches ensures every panel fits perfectly. Interpool panels have a full 5 inch top flange, a 1.25 inch return flange, and is the only manufacturer producing the classic 3 inch side flange. In order to save on sheet costs, others have significantly smaller return and side flanges. Interpool's sheet "blank" to make the panel is larger than anyone else's (in some cases over 2 percent). Simply stated, we will not limit our high standards.

- **Adjustable bracing system** allows us to fine tune long straight walls.
- Behind the steel wall is a **2 foot wide by 9 inch deep concrete bond beam** giving you a lifetime of structural stability.

### *Deck Support*

Around the entire perimeter of your Prestige Pool, we incorporate 6 inch rigid PVC pilings every 4 feet. These support the concrete deck by attaching to the concrete bond beam below.

**Note:** In steel wall/vinyl liner construction, the concrete sidewalk around the pool is supported (generally) in one of two ways. First, footings tied back to the bond beam or, second, braces run back to the pool wall. Having both available, we prefer the footing method over the slightly cheaper brace method.



# PRESTIGE POOLS

## Standard Construction, Equipment and Accessory Items Cont.

### *Liner, Sides and Bottom*

- Our liners fit as if they were painted.
- Temperature protection to -40 degrees Fahrenheit
- U.V. resistant inks
- Fungicide protection
- Protective wall foam
- Vermiculite bottom

### *Plumbing*

- All plumbing lines are run individually using schedule 40 PVC, not black poly pipe. We plumb a pool like your home, not like your irrigation system.
- **Equipment is plumbed in 2 inch PVC. This increases the flow through the heater, filter and chlorinator by a whopping 50 percent!**
- Cartridge filters require no backwashing and are customer friendly, both operationally and for maintenance.
- High performance quiet operation. Large capacity, high-technology pumps blend cost-efficient design with durable corrosion-proof construction.
- The automatic chlorinator has a 9 lb. capacity that accommodates large or small slow-dissolve tablets or sticks.
- 2 NSF Anti-Vortex bottom drains
- Two surface skimmers
- Five return lines
- **Equipment rests on concrete slab, not plastic imitation pads that sink and move**

### *Accessories*

- Chemical package (\$600.00 value)
- Wall Brush, Leaf Skimmer, Thermometer, Pool Rules Sign, Manual Vacuum Head/Hose/Pole, Safety Rope, Test Kit, Beach Towel with Prestige Pools logo (priceless)

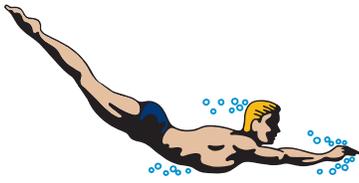
### *After Care*

- Prestige Pools service staff will be available to get your pool running as soon as the electrical work is done, not waiting for deck and fencing to be installed.
- Prestige Pools provides full operations and water chemistry instruction and our staff is always available to answer any questions.

### *Other Services*

- Weekly or monthly service routing
- Free delivery of chemicals and supplies
- Fall closing of pools
- Spring start up and get run





# PRESTIGE POOLS



Pictured is our "Pool House" location at 87 County Road C West





**PRESTIGE POOLS**  
prestigepools.com

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INTELLIFLO®



# INTELLIFLO® VARIABLE SPEED PUMP

The most energy-efficient pump ever



[pentairpool.com](http://pentairpool.com)



# WHY MORE POOL OWNERS SAVE WITH INTELLIFLO® VARIABLE SPEED PUMPS

Want to know why IntelliFlo pumps outsell all other variable speed pool pumps combined?

When Pentair first introduced IntelliFlo variable speed technology, it set off a marketplace revolution with its energy efficiency, near-silent operation and long service life.

The IntelliFlo Variable Speed Pump further refines the field-proven advancements that have led IntelliFlo pumps to outsell all other variable speed brands combined. Check out these advantages and you'll quickly see why:

- Estimated cost **savings of up to \$1,500** each year<sup>1</sup>.
- Energy savings up to 90% versus traditional pumps.
- Dramatically quieter operation—as low as **45 decibels**<sup>†</sup>.
- 8 programmable speed settings and built-in timer assure optimum speed and run times for maximum efficiency and savings.

<sup>1</sup> Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors.

<sup>†</sup> Compared to noise level of typical 1.5 hp single-speed pump.



# FIRST THEN, FIRST NOW.



# 90% Savings!

Get the newest IntelliFlo Variable Speed Pump... and put the game-changing, money-saving innovation of IntelliFlo pumps to work for you.

IntelliFlo pumps brought variable speed technology to market—a full 5 years ahead of every other manufacturer. But the leader never stands still. So we've taken full advantage of our head start to perfect these IntelliFlo pump firsts:

- Ultra-efficient permanent magnet motors, as used in advanced hybrid cars.
- Precise matching of motor speed to your pool's needs.
- Totally enclosed fan-cooled (TEFC) motor design for long life and quiet operation.
- Built-in diagnostics protect the pump for longer service life.

And today, IntelliFlo pumps still lead the way with all these advantages:

- Permanent magnet motor design for greater efficiency.
- More total energy savings than any other pool pump family in history.
- Nearly a decade of proven in-field reliability.
- Exclusive software and digital controls make programming a cinch.
- Easy installation for inground pools and pool/spa combos of all types and sizes, new or aftermarket.
- Once installed, the IntelliFlo pump is fully compatible with IntelliTouch<sup>®</sup>, EasyTouch<sup>®</sup> and SunTouch<sup>®</sup> Control Systems, providing a range of options from indoor control panels to wireless remotes to manage pool heating, lighting, spa jets, water features and more. Add our ScreenLogic<sup>®</sup> Interface and IntelliTouch and EasyTouch system owners can enjoy pool and spa control using their iPhone<sup>®</sup>, iPad<sup>®</sup>, iPod touch<sup>®</sup> mobile digital device, or Android<sup>™</sup> device, Mac<sup>®</sup> computer or PC<sup>2</sup>.

<sup>2</sup>The IntelliFlo pump also works with other manufacturer's pool/spa controllers when used with a separately purchased IntelliComm<sup>®</sup> II Adapter.



ENERGY STAR<sup>®</sup> Certified IntelliFlo Variable Speed pumps from Pentair meet strict energy efficiency criteria set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. These pumps save money, reduce energy use and protect the environment.



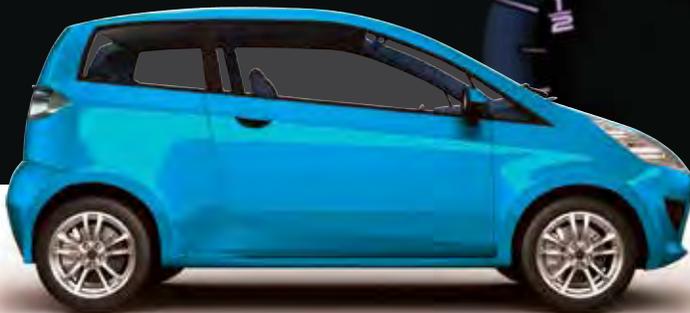


# HOW MUCH ENERGY CAN ONE INTELLIFLO® VARIABLE SPEED PUMP SAVE?

Typical single-speed pumps can consume as much energy as all your other home appliances combined. Why not replace that energy hog with an IntelliFlo pump? It uses up to 90% less energy than the typical single-speed pump—savings that translate directly into money in your pocket.

Device	Refrigerator	Clothes Washer	Dishwasher	Single-Speed Pump	IntelliFlo Pump
Annual Energy Used <sup>3</sup> (kWh per year)	500 kWh	211 kWh	309 kWh	3,285 kWh	1,150 kWh
	Total Combined Energy Used kWh/year 1,020 kWh				<b>Total Energy Saved vs. Single-Speed Pump 2,135 kWh/year</b>

<sup>3</sup>Source: US Federal Trade Commission - [www.ftc.gov/energy](http://www.ftc.gov/energy)



Hybrid technology makes your money go up to 90% farther.

Most pool pumps, even so-called “energy-efficient” models, still use the traditional technology of an induction-style motor. The IntelliFlo pump uses an advanced permanent magnet motor—the same technology found in today’s hybrid cars. Result: savings of up to 90%, even compared to “high efficiency” single-speed and two-speed pumps.



# POOLSIDE PEACE AND QUIET.

IntelliFlo pumps introduced a new level of quiet to the pump world. With their permanent magnet motors, totally enclosed fan-cooled (TEFC) design, and low average operating speed, they're so whisper-quiet that you may not even know they're operating.

But the quantity of sound is only one measure of quietness. Sound quality is important, too. That's why we engineered the IntelliFlo pump's permanent magnet motor to virtually eliminate the unpleasant high-pitched noise found in other so-called "quiet" variable speed pumps—so you enjoy a more relaxing, satisfying pool and spa experience.



## How quiet is the IntelliFlo pump?

								
Lawnmower	Alarm clock	Vacuum cleaner	Single-speed pump*	Car traffic*	Dishwasher	Moderate rainfall	<b>IntelliFlo pump</b>	Library
90 dB	80 dB	70 dB	67 dB	67 dB	60 dB	50 dB	<b>45 dB</b>	30 dB

### Decibels (dB)

\*1.5 HP pool pump. Pumps at distance of 3.28 feet. U.S. car traffic at 50 feet.  
Sources: American Speech-Language-Hearing Association, OSHA.





# SLOW AND STEADY WINS.

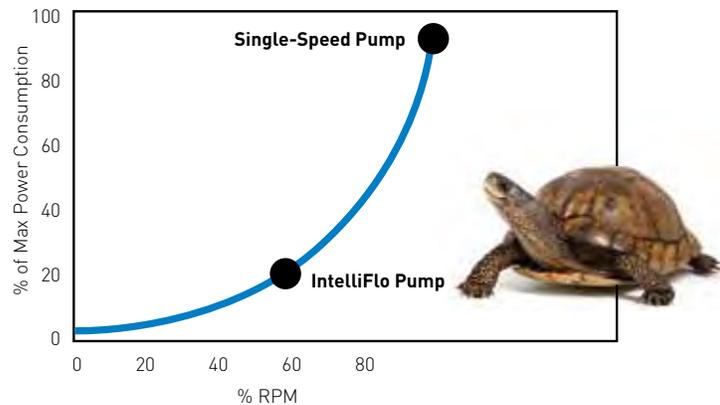
With its ability to adjust speed, the IntelliFlo® Variable Speed Pump takes full advantage of the scientifically proven Affinity Law:

Cut the pump speed by half, and you cut energy consumption by 87%. The graph below shows just how dramatic your energy savings can be.

Traditional pumps operate at set, unchangeable speeds. Those speeds are almost always higher than required. As a result, they overpower the jobs they're assigned to do, which wastes energy.

The IntelliFlo pump allows custom programming of optimum pump speeds for specific tasks such as filtering, heating, cleaning, spa jets and waterfalls. For virtually all applications, the optimum speed is lower than the preset, unchangeable speeds of older pumps.

When water moves more slowly for longer periods, it helps reduce the occurrence of algae that forms more easily when water is pumped briskly and then allowed to rest for long intervals. Your filter works more effectively because it has more time to sift out particles from the water, and because particles aren't forced through the filter media under needlessly high pressure. Automatic chemical dispensers and chlorinators also work better when water is kept moving.



# JUST HOW MUCH CAN YOU SAVE?

Energy cost per kilowatt hour (kWh)	Estimated IntelliFlo pump savings per year <sup>1</sup>	Estimated IntelliFlo pump savings after 5 years <sup>1</sup>
\$0.16	up to \$1,500	up to \$7,500
\$0.20	up to \$1,800	up to \$9,000
\$0.30	up to \$2,700	up to \$13,500



Since the cost to operate your pump isn't itemized on your electric bill, you're probably wondering just how much an IntelliFlo pump could save. Here are realistic estimates when comparing a traditional energy-efficient single-speed pump to the IntelliFlo pump in a 20,000 gallon pool. Savings are calculated using 12 hours of operation, which represent common run times.



Dancing Waters



Pool Cleaner



Waterfall



Spa

## As your poolscape changes, so will the IntelliFlo pump.

With IntelliFlo pumps you can add equipment and features, or change them, without reducing pump performance and efficiency. Add a solar system or water feature, or change your filter. Just push a button to set the new optimum speed for the lowest energy use. You keep saving, even as your pool system changes.



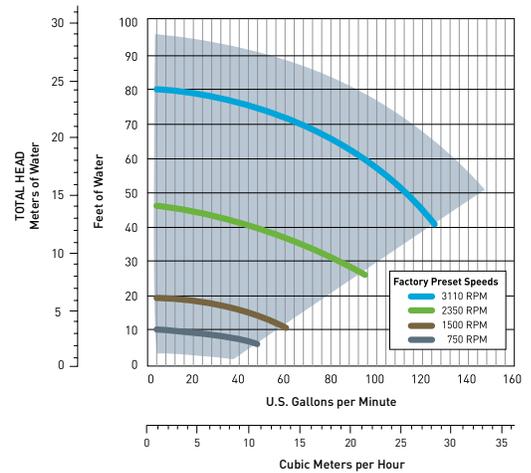
# INTELLIFLO® VARIABLE SPEED PUMP

Proven dependability that's in a class by itself.

IntelliFlo pumps have amassed a record of field-proven reliability that's unmatched by any other variable speed pump. Here's how:

- Permanent magnet motor runs cooler, produces less vibration than induction motors.
- Totally enclosed fan-cooled (TEFC) design protects against the elements.
- Built-in diagnostics protect the pump for longer service life.

So when you invest in the superior engineering of an IntelliFlo pump, you'll reap the dividends for years to come. Visit your Pentair professional now... and let the enjoyment begin.



NOTE: The chart above demonstrates performance rates at factory preset speeds of 750 RPM, 1500 RPM, 2350 RPM and 3110 RPM. However, flow rates can also be custom programmed between the ranges of 400 RPM and 3450 RPM as indicated by the blue tint.

## How does your pump measure up to the IntelliFlo pump?

### IntelliFlo pumps vs. single-speed pumps

Benefit	IntelliFlo Variable Speed Pump	Single-Speed Pumps
<b>Up to \$1,500</b> estimated cost savings each year <sup>1</sup>	YES	NO
Energy savings up to 90%	YES	NO
Longer pump life	YES	NO
Permanent magnet motor, as in hybrid cars, reduces noise and vibration	YES	NO
Improves filter and chlorinator performance	YES	NO
Helps reduce algae build-up	YES	NO
Lets you add pool features without reducing pump efficiency	YES	NO
Totally enclosed fan-cooled (TEFC) design protects working parts	YES	NO
Built-in diagnostics protect the pump for longer service life	YES	NO
8 programmable speed settings and built-in timer assure optimum speed and run times for maximum efficiency and savings	YES	NO

### IntelliFlo pumps vs. other variable speed pumps

Benefit	IntelliFlo Variable Speed Pump	Other Variable Speed Pumps
World's first-ever variable speed pump	YES	NO
More total energy savings than any other pump family in history	YES	NO
Nearly a decade of proven in-field reliability	YES	NO
Outsells all other variable speed pumps combined	YES	NO

AVAILABLE FROM:



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pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products





CLEAN & CLEAR® PLUS

# CLEAN & CLEAR® PLUS CARTRIDGE FILTER



## CRYSTAL CLEAR WATER THE EASY WAY

The Clean & Clear Plus filter combines top-end filter performance with low maintenance. This dependable design uses special filter elements to strip tiny particles from your pool water...particles as small as 20 microns (an average grain of beach sand is 1,000 microns). Our four-cartridge design provides maximum filter surface area to capture more dirt and extend time between cleanings. And cleaning is a snap—open the top, remove the cartridges, hose them off and the Clean & Clear Plus filter is ready to go again.



We've maximized cartridge surface consistency to block and trap the maximum amount of solids, plus we use the most durable materials to extend cartridge life. The Clean & Clear Plus filter delivers commercial-grade performance that keeps pools clean and sparkling, day in and day out.

- Four-cartridge design traps more dirt and extends time between cleanings.
- Cartridges are easy to remove and rinse.
- Clamp ring allows easier access to cartridges and internal parts to speed service routines.
- 1½" drain is easy to access and located to ensure complete draining during winterization.
- Fiberglass-reinforced polypropylene tank is strong and corrosion resistant for extra long life.

## AN ECO SELECT® BRAND PRODUCT

The Eco Select brand identifies our "greenest" and most efficient equipment choices. Water flows very efficiently through the Clean & Clear Plus filter, often allowing the use of smaller pumps or lower pump speeds to minimize energy use. And when you rinse cartridges rather than backwash, you can significantly reduce water use, too.



# CLEAN & CLEAR® PLUS CARTRIDGE FILTER

- Clamp ring for easy and quick access to cartridges
- Single-piece fiberglass-reinforced polypropylene tank for strength and corrosion resistance
- 2" plumbing for maximum flow and faster water cleaning
- Easy access 1/2" drain makes proper winterization fast and simple



## FOUR CARTRIDGES IN A COMPACT DESIGN

Clean & Clear Plus filters contain four polyester cartridges that hold enormous amounts of dirt, yet are easier to clean. The fiberglass-reinforced tank halves are secured with an innovative clamp ring—just loosen the ring and remove the top half for easy cartridge access and rinsing. Filter maintenance doesn't get any easier.

- Continuous internal air bleed helps prevent air build-up to keep the filter operating at peak performance.
- Single-piece base and body for strength, stability and years of dependable service.

Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	Flow Rate GPM		Turnover Capacity-Res. (Gallons)		
				Res.**	Comm.	8 hrs.	10 hrs.	12 hrs.
CCP240	240	56"	21.5"	90	90	43,200	54,000	64,800
CCP320 <sup>1</sup>	320	62"	21.5"	120	120	57,600	72,000	86,400
CCP420 <sup>1</sup>	420	68"	21.5"	150	150	72,000	90,000	108,000
CCP520 <sup>1</sup>	520	74"	21.5"	150	150	72,000	90,000	108,000

<sup>1</sup>NSF Listed

\*Required clearance to remove filter elements

\*\*Maximum flow rate

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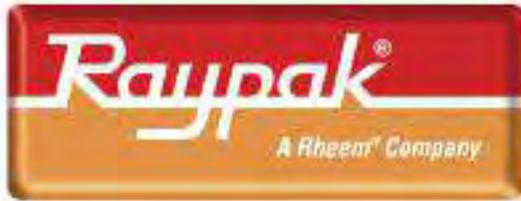
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pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products

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*The Pool and Spa Heating Experts<sup>SM</sup>*



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# **Raypak Digital**

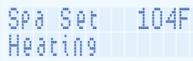
## **Pool and Spa Heater**



# The Raypak

## Digital Control

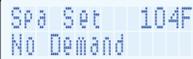
### Microprocessor-Controlled Thermostat



Spa Set 104F  
Heating

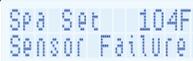
The Raypak Digital gas heater is equipped with a microprocessor-based control. This control allows you to set your pool and spa temperature precisely at your preferred setting just by pressing an up or down temperature control button.

The digital display tells you when the water is being heated and notifies you when your target temperature has been reached.



Spa Set 104F  
No Demand

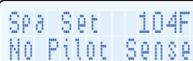
### Self-Diagnostic



Spa Set 104F  
Sensor Failure

Troubleshooting a Raypak gas heater has never been easier. The Raypak Digital has on-board diagnostic controls that let the user and the service professional know

what is going on with the heater at all times. The display uses real English, with no cryptic codes to decipher.



Spa Set 104F  
No Pilot Sensed

### Remote-Compatible



Remote Pool 104F  
Water Temp 69F

The Raypak Digital is compatible with most major pool control and remote systems on the market today. Any two- or three-wire remote can connect to the Raypak Digital and be integrated into the pool control system of your choice. The display clearly shows the heater is under control of a remote system.

### Run Time and Cycle Meter

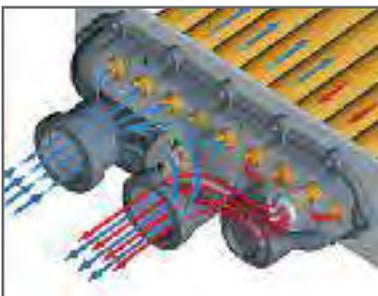


Run Time 100h  
Cycles 134

Yet another industry first, the Raypak pool heater can report how long it has run and how many times it has fired. This is valuable feedback for the service professional.

Multi-unit installations can monitor the run time of each unit and balance out the duty load, thus avoiding over working one individual heater.

## Heat Exchanger



### Condensation-Free Operation

Both water temperature and flow rate inside the heater are controlled to help eliminate condensation, sooting and scale buildup that can shorten the life of a heater. Raypak engineered the Unitherm Governor specifically for pool heater applications, regulating low-temperature incoming water to help reduce condensation. The built-in automatic bypass helps prevent scaling and erosion by balancing the flow going into the heat exchanger.

### Rust-Free Waterways

The Raypak Digital, with polymer headers, is equipped with an integral copper finned-tube heat exchanger and stainless steel tube sheets. Even the smallest details such as the studs and nuts are made out of stainless steel. The payoff? A heater that will last year after year and can easily be serviced if the need should ever arise.

## Burners

### Stainless Steel Burners

Burner design is a critical component in any gas heater. The stainless steel burner system used in the Raypak Digital is inherently forgiving and extremely robust. The burner is self-adjusting to compensate for gas pressure fluctuations, allowing the heater to always burn clean and safe.

### Smooth Light Off

The soft-opening gas valve ensures smooth turn-on; no "Hard Light" to worry about. The easily removable burner tray and pilot assembly make service and maintenance a simple task.

### Pilot Ignition

The Raypak Digital use a spark-to-pilot ignition system. This is the most reliable and robust ignition system available—an industry proven standard for over 30 years.



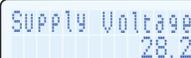
### Flame Strength Indicator



Flame Strength  
8 Good

Raypak leads the way with the first control in the pool industry to monitor and measure the pilot flame signal. Known for our high quality, leading edge commercial boilers, it just made sense for Raypak to use this existing commercial technology on our residential pool heaters. This little tool is a service tech's dream. Raypak also uses this function on the end of line test, making sure every heater leaves with a robust flame signal.

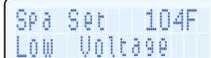
### On Board Voltmeter



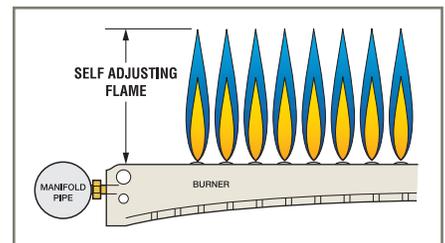
Supply Voltage  
28.2

The Raypak Digital monitors the low voltage electrical supply. This helps ensure the heater is wired properly during installation. The heater will also let you know if

the voltage has dropped too low to function properly. No other pool heater takes care of you like a Raypak.



Spa Set 104F  
Low Voltage



# Raypak Digital

## The right tube for the right application

### Copper Fin Tube - Residential

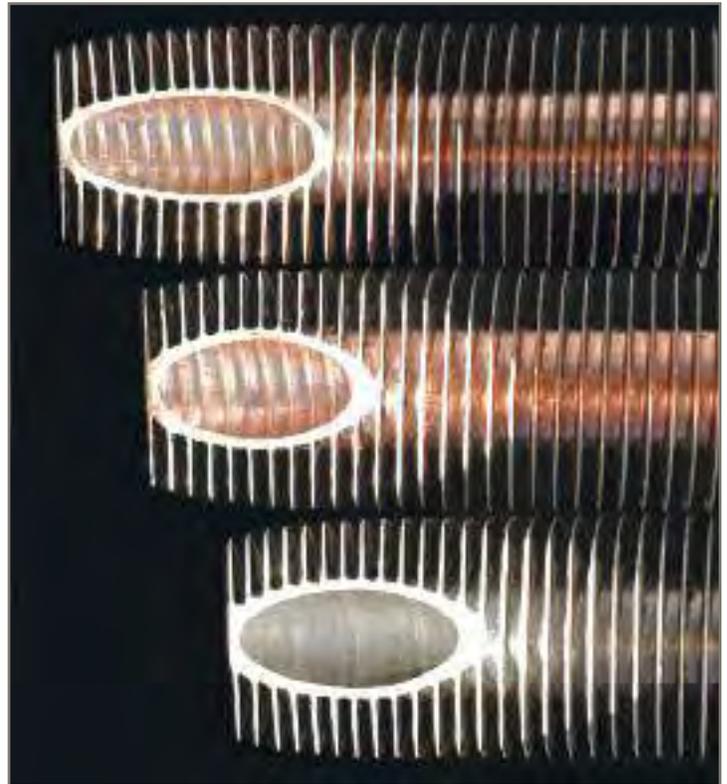
The Raypak Digital is built to last with the highest quality integral copper fin tube available. Copper is well known for its ability to efficiently transfer heat, and is the first choice for pool and spa heat exchanger construction. Pure copper has stood the test of time as the industry standard for efficiency, quality and product life.

### ASME Copper Fin Tube - Commercial

The Raypak Digital ASME is designed specifically to meet State and local code requirements for public pools and commercial applications. This heater is equipped with a thicker walled fin tube allowing it to meet the ASME certification requirements.

### Cupro-Nickel Fin Tube - Specialty

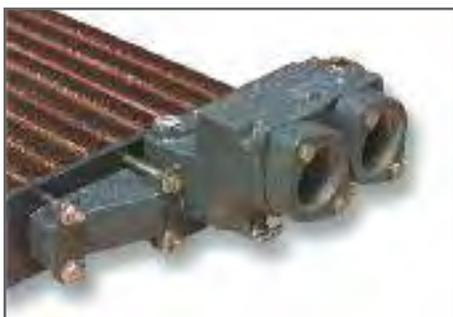
Raypak Digital heaters can be ordered with cupro-nickel fin tube heat exchangers for added protection against aggressive water chemistry. Although rare, there are certain applications, like health club spa's, where copper is just not the best choice. Cupro-nickel offers superior tolerance to bad and fluctuating water chemistry, thanks to a harder surface and a thicker walled fin tube.



## ASME



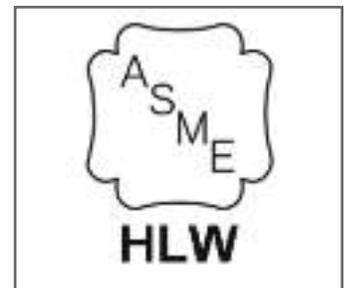
**On-site state inspectors**



**Cast iron headers**

### ASME

The Raypak Digital heater is also available in an optional ASME version. Raypak has state inspectors on-site daily performing certifications for our pool heater and commercial boiler production that require ASME. Being in the boiler business for over 60 years truly makes Raypak the leader for your commercial needs. Why ASME? Most local codes require that public pools, pools that are in condominiums, apartments, or other commercial applications, be ASME certified. ASME stands for American Society of Mechanical Engineers, a non-profit group which sets many industrial and manufacturing standards. A pool heater that is made to ASME standards must perform to a set of specifications as determined by ASME, specifically in relation to the operating water pressure the appliance can handle. Each and every ASME heat exchanger that goes into a Raypak heater is certified by a state inspector to make sure it complies with all ASME codes for pool heaters.



### Glass-Lined Cast Iron Headers

Raypak has applied its years of commercial boiler experience to the design of the cast iron glass-lined header. A metal header design allows for the higher working pressures required by ASME. Only after the material meets the stress analysis and metal composition tests is it approved for use in an ASME unit.



# Anything But Basic

## Cabinet

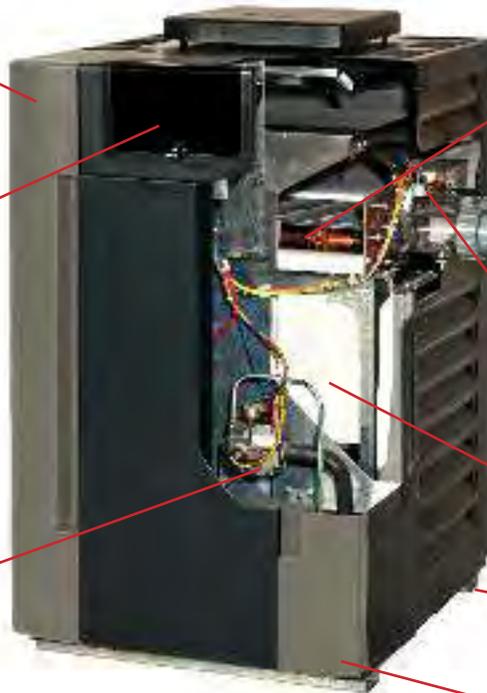
- Outdoor top - (standard)
- Wind-resistant design
- Channels rainwater out
- Textured powder-coat finish
- Optional indoor top

## Digital Controls

- Microprocessor-controlled
- Built-in diagnostics
- Back-lit LCD display
- Pool and spa settings
- Lexan cover- with snap closure
- Remote-compatible
- Flame strength meter
- Cycle and run time log
- Transformer output monitor
- Fault history-last 10

## Burner Tray

- Easily removable
- Stainless steel burners
- Brass orifices
- Aluminized metals
- Stainless steel heat shield
- Spark-to-pilot ignition
- Soft-opening gas valve



## Heat Exchanger

- Integral copper fin tube - (standard)
- Automatic bypass
- Unitherm governor
- Polymer headers
- Stainless steel tube sheet
- Reversible for left-side water connections.
- ASME - (optional)
- Cupro-nickel - (optional)

## 2" CPVC Connections

## High Limits and Controls

- Mounted on the in/out header

## Ceramic Fiber Combustion Chamber

## Non-Combustible Base

- Heater can be installed on a combustible surface

## Base - Interior Floor

- Stainless steel

## 120/240V

- Incoming power can be connected to the right or left side.

	copper (polymer headers) ASME copper and cupro	cupro-nickel (polymer headers)
Model	BTUH Input	BTUH Input
206	199,500	180,000
266	266,000	240,000
336	332,500	300,000
406	399,000	360,000

## Optional D-2 Power Vent

### D-2 Power Vent

Sometimes, equipment rooms or unusual venting configurations require the use of a power vent. Being the heater experts, we have this option for you when the need may arise.

### Through-the-Wall Capable

The D-2 Power Vent assembly is a Category III mechanical draft venting system that operates under a positive static pressure and prevents excessive condensate production in the vent. All sizes are capable of relieving flue gases up to a maximum of 100 equivalent feet of vent length. All models have a standard 4"-diameter exhaust connection.

### Multi-Position

Using the Raypak-supplied adjustable 90° elbow, the flue gases may be discharged in any direction (see D-2 Power Vent manual for details). The D-2 Power Vent is also dual-voltage capable (120/240 volt) and engineered for long life and smooth operation.



D-2 Power Vent

**For dimensions and technical specifications, see catalog number 6000.35.**

In keeping with its policy of continuous progress and product improvement, Raypak reserves the right to make changes without notice.



Raypak, Inc. 2151 Eastman Avenue, Oxnard, CA 93030, (805) 278-5300. Fax (800) 872-9725

www.raypak.com





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St. Paul, MN 55117  
651.490.1399

MASTERTEMP®



# MASTERTEMP® HIGH PERFORMANCE HEATER



# NO MATTER WHAT YOUR CRITERIA FOR TOP PERFORMANCE AND VALUE, THE MASTERTEMP® HIGH PERFORMANCE HEATER MEETS THEM ALL

## FAST, EFFICIENT, COMPACT, QUIET, SAFE AND ECO-FRIENDLY

No matter what you're seeking in your swimming pool heater, the MasterTemp heater measures up. Compare this list of features to any other and you'll see why MasterTemp heaters are setting a new standard for total value.

- Very compact design for such a high performance heater, allows for smaller overall equipment pads that won't intrude on your poolscape.
- A fully pre-mixed system with a highly efficient air and gas mixture lets the MasterTemp heater heat up fast. No long waits before enjoying your pool or spa.
- Compare energy efficiency ratings and you'll find MasterTemp heaters at the top of the list. Comfort and economy can go together.
- With a hot surface ignition (no pilot light) and pushbutton, digital controls, the MasterTemp heater is as easy to operate as your home heating system. Plus, user-friendly indicator lights make system operation and monitoring a snap.
- The easy-to-view, rotating digital display places controls front and center, no matter how the MasterTemp heater is positioned on your equipment pad.
- MasterTemp heaters are engineered for super-quiet operation and won't intrude on your poolside leisure time.
- A tough, rustproof composite exterior handles the heat and weathers the elements.
- Eco-friendly, the MasterTemp heater is certified for low NO<sub>x</sub> emissions and outperforms industry standards.
- Safe operation through a series of features, including: a water pressure switch that senses the pump is running to prevent overheating, high limit switches assure the heater turns off if water temperature exceeds factory-set limits, manual gas shut-off when service is required, stack flue sensor also guards against overheating.
- Approved for installation on combustible surfaces.

*Don't be left out in the cold with heaters that don't measure up to today's longer list of must-have features. Insist on MasterTemp heaters and you're insisting on better performance and lifetime value.*

## POOL SIZING\*

°F Temperature Change/ 24 Hrs.	Heater Size					Heater Size				
	Model 175	Model 200	Model 250/250HD	Model 300	Model 400/400HD	Model 175	Model 200	Model 250/250HD	Model 300	Model 400/400HD
	Pool Capacity in Gallons					Pool Surface Area in Sq. Ft. at 5.5' Depth				
5	85,210	97,383	121,729	146,075	194,766	2,069	2,364	2,955	3,546	4,727
10	42,605	48,691	60,864	73,037	97,383	1,034	1,182	1,478	1,773	2,364
15	28,403	32,461	40,576	48,692	64,922	690	788	985	1,182	1,576
20	21,303	24,346	30,433	36,519	48,691	517	591	739	887	1,182
25	17,042	19,477	24,346	29,216	38,953	414	473	591	710	945
30	14,201	16,230	20,288	24,345	32,461	345	394	493	591	788
35	12,173	13,912	17,390	20,868	27,824	296	338	423	507	675
40	10,651	12,173	15,216	18,260	24,346	259	295	369	443	591

\*ASME models available. See your Pentair representative for details.





The MasterTemp heater's easy-to-read controls make system operation and monitoring simple. Pool and spa temperatures can be pre-set and controlled with the push of a button. A digital display indicates the water temperature, and five LED lights give you system status and let you know if the heater needs service.

Rotating digital display means more installation options and easier access to view operating information

Easy to install or retrofit in even the tightest space — models from 175M to 400M BTUs — all measure 21" L x 21" W x 28" H

Rustproof, tough composite exterior for long life

Available in natural gas and propane models



### SPA SIZING\*

Model	Spa Volume (Gallons)								
	200	300	400	500	600	700	800	900	1,000
Minutes for 30°F Temperature Rise (Heater Input in 1000 BTU/HR)									
175	21.0	31.0	40.0	50.0	61.0	71.0	81.0	91.0	102.0
200	18.0	27.0	35.0	44.0	53.0	62.0	71.0	80.0	89.0
250/250HD	15.8	23.5	30.8	38.5	46.5	54.3	62.0	70.0	77.8
300	13.5	20.0	26.5	33.0	40.0	46.5	53.0	60.0	66.5
400/400HD	9.0	13.0	18.0	22.0	27.0	31.0	35.0	40.0	44.0

Note: The chart is based on a 30°F (16.6°C) temperature rise, discounting losses and only based on heat required to raise temperature in minutes. Two-year limited warranty. See warranty for details.



# MASTERTEMP® HIGH PERFORMANCE HEATER



## WHY MASTERTEMP HEATERS ARE THE "GREENEST" CHOICE

### AN ECO SELECT® BRAND PRODUCT

MasterTemp heaters offer best-in-class energy efficiency. Plus, they are certified for low NO<sub>x</sub> emissions, making them eco-friendly favorites. That's why the MasterTemp heater is an Eco Select brand product.

The Eco Select brand identifies our "greenest" and most efficient equipment choices. These products save energy, conserve water, eliminate noise, or otherwise contribute to a more environmentally responsible equipment system.

As the global leader in pool and spa equipment manufacturing, we strive to provide greener choices to our customers. We hope you'll join us in embracing more eco-friendly poolscape by choosing Eco Select branded products for your swimming pool.



### BEST-IN-CLASS ENERGY EFFICIENCY

- High efficiency\*\* rating makes these heaters extremely economical to operate. If your pool heater is more than 5 years old, chances are a MasterTemp heater could quickly pay for itself in utility bill savings.
- Optimized fuel/air mix provides superior efficiency and faster heat up.

### CERTIFIED FOR LOW NO<sub>x</sub> EMISSIONS

- In fact, our heaters outperform current industry standards for air pollution exhaust.

### SUPER-QUIET OPERATION

### BUILT TO LAST LONGER

- Tough composite exterior won't corrode; stands up to both heat and weather.

\*\*Standard and ASME Copper Heat Exchangers 84% efficient. Heavy-Duty (HD) Cupro-Nickel Heat Exchangers 82% efficient.

AVAILABLE FROM:



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ULTRATEMP®



# ULTRATEMP® HIGH PERFORMANCE HEAT PUMP

Simply the most economical way to heat your pool and spa



[pentairpool.com](http://pentairpool.com)



# BEST IN CLASS PERFORMANCE AND EFFICIENCY. ENVIRONMENTALLY SUPERIOR. MORE STANDARD FEATURES THAN ANY OTHER.

With today's record energy costs, there's never been a better time to invest in a heat pump. Compared to gas, oil or electric heaters, UltraTemp® High Performance Heat Pumps use just a fraction of the energy to generate the same amount of heat. In fact, just 20¢ worth of electricity produces \$1.00 worth of heat generated by other methods. That means more comfortable water temperatures and longer swimming seasons for you and your family.

Why should you choose an UltraTemp heat pump? That's easy. It offers the longest list of standard features available.

- The UltraTemp heat pump provides an AutoSet™ Temperature Control feature as standard. It monitors water temperature and turns the pump on and off as needed, overriding the time clock to maintain desired temperature. It's the ultimate in convenient, hands-free comfort control.
- The UltraTemp heat pump features the legendary Emerson® Copeland Scroll® Compressor that's more efficient, durable, reliable and quieter than any piston-driven compressor\*. It's the best of the best.
- Pentair heat pumps have been using the EPA-recognized, environmentally safe, non-ozone depleting R-410A refrigerant for nearly 10 years. This has allowed the UltraTemp heat pump to be awarded the Eco Select® Brand for environmental responsibility.
- 100% titanium heat exchanger assures corrosion-free performance for extra long life and value.
- LCD control board displays an intuitive, menu-driven readout with easy to follow, full word messages—no codes to memorize.
- Self-diagnostic software continuously monitors system for peak performance.
- Thermostatic Expansion Valve (TXV) controls refrigerant flow for optimum efficiency and BTU output over a wider operating temperature range.
- Automatic defrost feature senses refrigerant temperature and helps prevent the UltraTemp heat pump from freezing, allowing the unit to operate effectively at even lower temperatures than many competing products.
- Perfect companion to IntelliTouch® or EasyTouch® Control Systems—all heat pump instructions and displays can be transferred to a centralized control system that manages all your pool/spa operations and poolscape features.
- ETL listing is your assurance of safer, dependable operation.
- BTU and efficiency independently certified by the Air Conditioning, Heating, and Refrigeration Institute (AHRI). The AHRI Certified mark is applied only to HVACR equipment and components that have been independently tested to certify that manufacturers' performance claims are accurate.
- 10-year compressor parts and labor warranty and lifetime warranty on the titanium heat exchanger. See limited warranty for details.

Clearly, a heat pump is the best choice for pool heating. Also clear is the best-in-class performance and value of the fully-featured UltraTemp heat pump. Contact your pool professional today to learn which model is right for your pool.

\*UltraTemp 3 phase heat pump models 460937 and 460967 are equipped with a Danfoss® Compressor.



The UltraTemp heat pump has earned the Eco Select brand, indicating it is one of our "greenest" and most efficient equipment choices.



# AUTOMATIC HEATING/COOLING FEATURE!

Pentair H/C model heat pumps are equipped to automatically heat or cool your pool water based on temperatures you set. Select the AUTO mode and the intelligent thermostat will automatically command the heat pump to heat or cool the water to your selected temperature

Note: Pentair is a member of the Air Conditioning, Heating and Refrigeration Institute (AHRI).

Digital controls with dual thermostats offer precise temperature control for pool/spa combinations and avoid overheating and energy waste

Self-diagnostic controls monitor and troubleshoot heat pump operations to ensure safer, dependable operation

Long-life, corrosion-resistant composite cabinet retains a like-new appearance for years

2" plumbing connections for easy installation



## COMPARING THE COST TO HEAT YOUR POOL AND SPA

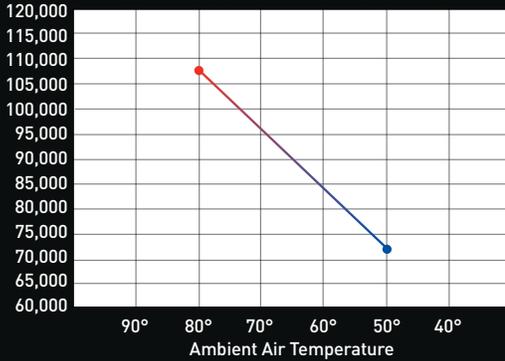
HEATER/FUEL TYPE	EFFICIENCY	COST	BTU/\$1.00
ELECTRIC RESISTANCE HEAT	1	\$0.12/kWh	28,433
LP GAS	0.84	\$2.56/Gal	29,859
OIL	0.75	\$4.04/Gal	25,990
NATURAL GAS	0.84	\$1.06/Therm	79,245
ULTRATEMP HEAT PUMP	5.8	\$0.12/kWh	164,913

This chart illustrates how an UltraTemp heat pump generates 2.75 to 5.8 times more heat for the same cost. Costs are based on national average fuel costs and efficiencies (Source: Federal Register). Please consult your local provider for current pricing.

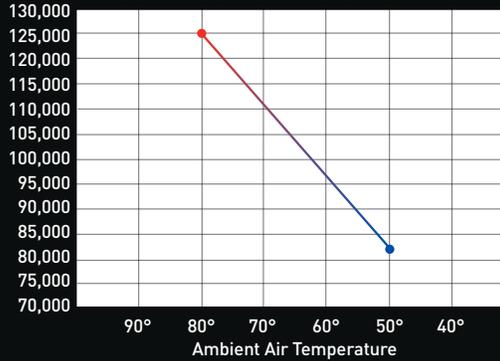


# ULTRATEMP® HIGH PERFORMANCE HEAT PUMP

Heating BTU Rating per Hour UltraTemp 110 Pump



Heating BTU Rating per Hour UltraTemp 120 & 120 R H/C Pump



## ORDERING INFORMATION

Model	Part #	80/80/80* BTU/COP	80/63/80** BTU/COP	50/63/80** BTU/COP	Freq (Hz)	Breaker Size (amp)	Phase	Wire Size	Volt	Carton Wt
<b>ULTRATEMP HEAT PUMPS</b>										
Color: Almond										
70	460930	75,000/5.9	70,000/5.7	50,000/4.1	60	40	1	10	230	230
90	460931	90,000/5.8	84,000/5.5	60,000/4.0	60	50	1	8	230	230
110	460932	108,000/5.8	101,000/5.5	72,000/4.0	60	50	1	8	230	270
120	460933	125,000/5.5	117,000/5.3	82,000/4.0	60	50	1	8	230	270
120 R H/C	460935	125,000 Heat/5.4 71,000 Cool/4.1	117,000/5.2	82,000/4.0	60	50	1	8	230	278
120 C	460937	125,000/5.7	115,000/5.3	81,000/4.0	60	50	3	8	230	280
140	460934	140,000/5.8	132,000/5.5	88,000/4.0	60	50	1	8	230	320
140 H/C	460958	140,000 Heat/5.7 80,000 Cool/4.1	132,000/5.4	85,000/4.0	60	50	1	8	230	320
140C	460928	140,000/5.8	132,000/5.5	87,000/4.0	60	50	3	8	230	320
Color: Black										
70 BLK	460960	75,000/5.9	70,000/5.7	50,000/4.1	60	40	1	10	230	230
90 BLK	460961	90,000/5.8	84,000/5.5	60,000/4.0	60	50	1	8	230	230
110 BLK	460962	108,000/5.8	101,000/5.5	72,000/4.0	60	50	1	8	230	270
120 BLK	460963	125,000/5.5	117,000/5.3	82,000/4.0	60	50	1	8	230	270
120 R H/C BLK	460965	125,000 Heat/5.4 71,000 Cool/4.1	117,000/5.2	82,000/4.0	60	50	1	8	230	278
120 C BLK	460967	125,000/5.7	115,000/5.3	81,000/4.0	60	50	3	8	230	280
140	460964	140,000/5.8	132,000/5.5	88,000/4.0	60	50	1	8	230	320
140 H/C	460959	140,000 Heat/5.7 80,000 Cool/4.1	132,000/5.4	85,000/4.0	60	50	1	8	230	320
140C	460929	140,000/5.8	132,000/5.5	87,000/4.0	60	50	3	8	230	320

\*Rating outside the scope of ARI Standard 1160 [air temp. F° 1% relative humidity/water temp. F°]

\*\*Rating in accordance with ARI Standard 1160 [air temp. F° 1% relative humidity/water temp. F°]

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**AquaComfort**   
HEAT PUMPS

  
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MORE HEAT. LESS COST.  
THE MOST EFFICIENT & ECONOMICAL  
WAY TO HEAT YOUR POOL



**TRY OUR COST  
SAVINGS CALCULATOR**



**XL SERIES**

The heat pump that works  
when the competition can't

**AquaComfort**   
HEAT PUMPS

**GET FREE HEAT FROM THE OUTDOOR AIR**  
THE POOL HEATING SOLUTION.

**XL SERIES**



**TRY OUR COST  
SAVINGS CALCULATOR**

Join thousands who have made  
the smart choice in pool heating





## | STATE OF THE ART TECHNOLOGY

The AquaComfort XL Series is the result of over 25 years of continued innovation in swimming pool heat pumps. We design, test and manufacture the most efficient, economical heat pumps you can buy. Tens of thousands of pool owners across America get the most pleasure from their pools by heating with an AquaComfort heat pump. No matter where you live, AquaComfort delivers more heat starting at lower temperatures, with virtually no harmful emissions and at less operating cost than any other product available to heat your pool. Your AquaComfort dealer will help you choose the model that's a perfect fit for any size pool.

## | LOW TEMPERATURE PERFORMANCE MEANS 30-40% MORE HEAT WHEN YOU NEED IT MOST

AquaComfort heat pumps start producing heat at 40 degrees when the competition doesn't even turn on until 50 or 55 degrees. You get more heat, much sooner. Our advanced controls allow you to set-it-and-forget-it to maintain your perfect temperature all season long.

## | GOOD FOR THE PLANET

With no combustible by-products, AquaComfort creates clean, efficient heat — and that is better for the environment. When you consider that a typical gas heater emits 15,000 - 20,000 pounds of Co2 annually, AquaComfort is clearly the smart choice for the planet.

## | BUILT BETTER TO LAST LONGER

Engineered to capture more of the free heat from the surrounding air, we've innovated and perfected the science of pool heating. Our Turboguard titanium heat exchanger is virtually immune to damage from unbalanced water chemistry and our fan assembly uses less energy and runs almost silently. It's a precision package that lasts longer and maintains its efficiency year-after-year. Gas heaters lose efficiency every year starting the day they're installed. Lower amperage requirements than the competition - starting at only 20 amps - will save you money on installation too.

## | OPTIFLEX

Do you want quick heat or an extended spa season? Do you already have a gas heater but don't like the big expense of heating with it? Ask your dealer about a custom-designed solution. We call it OptiFlex; you'll call it smart.

[AQUACOMFORT.COM](http://AQUACOMFORT.COM)



# TOTAL COST SAVINGS

Cost per 100,000 BTU input

<b>\$0.50</b>	<b>AquaComfort</b>
<b>NATURAL GAS</b>	<b>\$1.90</b>
<b>PROPANE</b>	<b>\$2.50</b>
<b>ELECTRIC RESISTANCE</b>	<b>\$3.00</b>

**Operates at lower temperatures  
when other heat pumps can't**

Models available for any size pool

**AquaComfort**  
HEAT PUMPS



# HEAT COOL

## EASILY MAINTAIN YOUR IDEAL POOL TEMPERATURE

Having a pool heater really extends your swimming season. And choosing a heat pump pool heater is good for your pocketbook and the environment. But in the heart of summer, water that becomes too hot simply stops being refreshing when you want relief from the heat most. With the advanced technology of The Heat Cool System from AquaComfort you can heat your pool economically when you need to and also cool your pool with the flick-of-a-switch! It's the perfect way to maintain your ideal pool temperature all season long. You'll enjoy your pool more and extend the swimming season dramatically.

## YOU CAN'T DO THIS WITH A GAS HEATER

AUTHORIZED DEALER:



AQUACOMFORT.COM





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INTELLIBRITE® 5G



# INTELLIBRITE® 5G UNDERWATER LED LIGHTS

Brilliant underwater lighting at less than half  
the energy used by competing LED lights



# THE MOST ENERGY-EFFICIENT LIGHTS AVAILABLE



IntelliBrite 5g Pool Light

IntelliBrite 5g Spa Light

IntelliBrite® 5g Color-Changing Underwater LED Lights feature LED technology—the wave of the future in energy efficiency, lifetime value, quality of light and the ability to control it.

With IntelliBrite 5g lights, combinations of individual colored LED lights are mixed and matched to achieve a vibrant spectrum of colors\*. These combinations are power sequenced to illuminate and cycle through colors at varying speeds, and in different sequences of color. With its custom reflector and innovative lens design, the IntelliBrite 5g light is the most efficient underwater LED light available.

- IntelliBrite 5g pool lights provide vivid illumination using less than half the energy of competing LED lights.
- Consuming only 26 watts for pool lights and 18 watts for spa lights, IntelliBrite 5g color-changing LED lights use significantly less energy than traditional incandescent and halogen pool lights.
- Cool running LED lights are durable, solid-state technology with no internal filament to wear out.
- Unlike many LED pool lights, IntelliBrite 5g lights continue to work even when a single LED goes out.
- Set one of 5 predetermined fixed colors to match the mood for the evening...and change as desired.
- Select from 7 popular pre-programmed light shows. Selections include slow scrolls through various color ranges from a mesmerizing and calming routine, to rapid-fire color changes that build energy and excitement for your evening.
- Enjoy the even distribution of light combined with a custom reflector and lens designed to eliminate glare and “hot spots”.

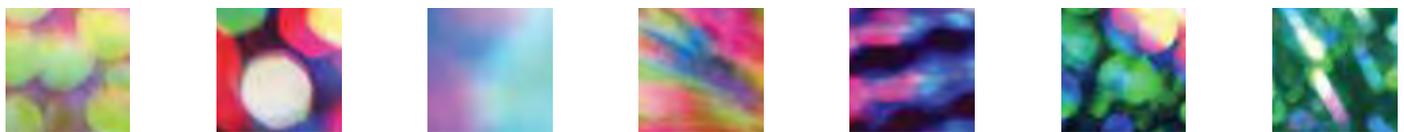
The result is a virtually endless range of dramatic underwater lighting effects at your command. Poolside nights go from great to spectacular.

\*Light intensity and light color may vary from pool to pool depending upon a number of factors including, but not limited to light location, plaster color, pool depth/shape/geometry, overall lighting, etc.

## Fixed color choices



## Standard light choices



**SAm Mode:**  
Cycles through the color spectrum of the SAm® Light

**Party Mode:**  
Rapid color changing builds energy and excitement

**Romance Mode:**  
Slow transition for a mesmerizing and calming routine

**California Sunset Mode:**  
Dramatic transitions of orange, red and magenta tones

**American Mode:**  
Patriotic red, white and blue transition

**Caribbean Mode:**  
Transitions between a variety of blues and greens

**Royal Mode:**  
Cycle that selects only rich, deep tones of color





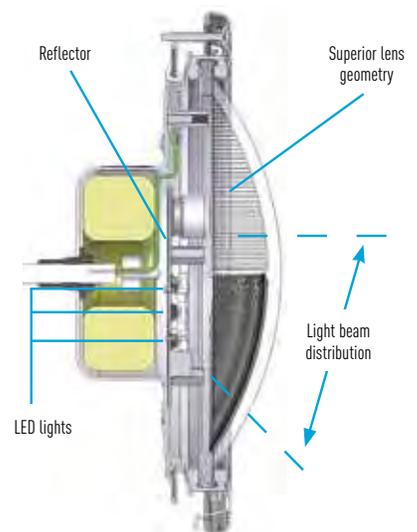
## No other LED light offers the efficiency or freedom of IntelliBrite 5g lights

Pentair engineers have raced past competing LED lights in a number of ways.

- A superior reflector design assures more light is directed toward the pool bottom to further increase intensity and color effects, while minimizing glare.
- The IntelliBrite 5g light's lens geometry provides a choice of a wide angle light position for greater underwater coverage and reflection or a narrow angle light position for increased underwater light intensity and distance.

- IntelliBrite 5g lights work with IntelliTouch® or EasyTouch® Control Systems, the ultimate choices in pool, spa and poolscape equipment automation. In effect, you transfer programming and control of IntelliBrite lights to a central system that controls all your other backyard and pool features.

IntelliBrite 5g lights are clearly the new standard in color-changing underwater lighting creativity and value.



*Drawing shows lens and reflector design which combine to provide superior light beam distribution*



UL listed only when using Pentair niches for use in swimming pools, spas and water fountains



# INTELLIBRITE® 5G UNDERWATER LED LIGHTS



Optional controller provides fast, easy access

The IntelliBrite Controller offers pool and spa owners without an automation system fast, easy switching to their favorite color modes. This accessory was designed exclusively for IntelliBrite color-changing pool and spa lights.

- Synchronizes IntelliBrite pool, spa and landscape lights to create dazzling light shows.
- Illuminated on/off power button for easy nighttime use.
- Convenient Hold and Recall function to lock on favorite color and return to that color instantly with the press of the Recall button.



The most energy efficient white lighting on the market

The IntelliBrite 5g White Underwater LED Light is not only brighter than incandescent lights, it's even more efficient. In addition, its extended service life and energy efficiency can make the savings really add up. The IntelliBrite 5g white light uses only 55 watts to create the same light output as a 500 watt incandescent lightbulb. That's 89% less energy used! To discover how much you could save, go to [www.pentairpool.com/calculators](http://www.pentairpool.com/calculators) and click on our LED Lights Savings Calculator.

An Eco Select® Brand product

As an Eco Select brand product, IntelliBrite 5g pool and spa lights are among the greenest and most efficient choices from Pentair.



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GLOBRITE®

# GLOBRITE® POOL AND SPA LED LIGHTS



[pentairpool.com](http://pentairpool.com)

# THE BEST AND BRIGHTEST...



When you install GloBrite® Pool and Spa Color LED Lighting in a poolscape, poolside evenings go from great to spectacular. GloBrite lights are the creative, cost-effective way to showcase and enhance pool features like baja shelves, steps, beach entries and other water features.

GloBrite lights utilize the industry's most advanced technology for bright, energy-efficient lighting—while using less energy than comparable pool and spa lights.

Don't settle for an ordinary poolscape experience...let GloBrite LED lighting illuminate your water features and make your evening swims and backyard entertainment more beautiful and exhilarating.

## PRODUCT FEATURES:

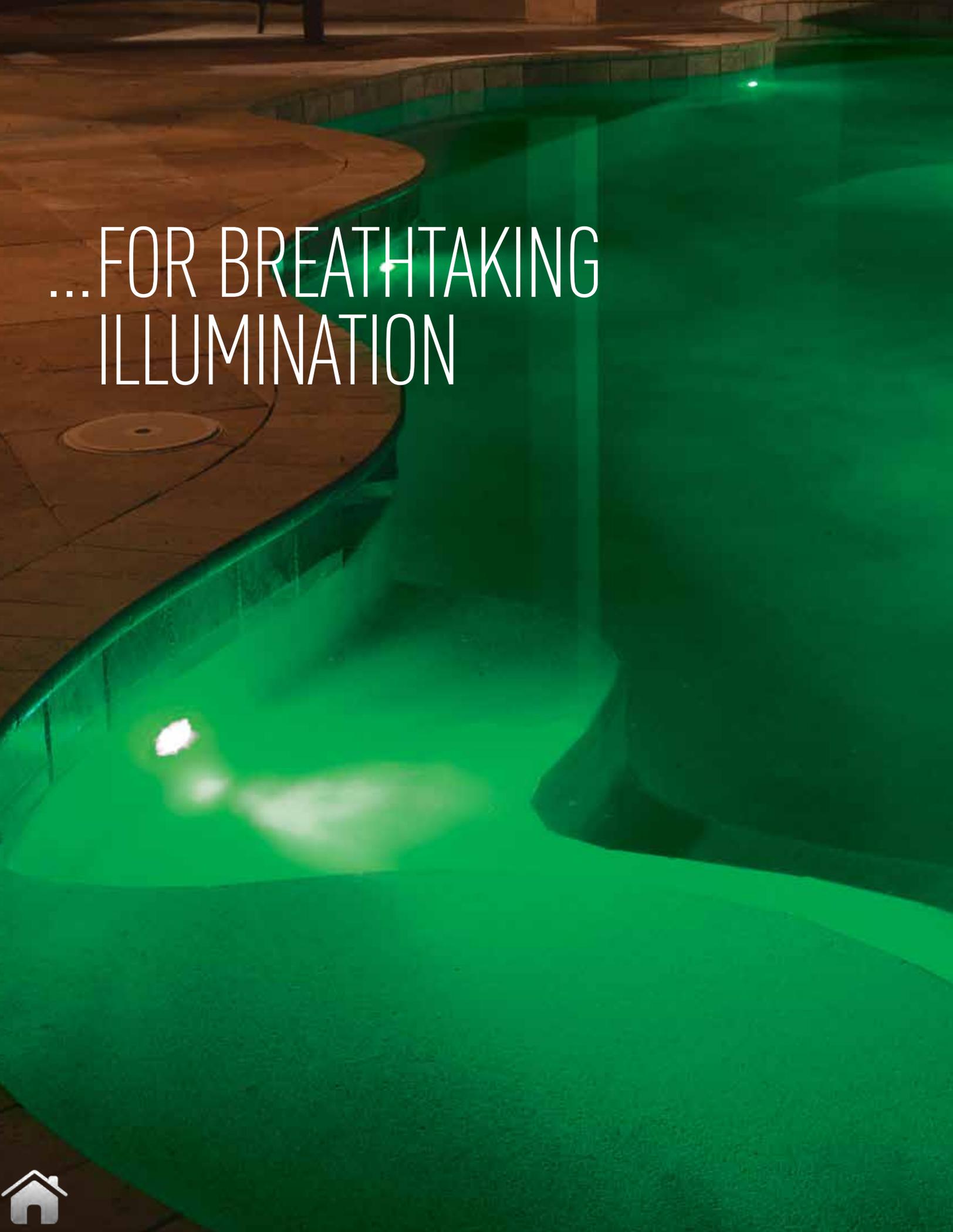
- The brightest and most efficient LED lights available.
- 5 brilliant fixed colors, 7 dazzling pre-programmed light shows.
- The perfect complement to IntelliBrite® 5g Color-changing LED Pool Lighting for dynamic, synchronized colored light shows.
- UL Listed.

For the ultimate in convenience and control, consider an IntelliTouch® or EasyTouch® Control System. You can program and control light shows from home or on the go with our many options, including an indoor control panel, wireless remote, and the optional ScreenLogic® Interface for your PC or Mac® computer, iPhone®, iPad®, or iPod touch® mobile digital device, or Android™ device.

## THE SIMPLICITY OF COMPATIBILITY

The GloBrite light is more than a stand-alone pool and spa LED light. It is fully compatible with our IntelliBrite 5g line of LED pool lights. When used with an optional IntelliBrite Light Controller, pool and spa owners without an automation system can enjoy fast and easy control of their pool lighting.





... FOR BREATHTAKING  
ILLUMINATION



# GLOBRITE® POOL AND SPA LED LIGHTS



## ADD THE MAGIC AND VIBRANCY OF WHITE LED LIGHTING

GloBrite White LED Lights are engineered with the brightest, most efficient LED light technology on the market today. With an array of LEDs, and equivalent 15 watts of incandescent light, GloBrite white LED lights enhance the beauty of water features, pool entries and more. Energy-conscious LED bulbs offer conservative power consumption with powerful illumination. Plus, their extended service life and energy efficiency can make the savings really add up.

### An Eco Select® Brand Product

GloBrite lights have earned the Eco Select brand distinction as one of greenest and most efficient equipment choices from Pentair.



*Concrete, vinyl and fiberglass niches available.*

Contact us to learn more about GloBrite lights.

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RACER™



**INTRODUCING**

# **KREEPY KRAULY® RACER™** PRESSURE-SIDE INGROUND POOL CLEANER



[pentairpool.com](http://pentairpool.com)



Can Clean Your Entire  
Pool up to

30%

Faster Than Other  
Pressure-Side Cleaners

RACER™

NIGHT CRUIZE™ LED LIGHT



# THE CLEANER THAT PUSHES THE LIMITS OF PERFORMANCE AND DESIGN

The Kreepy Krauly® Racer™ Pressure-Side Inground Pool Cleaner puts cleaning into high gear with its sleek styling and aggressive pursuit of dirt and debris. Its sporty and technologically-advanced design earns the Racer cleaner the checkered flag—by cleaning in both forward and reverse modes, it can cover an entire pool up to 30% faster.

Operating the Racer cleaner is quick and simple too, just attach to your dedicated pressure line and watch it go to work.

## A PROFESSIONAL GRADE CLEAN WITHOUT THE HASSLE

As part of Pentair's ever-evolving Kreepy Krauly line, the Racer cleaner delivers high-performance cleaning that dominates the competition. No other cleaner features four venturis for the most powerful cleaning ever. The Racer cleaner delivers nearly 1/3 more cleaning power than other pressure-side cleaners and a 40% larger vacuum intake to tackle debris of all shapes and sizes with ease. The built-in rotating brush makes quick work of hard-to-remove debris and is great for sandy environments and new pool finishes. Its deep cleaning and speedy performance will have you spending less time cleaning and more time enjoying your pool.

## PRODUCT FEATURES:

- Cleans in forward and reverse mode for maximum efficiency and up to 30% faster cleaning.
- Front rotating brush scrubs and scours for a deep and detailed clean.
- Large intake captures debris of all sizes.
- Cleans continuously in forward and reverse modes for complete, uninterrupted coverage.
- Nearly 1/3 more cleaning power for maximum debris removal.
- Ultra-bright LED lights illuminate and enhance nighttime cleaning.
- Quick and easy to maintain—innovative design makes servicing a cinch.



The built-in rotating brush makes quick work of hard-to-remove debris and is great for sandy environments and new pool finishes.



# KREEPY KRAULY® RACER™ PRESSURE-SIDE INGROUND POOL CLEANER

Easy and secure snap-on debris bag with one-button removal

Built-in handle for easy removal from pool

Wide tires for steady traction

Front-rotating brush scrubs and scours for a deep clean

Four venturis for increased cleaning power

## A CLEANER THAT LOOKS AS GOOD AS IT CLEANS

Durable, rugged construction is at the foundation of the Racer cleaner's intelligent design. But it also delivers high-end looks and stylish appeal. Plus, its wide tires and sleek body design allow it to cut through water with superior traction, resulting in maximum efficiency and faster cleaning.

## FEATURING EXCLUSIVE NIGHT CRUIZE™ LED LIGHT TECHNOLOGY

The Racer cleaner is the first automatic pool cleaner with underwater LED lights, adding brilliant lighting to nighttime cleanings. The twin LED lights are powered by its own water turbine—so you'll never have to worry about replacing worn-out batteries. Night Cruise LED lights add ambiance and excitement to your after-dark cleaning experience.



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BOOST-RITE®



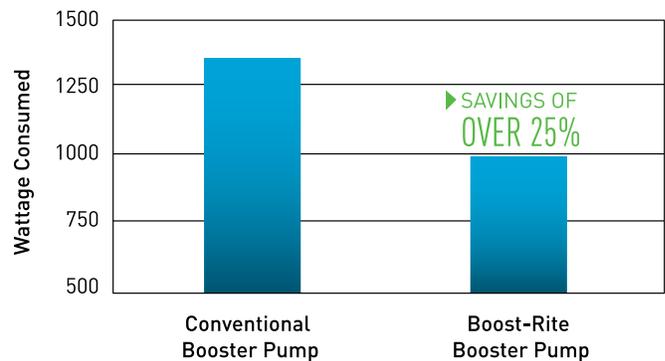
# BOOST-RITE® BOOSTER PUMP

## ADVANCED IMPELLER TECHNOLOGY CUTS PRESSURE-SIDE CLEANING COSTS BY OVER 25%\*

Pressure-side pool cleaning just got a whole lot less expensive thanks to the NEW, eco-friendly Boost-Rite pump from Pentair. This innovative design saves pool owners more than 25%\* in energy costs over other booster pumps on the market. With an advanced 5-stage impeller design, the Boost-Rite pump delivers greater water pressure for more powerful and efficient cleaning...at significantly less cost.

Power up your pressure-side cleaner now with a Boost-Rite pump. You'll save money with every cleaning—and enjoy all the performance your pool cleaner was designed to give you.

## ENERGY USAGE COMPARISON



## AN ECO SELECT® BRAND PRODUCT

The Boost-Rite pump has earned the Eco Select brand distinction as one of the "greenest" and most efficient choices from Pentair. Eco Select products are designed to help you save energy, conserve water, eliminate or reduce noise, or otherwise contribute to a more environmentally responsible equipment system.



\*Actual energy usage may vary based upon plumbing size and length and other hydraulic factors.



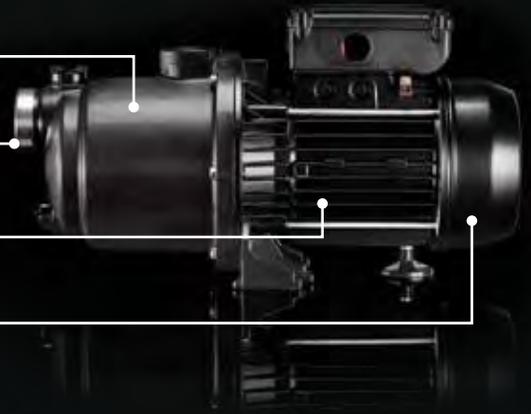
# BOOST-RITE® BOOSTER PUMP

Powerful 5-stage impeller design cuts operating costs by over 25%\*

1" fittings are 75% larger in area, for better flow and greater efficiency

Totally Enclosed Fan Cooled (TEFC) motor design allows the pump to run cooler and quieter

Condensed size is 1/3 smaller than competing pumps, taking up less space on the equipment pad

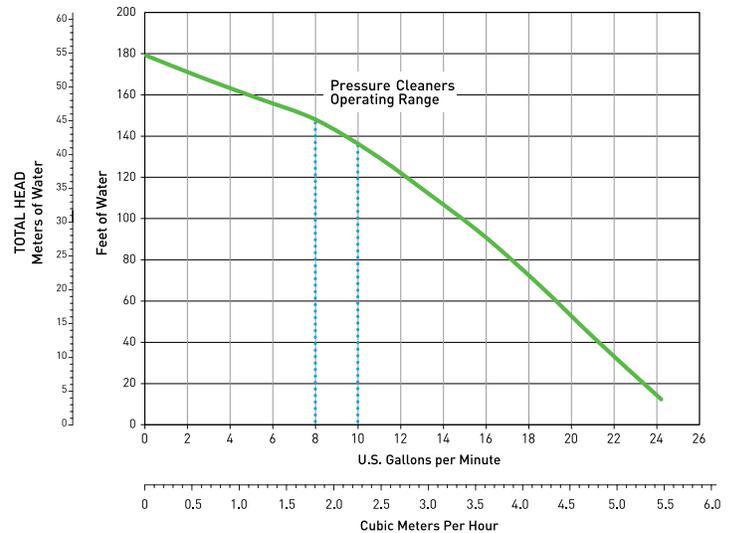


## ENGINEERED FOR SUPERIOR ALL-AROUND PERFORMANCE

The Boost-Rite pump delivers more of what you want—lower energy consumption, top performance, easier installation, quieter operation, and greater durability.

- **Lower energy consumption:** Advanced 5-stage impeller design cuts electricity use by over 25%\*, offering you substantial savings.
- **Easier installation:** 1/3 smaller than other pumps so it's easier to handle and plumb, yet thoughtfully includes a larger wiring compartment for easier access.
- **Quieter operation:** For a more relaxing poolside experience.
- **Greater durability:** Totally Enclosed Fan Cooled (TEFC) motor runs cooler for longer pump life.
- **More power:** The Boost-Rite pump delivers greater water pressure for more powerful cleaning...at less cost.
- **UL and cUL Listed for safety.**

## PERFORMANCE CURVE



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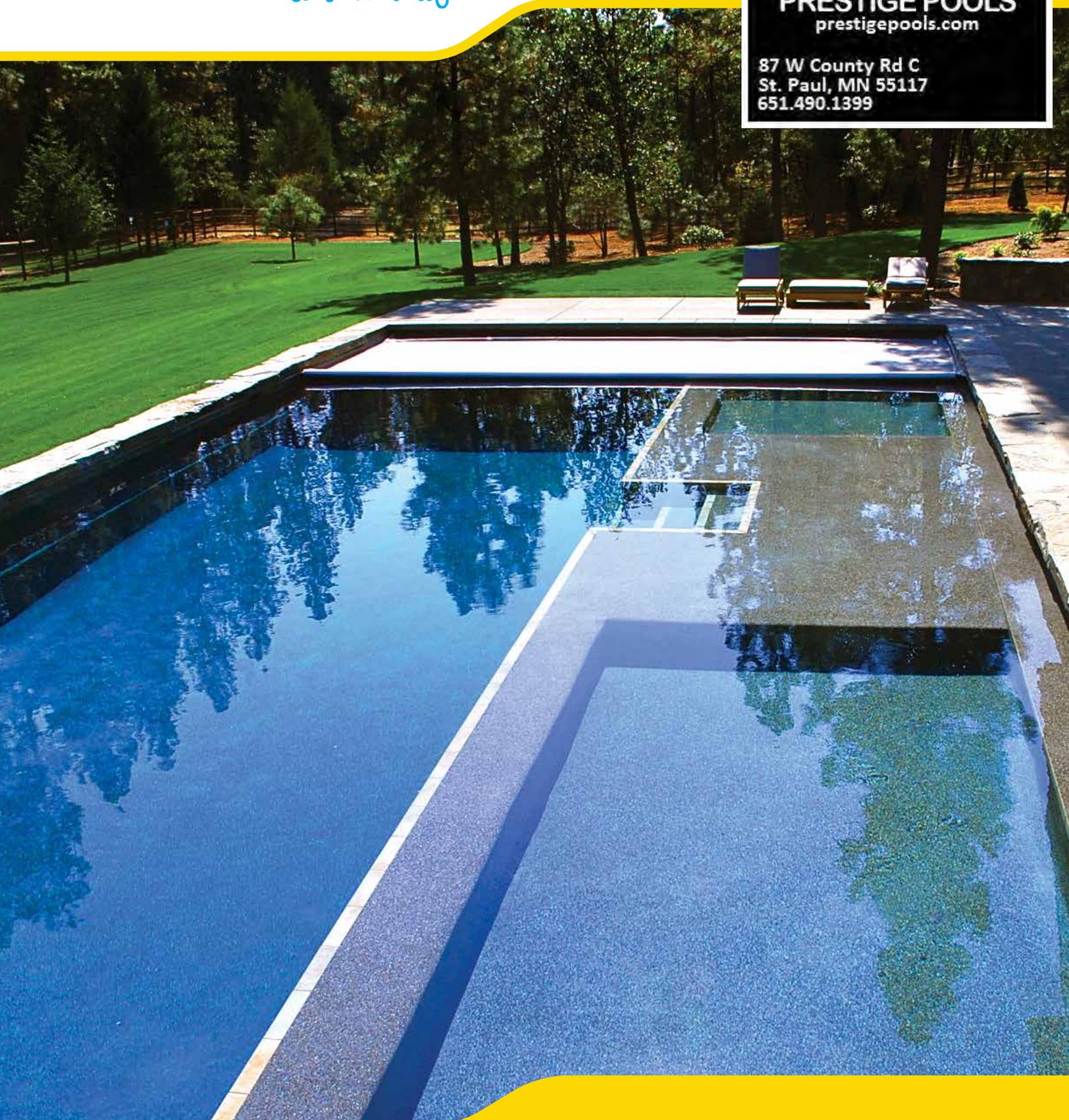


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**COVER POOLS**<sup>®</sup>





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*a better life*

## COVER-POOLS LETS YOU FOCUS ON FUN



If you already have a pool, or if you're planning to build one, remember: a pool without a pool cover is like a house without a roof. A Cover-Pools<sup>®</sup> automatic pool cover is the best way to safeguard loved ones, save money on heating costs and chemicals and protect your investment.

Find out for yourself what delighted pool owners all over the world have already discovered—our automatic pool cover is the finest, safest, and easiest-to-use pool cover you can buy. So, kick back, relax, and enjoy all the benefits of pool ownership. At Cover-Pools, we've got you covered.





Protect your pool and your loved ones.

## WITH A COVER, YOU GET PEACE OF MIND

With a Cover-Pools cover you get peace of mind at the simple turn of a key. In under a minute your pool is easily covered or uncovered. Your Cover-Pools cover acts as a “horizontal fence” for your pool, preventing access by children, pets, and uninvited visitors. And while there’s no substitute for proper supervision, your pool can be protected even when you’re not around. It’s a safety barrier that no pool, new or existing, should be without.



### Maximum Safety

Cover-Pools pool covers are independently certified to exceed the requirements of the American Society for Testing and Materials (ASTM F1346-91), which sets safety standards for pool covers.



Cover-Pools pool covers are UL listed for electrical and ASTM safety standards.



## A POOL COVER SAVES UP TO 70% ON OPERATING COSTS



A Cover-Pools cover extends your swimming season by reducing heat loss.

The U.S. Department of Energy has stated that a cover is the single best way to reduce heat loss on a pool. A covered pool also helps prevent the evaporation of both water and expensive chemicals. It even acts as a passive solar heater by capturing the sun's radiant heat and it extends your swimming season.

At the same time, it keeps dirt and debris out of the pool, reducing cleaning, maintenance costs, and wear on pool equipment. Cover-Pools covers have proven to be a great way of reducing pool expenses throughout the year.





For indoor pools, a cover provides the added benefit of eliminating the need for expensive dehumidification systems.



Spend time swimming, not cleaning.



**Saves energy, adds heat.**

A Cover-Pools cover dramatically reduces heating costs and extends your swimming season by acting as a giant solar collector.



**Saves water and chemicals.**

By reducing evaporation, your Cover-Pools cover cuts water loss and reduces the use of chemicals.



**Saves cleaning.**

Keep dirt, leaves, and debris out by simply keeping your pool covered.



**Saves pool equipment, extends pool life.**

With a covered pool, you keep the heat in and the dirt and debris out. Heaters and other pool equipment work less and last longer.



**Saves money.**

By saving heat, chemicals, cleaning, and extending equipment life, your Cover-Pools cover quickly pays for itself. You can save up to 70% on operating costs—a great return on your investment.

**The Cover-Pools® automatic cover. One cover, four seasons.**

Your Cover-Pools cover is all it takes for year-round pool protection.





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**ANY POOL, ANY SHAPE— COVER-POOLS HAS YOU COVERED**



Vanishing-edge pool

At Cover-Pools, we love a good challenge. So go ahead, bring us your freeform pools, your kidney shapes, spas, L shapes, and anything else you can dream up. If you can build it, we can figure out a way to cover it.

Every pool makes its own unique statement, and Cover-Pools believes design should never be an obstacle to the benefits of a strong and dependable pool cover.



— — — — — unique shapes



Deck-on-deck pool

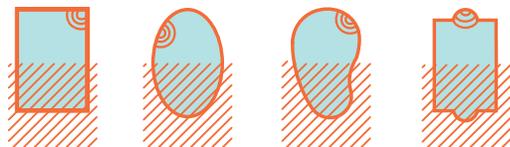


Pool with raised wall and water features



L-shaped pool with two covers

**We can cover your pool no matter what the shape.**



**COVER POOLS®**



## A CUSTOM POOL DESERVES A CUSTOM-DESIGNED SYSTEM



Extreme-cantilever pool with rock features and waterfall

"Our company installs automatic pool covers throughout Arizona. We depend on both the high product quality and business integrity that Cover-Pools is known for. Cover-Pools stands behind its products and by their word. Arizona Pool Covers would not install or recommend covers manufactured by any other company."

Alan and Coni Stiles  
Arizona Pool Covers





Vanishing-edge pool



Deck-on-deck pool



We've been designing custom covers since 1962 and can accommodate almost any pool shape or design feature. As trends develop in pool design, Cover-Pools constantly develops new and more creative ways to cover any pool. From waterfalls and rockwork to vanishing edges and other water features, no challenge is too great.

Our staff of experts work with architects, engineers, and builders, providing them with knowledgeable input to help cover the pool of your dreams.



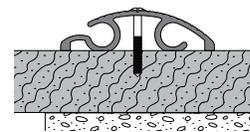
## LET OUR TRACKS GUIDE YOU



### Deck Mount Track Systems

#### Universal track system

Universal track can cover existing pools of virtually any shape or construction. Just give us enough deck room to run the low-profile tracks parallel to one another on opposite sides of the pool and we can put a cover on almost anything.



Standard Universal track

#### SnapTop™ track system

SnapTop track is a two piece track system that conceals the screws from view and creates a smooth, streamlined track surface.



SnapTop track

Universal tracks mount securely to the pool deck and can be painted to coordinate with the deck.



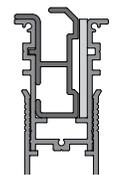


### Recessed track system

Recessed track systems provide a simple solution for covering new or existing pools. Even with an attached spa or steps outside the pool perimeter, the cover can still completely cover the pool.

### NEW! Flush track system

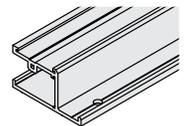
Cover-Pools new Flush Track is a deck-mounted track that is installed flush with deck. The new channel comes with a reduced width, provides debris protection, allows for smoother cover operation and less fabric-wear, and a built-in rope diverter. The snap-in-place stand provides easy height adjustments during installation.



NEW! Flush track

### NEW! Non-Metallic Track Channel

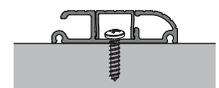
Our non-corrosive track channel is built to withstand the harshest pool environments eliminating costly deck repair due to channel failure. The channel is composed of rigid material that is perfect for salt water pools.



NEW! Non-Metallic Track Channel

### Slim™ track system (manual covers only)

Cover-Pools Slim track is similar to the SnapTop™ track. It provides all the same advantages, but uses a smaller profile. Typically the track is used with Step-Saver® manual pool covers.



Slim track

\*Recessed track is best used for indoor applications. Not ideal for most outdoor applications. For outdoor applications, Cover-Pools recommends frequent scheduled maintenance. Please call for further advice.





## Undermount Track Systems

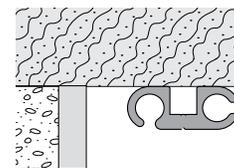
### Underside™ track system

Underside track is a perfect way to fully integrate the cover into the pool and deck. With an Underside track installation, the tracks are concealed beneath the deck. It's the ultimate in smooth, worry-free operation.

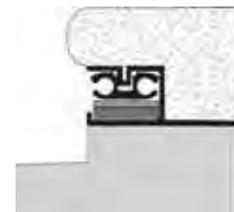
### Underside track and track channel

For freeform pools with Underside track, the channel makes it easy to construct deck-on-deck applications around any vinyl, fiberglass, or concrete pool.

Two channel options available: Standard aluminum track channel or Corr-Resist™ non-metallic track channel.



Underside design allows a variety of deck profiles.



Deck-on-deck with track channel



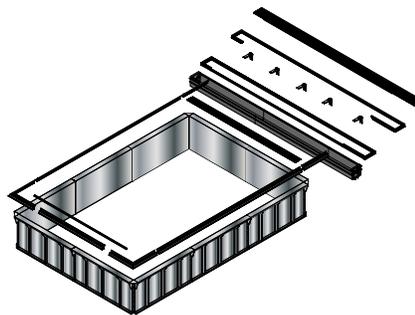


## V-PAK™ KIT

### Cover Kit for Vinyl-Liner Pools

The V-Pak is a complete, easy-to-install cover kit for vinyl-liner pools.

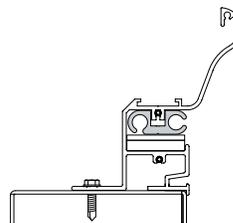
- Cover unit and fabric
- **Flush Mount Lid** that aesthetically covers the recessed housing to create a flat surface
- Coping for three sides
- Two Coping Options- Vinyl-liner coping and Track Channel with vinyl retainer
- **Stainless-Steel** lid bracket
- New UPB deluxe box
- New Beam Cover with vinyl retainer provides protection for the cover fabric
- Square, 45°, 6" or 24" radius corners
- Available in white or gray
- Four standard pool sizes—  
14 x 28, 16 x 32, 18 x 36, 20 x 40



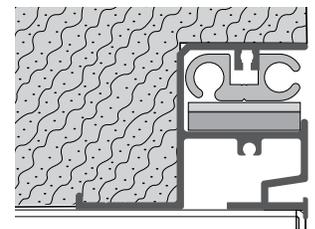
Complete V-Pak Kit



UPB Box



Vinyl-liner coping



Track channel with vinyl retainer



## LIDS AND BENCHES



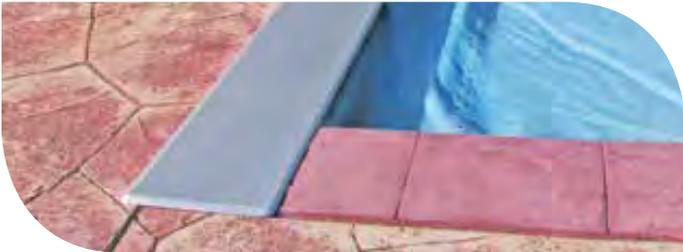
### Aluminum lid

Our standard lid for both Universal track and Underside™ track systems offers an economical way to conceal and protect the mechanism.



### Flush mount lid

Our flush mount lid is a walk-on lid that completely covers a recessed pool cover mechanism while remaining even with the surface of the deck.



### Flat Bezel™ lid

Designed for Underside track systems, the flat Bezel lid gives step-on strength with a more streamlined appearance and beveled edges.



### Tilted Bezel lid / Stepped Bezel lid

The tilted (shown) or stepped Bezel lid for Universal track systems features step-on strength with a narrow tilt or low-profile rise to accommodate the track. It also has beveled edges.



### Vanishing Lid®

The Vanishing Lid provides the most integrated look for concealing the mechanism. Your coordinating deck material hides the mechanism housing and blends into the rest of the deck.



### Extended Vanishing Lid

The extended Vanishing Lid system is designed to allow the cover to retract completely under the lid. This requires the lid system to be 18" to 24" wide.

All aluminum lids can be powder coated to coordinate with your deck. Choose from a selection of standard colors or special-order colors. Please see Powder-Coated Extrusion samples when making color choice. Colors may vary.

Sky White

Autumn White

Almond

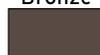
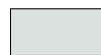
Coffee Tan

Camel

ASA-70 Gray

ASA-61 P Gray

Statuary Bronze





### Deck-mounted mechanism

When the mechanism is mounted on the deck surface, it can be covered simply with fiberglass ends or the Everlast™ bench. The bench kit offers a convenient, durable, and low-maintenance way to cover your mechanism.

You can also create your own bench design with our bench frames and materials supplied locally by your dealer or an independent contractor.

All polymer panels on the Everlast bench come in four different colors to coordinate with your deck. Please see actual polymer samples when making color choice. Colors may vary.



Everlast bench



Fiberglass ends



white



beige



gray



terra cotta

### Recessed mechanism

The mechanism can be discretely housed in a box below the deck surface. This option works best if chosen before construction. However, if there is room to cut into the deck of an existing pool, the mechanism can still be recessed. Cover-Pools offers many lid options for covering the mechanism.



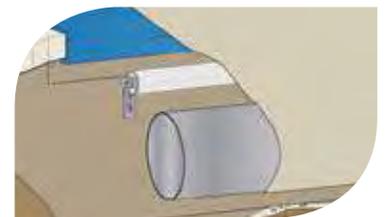
Typical position of leading edge when cover is fully retracted.



Extended Vanishing Lid® allows the leading edge of the retracted cover to be hidden.

### NEW! Easy Roller™

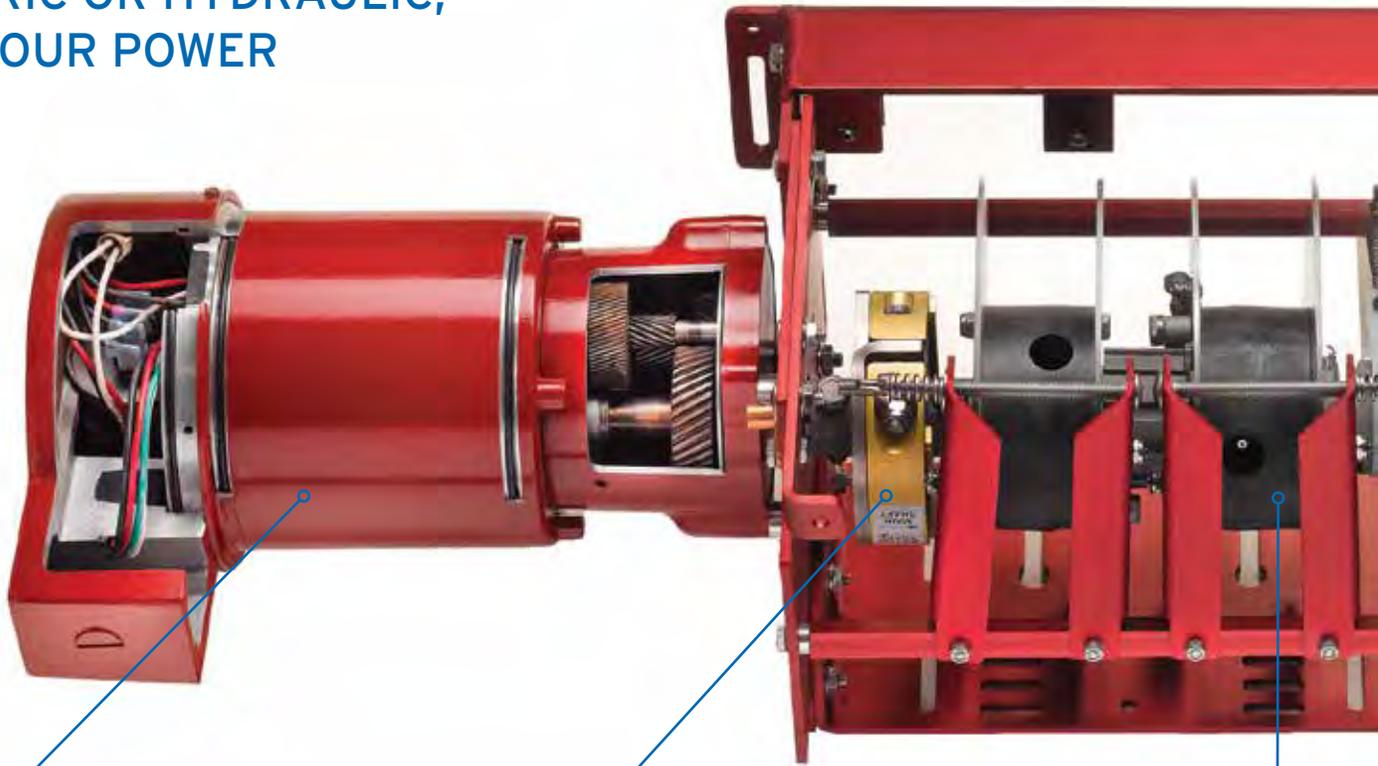
The Easy Roller™ System reduces cover friction and residual water pooling on top of the fabric making for smoother cover operation. By reducing the friction between the cover and the beam edge, the Easy Roller™ allows for less wear on the fabric, while maintaining cover performance.





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a better life

## ELECTRIC OR HYDRAULIC, PICK YOUR POWER



### Motor

- **Exclusive** 3/4 hp waterproof submersible motor
- Twice the available torque of other electric or hydraulic motors on the pool cover market
- O-ring sealed with potted wire entry points
- Hardened-steel gears encased in permanent grease
- UL listed

### Slip Clutch

- Acts as torque-limiting safety device to protect cover and mechanism
- **Exclusive** design with industrial marine-grade brake material
- Designed to last a lifetime
- Electric system comes with your choice of a slip clutch or auto-shutoff

### Corr-Resist™ Rope Reel System

- **Exclusive** EZ-Lock rope reel system for simple cover alignment
- **Exclusive** hybrid rope reel with stainless-steel side plates, designed for quiet operation
- Utilized Corr-Resist technology to prevent corrosion

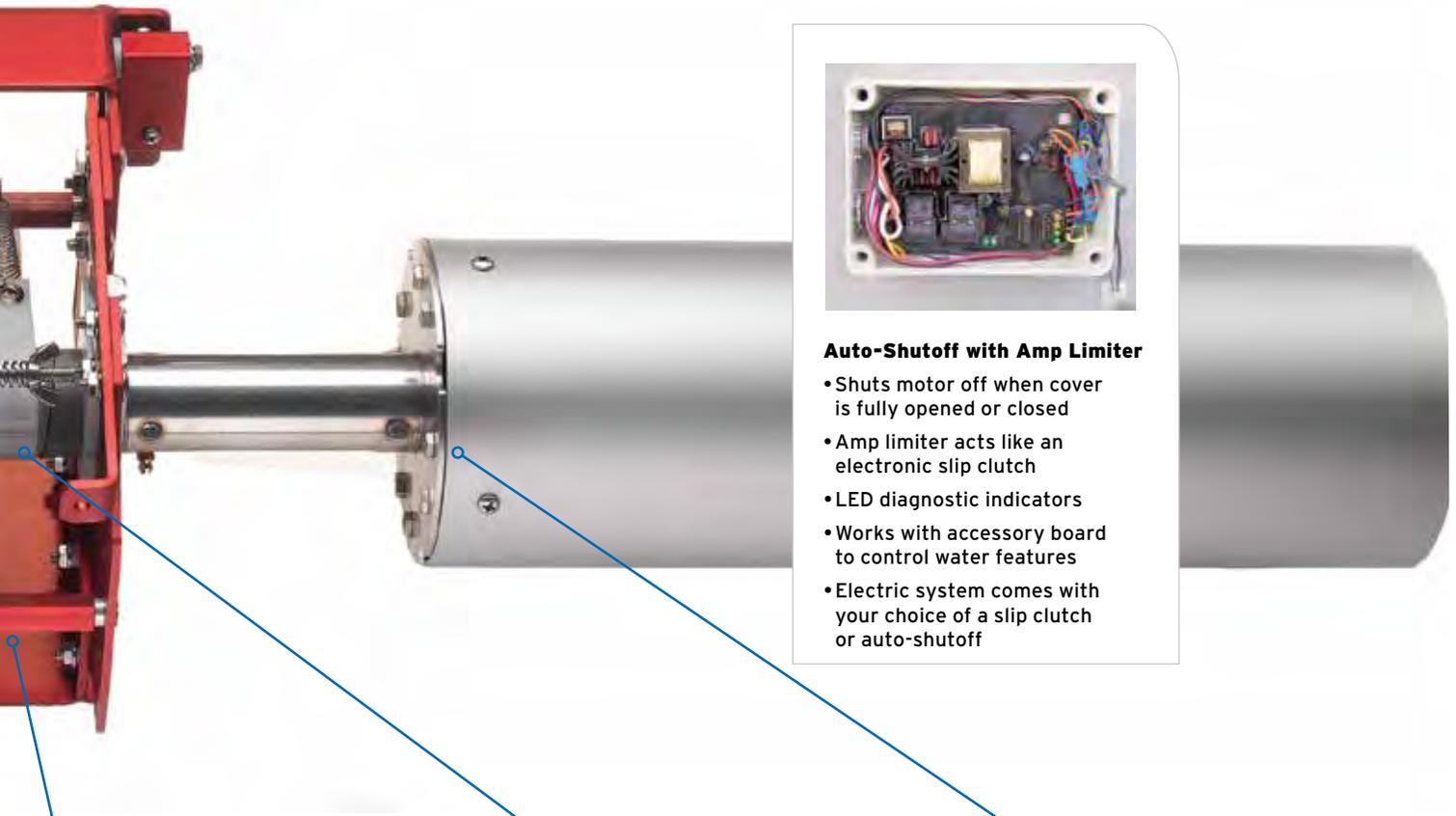
## The driving force

Meet the brawn behind the beauty. The driving force behind every cover system is our state-of-the-art mechanism, proof that nothing but the best goes into every one of our covers. The high-grade stainless-steel and anodized-aluminum mechanism is specifically suited to the pool environment and contributes to smooth operation and overall longevity of the system.

## Cover-Pools electric system

Our standard electric drive system has an advanced 3/4 hp, high-torque, waterproof motor made exclusively for Cover-Pools. Each electric system comes with your choice of a slip clutch or auto-shutoff feature. The slip clutch is designed for adjustable power and releases torque from the motor if the cover meets an obstacle. The auto-shutoff uses advanced circuitry with a backup amp limiter to act as an electronic slip clutch if the cover movement is obstructed.





**Auto-Shutoff with Amp Limiter**

- Shuts motor off when cover is fully opened or closed
- Amp limiter acts like an electronic slip clutch
- LED diagnostic indicators
- Works with accessory board to control water features
- Electric system comes with your choice of a slip clutch or auto-shutoff

**Mechanism**

- **Exclusive** components designed to work with today's mineral sanitizers
- Marine-grade anodized aluminum frame and brackets
- All stainless-steel hardware
- All aluminum components, castings, and extrusions are anodized to prevent corrosion

**Positive Shift System**

- **Exclusive** positive-shift system
- 3/8" solid stainless-steel drive dowel
- Provides complete gear engagement with each use
- Hard-cast stainless-steel gears for strength

**Corr-Resist™ Hybrid End Casting**

- **Exclusive** hybrid end casting with stainless steel and durable polymer parts, to prevent corrosion
- **Exclusive** marine-grade anodized roller drum

**Cover-Pools hydraulic system**

For special site conditions or for those who prefer hydraulics, the Cover-Pools powerful hydraulic system provides more compact components and increased space efficiency. Its sensitive pressure-release system allows for adjustable power and a built-in automatic shutoff. Lower operating pressure provides maximum safety.



## OUR QUAD-CORE™ FABRIC IS ENGINEERED FOR DURABILITY



### Quality in a variety of colors

Cover-Pools exclusive Quad-core fabric is the product of 50 years of research and experience. Reinforced with a strong polyester mesh for strength and tear resistance, this high-performance vinyl-resin formula provides maximum durability in the swimming pool environment.



Choose from standard colors shown above. More colors are available in special-order vinyl. Please see actual fabric sample when making color choice. Colors may vary.

- Material: PVC vinyl, laminated over a reinforced polyester mesh for strength and tear resistance
- Color Match Webbing: Sewn or welded, matching colors available
- Rigorously Tested: The exclusive formula is the product of over 50 years of testing and experience
- Designed for the Pool Environment: UV, mildew, and pool-chemical resistant with superior dimensional stability
- Weight: 18 oz. per square yard
- Thickness: 19 to 23 mil laminated vinyl
- Strength: Exceeds the ASTM F1346-91 minimum standard of 485 lbs. per 3' radius
- Construction: Fabric is attached to webbing and low-stretch rope with double-sewn bonded polyester thread for durability



## The Intelligent Pool Cover

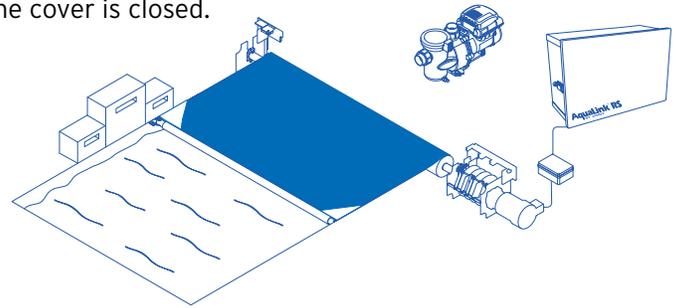
With the Zodiac® iAquaLink™ pool owners can easily control pool features with a smart phone. When the cover is closed, iAquaLink™ will deactivate any water features, limit chlorine output, and reduce pump run time saving up to 50% on energy and chemicals.

By including a Cover-Pools Interface Board with their purchase of a Zodiac® AquaLink control system, pool owners gain the following functionality:

- The One Touch controller and iAquaLink show whether the pool cover is open, closed, or partially open.
- The salt chlorine production levels automatically adjust when the cover is opened or closed.
- Water features, booster pump cleaners and pool lights will automatically shut off when the cover is closed.
- The filter pump run time will automatically decrease when the cover is closed.

This increased functionality will **automatically**:

- Save energy and operating costs.
- Lengthen the life of the salt cell.
- Avoid over chlorination of one's pool.
- Save water, protect the cover, and give pool owners extra peace of mind.



## Automation

Operating the automatic cover is as easy as turning a key or pressing a button. For safety, the cover stops as soon as the control is released. Press the button and the cover glides across the pool in under a minute. You can even coordinate water features, lights and other accessories to work with your automatic system.

### CoverLink™ digital control

The code-accessed digital control system allows you to program up to four codes to create convenient and secure access to the system. With the wireless version, you have endless options for mounting the touch pad within view of the pool.



### Key switch

Turn the key to cover or uncover the pool. To maintain a secure system, simply remove the key after you've covered the pool.



### Auto-shutoff control with optional accessory board

The auto-shutoff control stops the cover automatically when it is fully opened or closed. The accessory board controls operation of water features, fiber optics, alarms, etc., in conjunction with opening and closing the cover.

### Automatic water-removal pump

Cover-Pools systems use an automatic pump (required for ASTM safety standards) to conveniently remove standing water that may accumulate on top of the cover as a result of rain, sprinklers or cleaning. The pump automatically turns itself on when water is present and shuts off once the water has been removed.





**ZODIAC®**  
a better life



### Step-Saver® manual reel cover

The Step-Saver is an economical alternative to the automatic cover, offering the same benefits at about half the price. It's a manual cover that's convenient enough for daily use since there are no bothersome straps, no sandbags, and no anchors.

To cover the pool, hold the rope attached to the leading edge and pull the cover across the pool. To uncover the pool, turn the crank handle. Most manual covers require two-person operation, but in some instances, one person can operate the Step-Saver system.



### Original turn handle

Our standard turn-handle system makes removal of the pool cover on a standard-sized pool a less strenuous task than "anchor" type covers.



### Power Wheel™ (optional)

The Power Wheel option facilitates cover removal by letting you use both leg and arm muscles to uncover the pool. This option also allows operation from inside a recessed housing.

### Upgrade to an automatic system

The Step-Saver system uses the same track, fabric and other components as the automatic system, except without a motor. This means that you can easily upgrade to an automatic system by adding a Save-T automatic power package later if desired.

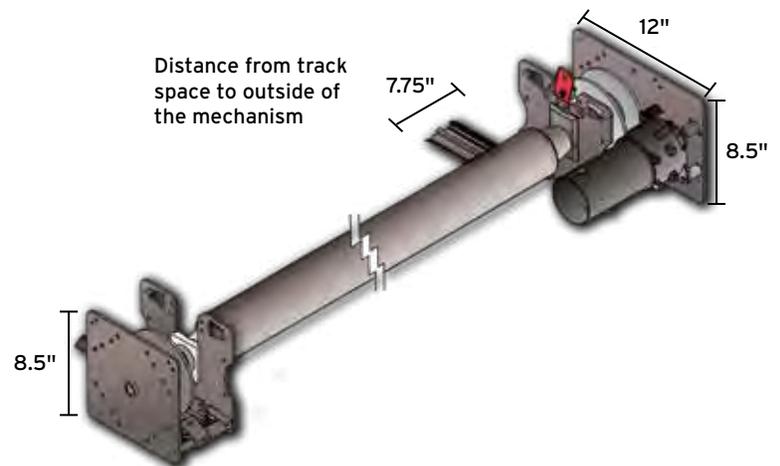




## Autosave™ spa cover

The Autosave spa and swim spa cover offers the same safety and energy-saving benefits as a full-size automatic pool cover with a more compact mechanical system. Designed for space-restricted installations, the Autosave safety cover can be used on new and existing spas, swim spas, and small pools.

- The compact motor and mechanism reduce the space required for an automatic cover system
- Can be used for in-ground and above-ground spas, swim spas, and small pools
- Convenient access and security at the touch of a button
- Motor pulls less than two amps
- Smaller width Everlast™ bench available



## DESIGNED TO PERFORM IN ALL POOLS – SALT WATER POOLS INCLUDED

### Corr-Resist™

Cover-Pools recognizes that a swimming pool environment can often be harsh on a pool's components. Chlorine and other chemicals, and more recently the popularity of salt water pools have combined to challenge manufacturers to re-engineer their products. Accordingly, Cover-Pools has introduced its Corr-Resist line of products. We anodize our roller drum. We provide hybrid end hubs and rope reels which use both stainless steel and polymers to reduce corrosion. This level of protection is accomplished without any of the problems associated with introducing zinc anodes into the pool.

### Mechanism Brackets

- All stainless-steel drive components
- Marine-grade anodized aluminum components

### Corr-Resist End Hub

- End hub with stainless-steel and durable polymer parts prevent corrosion
- High-density polymer tube mounts break the corrosive path between dissimilar metals

### Corr-Resist Track Channel

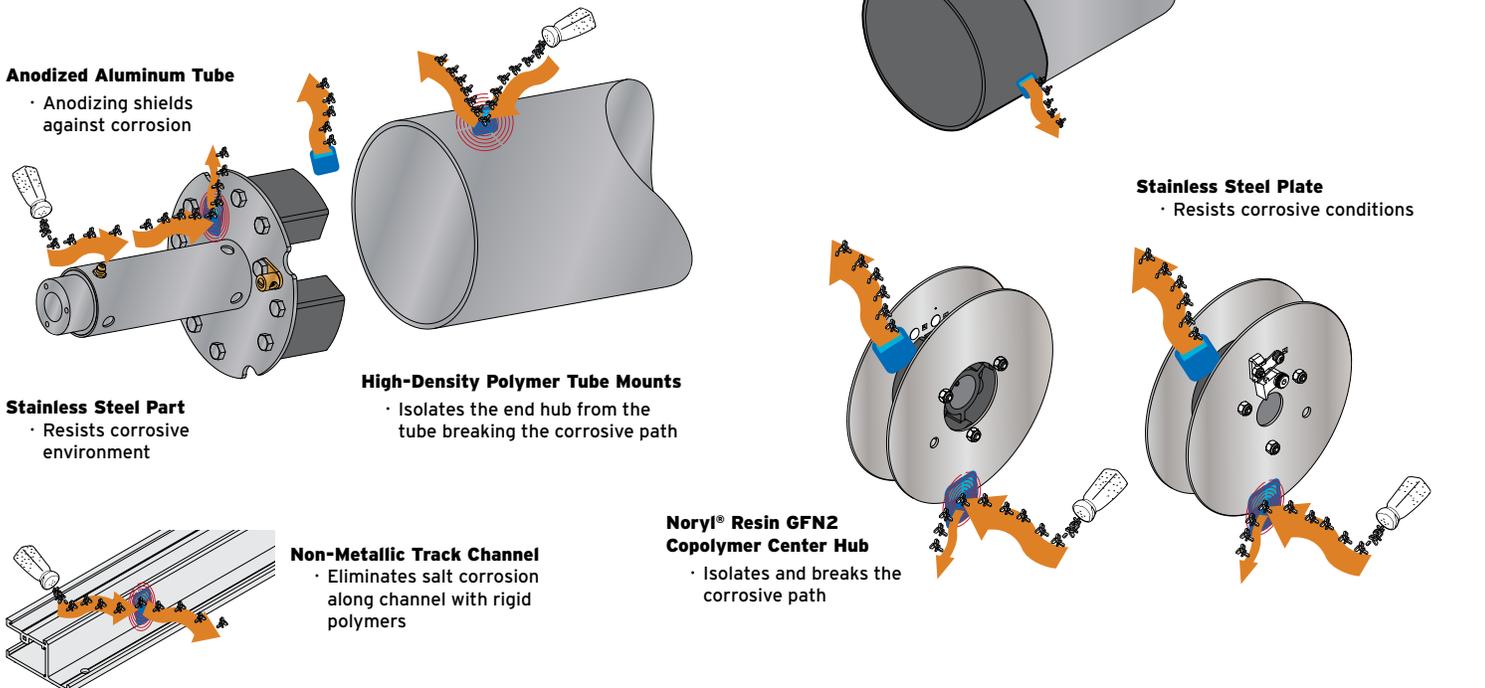
- Durable, non-metallic track channel composed of rigid polymer material with UV absorbers
- Eliminates all salt corrosion protecting one of the most fundamental parts of the cover system

### Marine-Grade Anodized Aluminum Tube

- Anodized tube creates an armored shield against corrosion
- **Coated tube end upgrade-** additional polyurethane coating that encases the tube ends with a protective shield

### Rope Reel System

- Noryl® copolymer center hub isolates and breaks the corrosive path
- High-grade stainless-steel rope reel plates resist corrosive conditions



## WHAT MAKES COVER-POOLS THE WORLD'S FINEST POOL COVER COMPANY?

### **The most experienced automatic pool cover company in the world**

When our founder, Joe Lamb, invented and patented the automatic pool cover, he also launched a new industry. Since 1962, Cover-Pools has created over 125,000 safer pools around the world.

### **The most options for customization**

Every pool is special. That's why we make your cover system to your custom specifications. Cover-Pools offers a wealth of options to blend your cover system into your outdoor living area. This means that you choose the right combination of safety, convenience, value, and beauty.

### **The most experienced and extensive network of dealers**

With knowledgeable dealers in fifty states and over fifty countries, Cover-Pools covers the world. Cover-Pools holds annual APSP-accredited seminars for intensive dealer training and also provides in-field dealer support.

### **The most time-proven warranties in the industry**

At Cover-Pools, we believe that the best warranties are backed by the most reliable companies. We have fifty years of experience to support our warranties. You can stand on our reputation.®

### **The most responsive customer-service team in the industry**

Our customers constantly tell us that it's the people of Cover-Pools that make their experience so wonderful. When you call Cover-Pools, you reach a live person to provide you with knowledgeable solutions. Every employee at Cover-Pools contributes to customer service—from the production staff to the president, you know you're in capable hands.

### **The most innovative engineering team**

To our design team, it's the little things that make Cover-Pools systems so reliable. Always on the leading edge of innovation, our engineers use the latest technology to ensure you receive The World's Finest Pool Cover.



All illustrations and specifications contained in this brochure are based on the latest product information available at the time of printing. Cover-Pools reserves the right to make changes at any time without notice, in colors, materials, equipment, specifications, and models.

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For additional information, call **1-800-447-2838**  
or visit our photo gallery and website at  
[www.coverpools.com](http://www.coverpools.com)

## COVER POOLS®

Cover-Pools Incorporated  
66 East 3335 South, Salt Lake City, Utah 84115  
801-484-2724 phone • 801-484-2763 fax

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The Cover-Pools brand is part of the Zodiac® family of brands.

# COVER POOLS®





# ZODIAC®

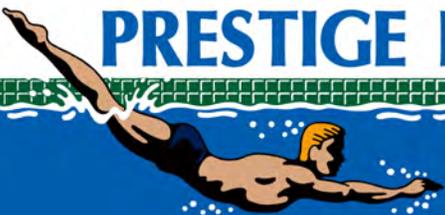
*a better life*



## COVER POOLS®

Your Cover-Pools dealer/distributor is:

### PRESTIGE POOLS



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

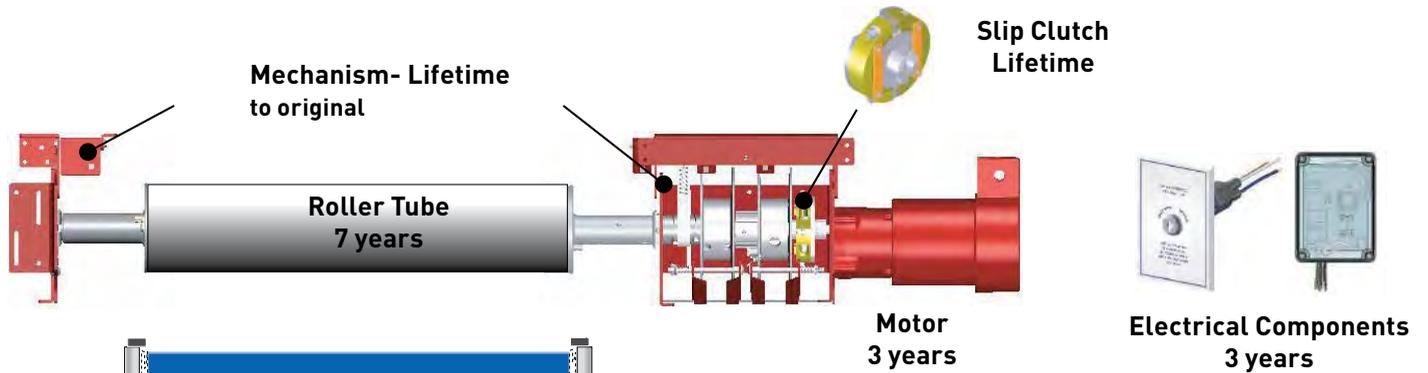
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#800034 Rel-0015



# WARRANTIES

Warranty covers manufactured defects only



**Tracks**  
7 years

**Pump**  
2 years

**Fabric**  
7 years\*

**Leading Edge**  
7 years

## 7 year fabric warranty\*

- 7 year warranty- Lid Assembly, Tracks, Leading Edge, Roller Tube, Fabric
- 3 year warranty- Motor, Electrical, and Components
- Lifetime Warranty- Slip Clutch, Mechanism
- 2 year warranty- Cover-Pump

\* 7 year fabric warranty is as follows:  
First 2 years is full warranty and 3-7 years are prorated.



# E&ES Pool Series

Ultraviolet Water Sanitation and Chloramine Reduction

# Delta UV

Ultraviolet Solutions

*Safer for you. Better for the environment*



**PRESTIGE POOLS**  
prestigepools.com  
87 W County Rd C  
St. Paul, MN 55117  
651.490.1399



## FOR A CLEANER, HEALTHIER POOL ENVIRONMENT

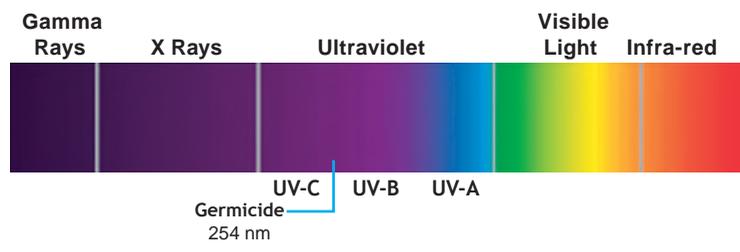
- Drastically reduces chemical use
- Destroys micro-organisms that chlorine and salt systems can't
- No nasty chlorine smell
- No more red eyes, dry skin or damaged hair
- Easier pool maintenance, simple, reliable
- Prolongs pool life – won't erode pool surface or equipment
- Environmentally friendly
- Compatible with all types of coatings and filters
- A treatment that can be automated with an existing chlorinator

### The UV Concept

The sun emits invisible light - ultraviolet light. Through leading edge technology, this natural phenomenon is reproduced inside the sanitizers of the Delta UV product range using powerful UV-C ray lamps. At 254 nanometers, the optimum wavelength for destroying micro-organisms (viruses, bacteria, algae, yeast, mold, etc.), Delta UV-C rays penetrate and disrupt their DNA, permanently deactivating germ cell metabolism so they cannot reproduce.

## Engineered and Designed Specifically for Residential Pool Water Maintenance

Offer an incomparable and safer pool experience for your family and friends - silky smooth, odorless and salt-free.



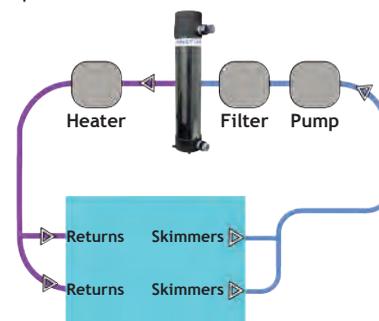
# E&ES Pool Series

Ultraviolet Water Sanitation and Chloramine Reduction

	DELTA UV	Chlorine and Derivatives	Salt Systems	Ozone	CuAg Ionizer
<b>Health &amp; Safety:</b>					
99.9% Crypto and Giardia inactivation	YES	NO	NO	NO	NO
Generates DBP's, THM's, and HAA's	NO	YES	YES	YES	YES
<b>Water Quality:</b>					
Performance influenced by weather or climate	NO	YES	YES	YES	YES
Water clarity	YES	YES	YES	YES	YES
<b>Operation and Maintenance:</b>					
Monitoring, settings, adjustments required	NO	YES	YES	YES	YES
Risk of overtreating	NO	YES	YES	YES	YES
Corrodes / stains pond surface and equipment	NO	YES	YES	YES	YES

## SAVINGS TO YOU

- Drastically reduce the costs associated with chemical use
- Minimal ongoing expenditure (lamp replacement expected every 3 years for seasonal pools)
- Easy and quick installation and maintenance



## SIMPLICITY AND HEALTH

The effectiveness of type C ultraviolet rays as a means of sanitization has been known for more than a century. It has been used in various applications such as for drinking water purification, aquaculture, fish farming, and in hospitals and the pharmaceutical industry. After filtration, water circulates through the Delta UV Sanitizer for complete disinfection - bacteria, viruses and algae are completely deactivated without side effects or dangerous by-products. This process results in the cleanest and purest water possible for your pool, and drastically reduces your need for chemical products. As it is not possible to build a pool where 100% of the water passes through a filter, you will still need to maintain a small residual of chemicals in your pool in order to destroy any micro-organisms that do not find their way into the UV sanitizer.

## Ultraviolet Disinfection E&ES RANGE SPECIFICATIONS

E&ES UV model	Max. Flow Rate GPM	Max. Flow Rate m <sup>3</sup> /h	Performance in millijoules per cm <sup>2</sup> at actual recommended flow rates	Pressure max.	UV lamp Power	Diameter of reactor	Total height	Inlet/Outlet diameter PVC union
E&ES 5	31	7	30mJ/cm <sup>2</sup>	40 psi - 3 bars	1 x 35W	8" - 203 mm	17 <sup>3</sup> / <sub>4</sub> " - 450,8 mm	2" - 63 mm
E&ES 10	46	13	30mJ/cm <sup>2</sup>	40 psi - 3 bars	1 x 45W	8" - 203 mm	24" - 625 mm	2" - 63 mm
E&ES 15	57	15	30mJ/cm <sup>2</sup>	40 psi - 3 bars	1 x 55W	8" - 203 mm	27 <sup>1</sup> / <sub>2</sub> " - 698,5 mm	2" - 63 mm
E&ES 20	80	18	30mJ/cm <sup>2</sup>	40 psi - 3 bars	1 x 90W	8" - 203 mm	38 <sup>3</sup> / <sub>4</sub> " - 987 mm	2" - 63 mm
E&ES 40	110	25	30mJ/cm <sup>2</sup>	40 psi - 3 bars	1 x 110W	8" - 203 mm	46" - 1168 mm	2" - 63 mm

Note: Model upsizing can be utilized for maximum sanitation.

For more information about DELTA UV sanitizing units and for the name of your nearest dealer, contact DELTA toll free at 1-866-889-8765 or 1-310-323-6400 or online at info@deltauv.com.

## E&ES PRODUCT LINE SPECIFICATIONS

- Power Input: 120/240V/50/60hz
- Housing: E Series-special 8" PVC Plastic  
ES Series-special 8" PVC Plastic with Stainless Steel Wrapper
- Ballast: Electronic
- Lamp: High Output – Low Pressure (16,000 hrs.)
- Dry Fire Protection: Yes
- Pressure Gauge: Yes
- Indoor/Outdoor Installation: Yes
- Limited Warranty: 2 Years (1 year bulb)
- Plumbing options : 2" PVC Unions

## YOUR DEALER:

**PRESTIGE POOLS**  
prestigepools.com  
87 W County Rd C  
St. Paul, MN 55117  
651.490.1399

EPA Registered  
#075659-CA-001



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

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## Active Base

*Active Base - Spring Feature is Derived from Base*

- Durable and Long Lasting Acrylic and Fiberglass Construction with Composite Springs to Resist Rust
- Available for Use with 6' and 8' Boards
- Available in White, Tan and Gray
- Fits Existing Jig Pattern for Steel Techni-Spring Base (and comparable competitor base) for Easy Replacement
- Jig is 12" On Center
- Weight Limit = 300 lbs.

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- 6'5" High (77.5") at the Seating Area
- Available in White, Blue, Tan & Gray
- Durable, Long Lasting Acrylic Construction
- Available in Right or Left Turn
- Grip-Around™ Handrail for Safe Climbing
- Fully Enclosed Steps
- Zoom Flume™ Water Delivery System
- Stainless Steel Rails & Legs
- Optional Powder Coated Rails & Legs
- Weight Limit = 250 lbs.
- Easy Assembly & Installation

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# Basketballset



  
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- Available for On Deck OR In Deck Installation Applications
- Removable Stainless Steel Posts *(In Deck Installation Only)*
- Support Posts Can Be Powder Coated to Coordinate With Custom Pool Rails
- Plastic OR Bronze Anchors Available With Matching Anchor Socket Covers *(In Deck Installation Only)*
- Impact Resistant Plastic Backboard
- Also Includes: Rim, Net, Ball, Pump, Needle & Plastic Escutcheons

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# volleyballset



  
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- Available for On Deck OR In Deck Installation Applications
- Removable Stainless Steel Posts *(In Deck Installation Only)*
- Support Posts Can Be Powder Coated to Coordinate With Custom Pool Rails

- Plastic OR Bronze Anchors Available With Matching Anchor Socket Covers *(In Deck Installation Only)*
- Durable, Tournament Quality Net
- Also Includes: Ball, Pump, Needle & Plastic Escutcheons

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