



# News Release

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**FOR IMMEDIATE RELEASE**

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## **Partnership with Jandy® yields high-efficiency, variable speed pump, motor combination**

**Tipp City, Ohio**—In response to new state regulations mandating more efficient pool and spa pumps along with growing consumer interest in energy saving technologies, A. O. Smith and Zodiac Pool Systems, Inc. have partnered to introduce the Jandy® ePump™ variable speed pump.

ePump combines Jandy's premier Stealth™ pump design with a new permanent magnet variable speed motor and electronic control developed by A. O. Smith exclusively for Jandy. The ePump comes in 1.5 and 2.0 horsepower models, suitable for most residential in-ground swimming pool applications.

The permanent magnet brushless DC motor enables ePump to achieve average energy savings of more than \$900 per year by delivering high efficiency at a wide range of speeds.

"This motor maintains its high efficiency over the entire speed range," Christopher Mapes, president of A. O. Smith Electrical Products Company, pointed out. "It offers better utilization of the power input, which for consumers will mean attractive cost savings." The motor is adjustable to any speed between 600 RPM and 3450 RPM and is capable of maintaining constant RPM at those speeds.

When operating at lower speeds, the electronically controlled motor consumes significantly less power than a conventional motor. For example, a homeowner running the motor at a low speed to clean his or her pool will consume approximately ¼ as much power as opposed to a conventional motor.

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A. O. Smith designed the motor and electronics to integrate seamlessly with Jandy's three programmable control system options, the ePump controller, AquaLink® RS OneTouch™ control, and AquaLink RS Wireless PDA device.

The Jandy interface, which controls the motor, electronics and pump, offers eight pre-set speeds that can be custom labeled along with two timers.

This characteristic allows customers to use the ePump in pool applications that do not deliver enough flow to support a traditional pump. "With variable speed, you can customize on-site to get effective flow," Howard Richardson, pump motor product manager for A. O. Smith Electrical Products Company, observed.

For more information on the ePump, go to [www.Jandy.com](http://www.Jandy.com)

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 on the company and its products, go to the web site [www.aosmithmotors.com](http://www.aosmithmotors.com)