



News Release

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FOR IMMEDIATE RELEASE

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Variable-Speed ECM Pump Motor with Integrated Timer Now Available

Tipp City, Ohio—A. O. Smith Electrical Products Company today announced the release of its V-Green™ line of variable speed ECM pool and spa replacement motors equipped with integrated timer.

Featuring three variable run speeds programmable from 600 – 3450 RPM and two adjustable override speeds, the V-Green motor is fully compliant with California Title 20 and Florida HB 849 energy efficiency statutes for replacement pump motor filtration system applications.

V-Green motors can reduce energy consumption by as much as 80 percent over a standard single speed pump motor.

The versatility of the V-Green motor in either the square flange or C-face configurations extends beyond speed, as the motor may be utilized in pump applications ranging from $\frac{3}{4}$ – 2.7 total horsepower (THP).

This latest addition to A. O. Smith's Green Choice® family of energy efficient replacement pump motors incorporates a programmable timer interface with ergonomic selector switch and step-by-step on-screen navigational prompts for faster set-up and programming ease. The integration of motor and timer culminates in a motor design that eliminates the need for a separate timer making the installation of a compliant replacement solution faster and easier for service contractors.

“The V-Green motor design at its core is built on ECM permanent magnet technology, which is recognized within the industry as a superior electromechanical platform capable of maximizing energy efficiency,” stated Howard Richardson, director of pump engineering at A. O. Smith Electrical Products Company.

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“This premium efficiency motor design complemented by an integrated timer developed with ease-of-use in mind gives pools owners an opportunity to take control of their energy consumption in an area that has been notoriously inefficient in the past,” Richardson added.

“The V-Green line of variable speed motors with integrated timers fully addresses the regulatory requirements while offering pool and spa owners a documentable financial benefit as the reduction in energy consumption translates to overall lower cost of ownership and operation,” stated Warren Doney, marketing manager at A. O. Smith Electrical Products Company. “The V-Green® variable speed motor represents the pinnacle of energy efficient replacement pump motor products presently offered by A. O. Smith.”

Key V-Green motor and timer interface features include:

- On- or off-board interface mounting versatility;
- Adjustable freeze protection to automatically turn the pump on to protect against freezing temperatures;
- Auxiliary load circuit with configurable run time (i.e. salt chlorine generator, booster pump, etc.);
- Power factor correction to lower power consumption and increase efficiency;
- Weather-proof timer enclosure protects electronics from the elements and UV radiation;
- Real-time clock with built-in battery backup to protect programming in case of unexpected electrical outage as well as during off season (if applicable);
- Display with LCD backlight and adjustable contrast;
- Adjustable manual high and manual low overrides so user can change motor parameters without having to adjust preferred program settings; and,
- On-screen motor status including mode, time remaining, RPM, and energy efficiency.

To learn more about the new V-Green premium efficiency variable speed replacement motor with integrated timer, visit www.pool-motors.com.

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About A. O. Smith Electrical Products Company

A. O. Smith Electrical Product Company based in Tipp City, Ohio, manufactures a comprehensive line of fractional horsepower A/C and D/C, hermetic, and integral horsepower electric motors used in a wide array of consumer, commercial, and industrial products. For more information, visit www.aosmithmotors.com.