

Eco
DUALLY™



The **Most Powerful** Water Flow System in the Hot Tub Industry.

HYBRID



With more than 10 years in development, the next generation in pump flow systems is here. The revolutionary Dually™ Pump in Cal Spas line of eco-friendly hybrid spas is designed to manage performance demands of a 36-jet spa system with only one pump.

One Dually™ pump is equivalent to a two pump system, producing an incredible water flow of 280 gallons per minute on high speed, meeting your hydrotherapy needs more efficiently.

The Dually™ pump system also efficiently circulates freshly filtered and heated water throughout the entire spa using 50% less energy when compared to a conventional two pump system.

Additionally, by reducing the number of pumps in a spa, the entire spa experience is naturally much quieter allowing for a more relaxed environment.

Dually™ Pump vs. Conventional Two Pump Systems

A **HYBRID** Approach to Energy Conservation & Performance

Dually™ Performance Specifications

- 240 Volt
- 56 Frame Motor
- 280 GPM High Speed
- 12 amps High Speed
- 120 GPM Low Speed
- 2.9 amps Low Speed
- 48 lbs. Overall Weight
- Reduced noise reduction (10 db)

Two Pump System Specifications

- 240 Volt
- 48 Frame Motor
- 160 GPM x 2 = 320 GPM High Speed
- 8 amps x 2 = 16 amps High Speed
- 66 GPM x 1 Low Speed
- 2.6 amps x 1 Low Speed
- 27 lbs each
- 20 db (2 pumps @ 10 db each)

The overall design of the Dually™ spa pump was engineered with energy conservation in mind. The technology behind the Dually™ incorporates larger magnets, windings, and an internal cooling fan which all work together to generate enough torque to maintain higher levels of thrust to efficiently circulate and filter water on any spa up to 36 jets at 280 gallons per minute. The larger cooling fan keeps the motor cool ensuring reliable performance and longevity. Hot tubs with over 30 jets traditionally require two spa pumps which have higher electrical requirements resulting in greater electrical costs. A single Dually™ is capable of replacing a two pump system, reducing overall energy consumption by 50% and saving you money on operating and maintenance costs.

Additionally, the Dually™, when on LOW speed, is powerful enough to maintain water flow throughout the entire spa passing water through 100% of its jets, creating enough friction to generate residual heat reducing the number of times the spa heater activates.

Whereas, a two pump system would require both pumps on HIGH speed consuming nearly twice the power of a Dually™ system.

REDUCED CHEMICAL USE



Bio-Clean™ Antimicrobial Filter

Our Eco-friendly Bio-Clean™ Antimicrobial Filter utilizes a special bacteria-fighting agent that is molded into the fabric. This unique protectant prevents harmful microbes and bacteria from reproducing. Microorganisms such as bacteria, mold and mildew can cause stains, odors and product deterioration. With a Bio-Clean™ Filter's antimicrobial protection, microbial reproduction is inhibited throughout the product's useful lifetime and minimizes the need of chemical sanitizers during regular cleaning and maintenance. Additionally, a Bio-Clean™ Antimicrobial Filter is easy to clean and lasts longer (up to 18 months) than regular spa filters and can be reused during the lifetime of the filter by simply rinsing it free of debris.



Pure Cure™ UV Purification System

Ultra violet light has the amazing ability to help treat and purify water. Bacteria, viruses, and select pathogens are vulnerable to specific types of UV light exposure and are killed instantly. Our Pure Cure™ UV System purification system eliminates these microorganisms and requires only a fraction of the contact time required by other disinfection methods resulting in a lower dependency of chemical sanitizers to treat a closed water system. With Pure Cure™, there are no harmful gasses or harsh chemical odors making it the most environmentally friendly way to prevent bacteria build up.



Quiet Clean™ Filtration System

As an added convenience, a Quiet Clean™ Filtration circulation pump has been added to the water management system to ensure the cleanest spa water environment ever without heavily impacting operational costs. The design behind the filtration pump moves 35 gallons of water per minute, pushing every ounce of water through the spa filter in excess of 160 times per day while using less than one amp (0.7 amps) of electricity.

