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**ebm-papst Inc. to showcase advances
in electronically-commutated (EC) air movers
during AHR Expo 2013**

**Highly efficient fans, motors, blowers and controllers
demonstrate company's GreenTech thinking**

Visit Booth #2967 at the Dallas Convention Center January 28-30

Farmington, Conn. and Dallas, Texas, December X, 2012 – If you're under the gun to shave energy costs and noise levels for your heating, ventilation, refrigeration and climate control systems, [ebm-papst Inc.](http://www.ebmpapst.com) can get you there. Get a jump on today's must-have air movers at the company's exhibit (booth 2967) during [2013 AHR EXPO](#), to be held [January 28-30 at the Dallas Convention Center](#).

Leveraging its GreenTech philosophy—that every new product must be more efficient and environmentally friendly than the one it replaced—ebm-papst Inc. will showcase to AHR Expo 2013's 5000+ attendees its super-efficient fans and drive systems, blowers and remote control devices that feature the latest electronically commutated (EC) technology, including:

- The new [AxiTop diffuser](#) for 800 and 910mm axial fans improves both air performance and reduces noise of ebm-papst's already-impressive axial fans. Applications such as rooftop refrigeration condensers and heat exchangers can benefit from a dramatic noise reduction without sacrificing performance. Come hear the difference for yourself at our booth!
- [ACmaxx and GreenTech EC compact fans for AC power systems](#), which incorporate ebm-papst's GreenTech EC technology to offer energy consumption that's 77 percent lower than conventional AC fans
- [A complete line of energy saving motors](#) specifically designed for supermarket display cases, bottle coolers and vending machine applications. Features such as programmable speed control, simple to use two-speed operation, environmentally-friendly Epylen housings, 0-10VDC speed control and low profile designs are just some of the features in this lineup of axial and centrifugal fans.
- Recipient of the IF International Forum Design award, ebm-papst's [HyBlade® 300-800 mm Premium Axial Fans](#) employ strong, lightweight aluminum and fiberglass-reinforced plastics for aerodynamic performance and energy savings.
- A broad range of [EC Centrifugal Fans](#), up to 39.4 inches (1 meter) in diameter, that feature GreenTech EC external drive motors, direct digital controls and customized coatings for either industrial or hygienic systems.
- [Energy-saving Plenum Fans](#) from 250 to 710 mm diameters

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- Dominating ebm-papst's display will be the world's largest EC axial fan, the [1,250 mm \(49-inch diameter\) W3GZ50](#), an excellent choice for condenser applications. Its direct drive motor and blades produce more than 38,000 CFM. The integrated electronics accepts either a 0-10VDC, 0-100% PWM or 4-20mA input from outside controllers to vary the fan's speed. Using the onboard RS486 Modbus RTU protocol, users can easily adjust the RPM, monitor run hours, check alarm status, read the internal motor temperature and many other operating parameters.
- ebm-papst is also changing the way its fans can be remotely controlled. The company has introduced [version 2.1 of its EC-Control system](#), a PC-based software program that allows HVAC professionals to commission, configure, monitor and adjust their ebmBUS and ebm-papst MODBUS electronically-commutated (EC) fan arrays with Ethernet, USB or Bluetooth connections.

About ebm-papst Inc.

ebm-papst is the world's leading source for engineered air movement products, providing a "total solution" approach and extensive in-house resources.

With its U.S. headquarters in Farmington, Conn. and offices in major cities throughout North America, the company's highly-skilled and experienced team of professionals solve heating, cooling and ventilation challenges for industries and applications including HVAC, refrigeration, gas and heating, household appliances, IT and telecom, industrial, drive systems, automotive and rail technology and more.

ebm-papst's way of doing business offers models for sustainability, efficiency, product innovation, skill development and community involvement. The company's [GreenTech](#) philosophy drives economic and ecological improvement in every product they develop. For more information, contact sales@us.ebmpapst.com or call 860.674.1515.