EFFICIENCY EVOLVED

VGREEN EVO™ VARIABLE SPEED MOTOR

THE POWER BEHIND THE PUMP™

VGREEN EVO™ VARIABLE SPEED MOTOR

The VGreen Evo™ motor is a cost-effective variable speed pool pump motor designed to provide pool owners with maximum savings over traditional single-speed motors. The variable speed design allows the motor to be programmed at the optimal settings for the pool allowing for energy savings. The VGreen Evo motor offers ease of installation as a direct drop-in replacement for pool filter pump applications and allows for a simplified user experience with an easy to program user interface, making it the perfect choice for your next pool installation or motor replacement.

FEATURES

- Dual Voltage 230/115 VAC, with Automatic Voltage Detection
- Freeze Protection
- Sealed Ball Bearings
- Variable Speed Operation (600-3450 RPM)
- TEFC Design
- Rotation: CCWPE
- Single Phase
- 50/60 Hz
- 303 Stainless Steel Shaft
- Class F Insulation
- 50°C Ambient

BENEFITS

- New simplified user interface allows for easier programming and motor setup all with the push of one button
- IPX5 moisture intrusion rating provides enhanced protection against moisture
- Lightweight, compact design, and rotatable mains wiring compartment allow for ease of installation
- Available in both square flange and C-Face mounting configurations to allow for replacement versatility
- UV and rainproof enclosure helps to protect against harsh weather conditions to extend motor life

WHY VARIABLE SPEED

The new VGreen Evo™ motor is driven by advanced variable speed technology to power the most energy efficient and compliant pool pumps in the industry, helping our customers meet or exceed the latest Department of Energy (DOE) regulations. Single-speed pumps typically run at high RPM's around the clock, over-circulating water and wasting precious energy and money. A variable speed pump motor allows users to circulate water at the minimum turnover rate for water quality at a lower RPM, thereby greatly reducing the energy needed to run the pump. The slower circulation rates of a variable speed pump equate to a noticeably quieter motor. Operating at lower speeds also lowers the temperature of the motor, extending the life of the motor. Upgrading to a variable speed motor will lower the cost of pool ownership through energy savings without replacing the pump. These motors run cooler, quieter and last longer. Owning a pool with a variable speed motor is more affordable and better for the environment.

- Energy savings
- Quiet operation
- Improves filtration
- Reduces chemical usage
- Extends motor, filter, and cleaner life
- Lower temperature operation

THP	RPM	VOLTAGE	AMPS	SERVICE FACTOR	FLANGE	VGREEN EVO MOTOR STOCK NUMBER
1.30	600-3450	230/115	8.6/15.6	1.0	Square	**EVQ130**
1.65*	600-3450	230/115	10.5/17.7	1.0	Square	**EVQ165**
2.25*	600-3450	230/115	13.5/17.4	1.0	Square	**EVQ225**
1.30	600-3450	230/115	8.6/15.6	1.0	C-Face	**EVC130**
1.65*	600-3450	230/115	10.5/17.7	1.0	C-Face	**EVC165**
2.25*	600-3450	230/115	13.5/17.4	1.0	C-Face	**EVC225**

*When motor is running at 115VAC the total horsepower is 1.50 THP.

REPLACEMENT VERSATILITY

Available in both square flange and C-Face configurations, the highly versatile VGreen Evo motor can be utilized in pool pump applications up to 2.25 total horsepower. Installation on most pumps, regardless of manufacturer, is as simple as replacing a standard single-speed or two-speed motor. There is no additional wiring or plumbing required, thanks to the VGreen Evo motor's integrated user interface.

SIMPLIFIED USER INTERFACE

The VGreen Evo motor features a simplified user interface to allow for programming flexibility with the push of a single button. The motor offers various pre-programmed variable speed operating schedules, allowing users to best optimize their motor to minimize energy consumption and lower the overall cost of pool ownership, all while maintaining the proper pool environment.

SINGLE BUTTON
USER INTERFACE

Top view of VGreen Evo motor.

THE CENTURY LEGACY

Century motors have a long-standing legacy of exceptionally reliable products. Century prides itself on designing and manufacturing high quality pool and spa motors for installations worldwide. All VGreen Evo™ motors are warranted against defects in materials and workmanship for a period of 18 months from the date of installation or 24 months from the date of manufacture, whichever comes first.

EXTENDED WARRANTY

For more information on the VGreen Evo motor, scan the QR code.

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POOL & HOT TUB ALLIANCE MEMBER

APPLICATION CONSIDERATIONS

The proper selection and application of products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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