



**NEWS RELEASE**

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## **GENTEQ® UNVEILS REVOLUTIONARY DEC STAR MOTOR AND BLOWER ASSEMBLY SYSTEM**

*Reduces input wattage by 15 to 35 percent  
compared to standard technology blowers with traditional ECMs*

**Fort Wayne, IN and Cassville, MO** (January 20, 2014) – Genteq®, a division of Regal Beloit, introduces DEC Star, a new motor configuration / blower system that will dramatically improve efficiency for HVAC appliances such as furnaces, fan coil units, packaged units and ground coupled heat pumps.

DEC Star – DEC is short for Dual Efficiency Configuration – is a unique blower system that removes the motor from the blower inlet, eliminating restriction and improving system efficiencies. This technology, paired with Fasco®'s existing High Efficiency Blower (HEB) product, reduces input wattage by 15 to 35 percent over standard blowers with traditional ECM motors.

“The design and innovation in the DEC Star motor are most definitely industry-changing,” says Paul Selking, Genteq’s HVAC industry leader. “This novel electromechanical design and integration deliver unparalleled airflow efficiency. DEC Star’s new design configuration, compactness, lightness and efficiency are truly revolutionary, and will facilitate some exciting advancements for our OEM partners.”

DEC Star includes an axial motor in a blower wheel; this provides uniform airflow, which improves heat transfer, reduces hot spots and reduces pressure drop across the appliance. A shaft-less rotor system allows the impeller to be hub-less.

Benefits of the DEC Star include:

- Improved system calibration
- Reduced finished goods inventory, WIP and labor expenses
- Reduced shipping expenses of multiple parts
- Reduced pallet location in warehouse
- Total unit weight reduction of approximately 6 pounds

DEC Star has a 10-inch wheel diameter and is available with various widths.

DEC Star is built on Genteq’s 30 years of design and manufacturing excellence in ECM products as well as Fasco’s 100 years of blower expertise.

**About Genteq**

Genteq creates innovative, premium comfort and electrical components. Its proven reputation for high quality, highly reliable products and strong customer relationships make it the preferred brand throughout the industry. For more information on Genteq motors and other products, visit [www.thedealertools.com](http://www.thedealertools.com).

**About Regal Beloit**

Regal Beloit (NYSE:RBC) is a leading manufacturer of mechanical and electrical motion control and power generation products serving markets throughout the world. Regal Beloit is headquartered in Beloit, Wis., and has manufacturing, sales, and service facilities throughout the United States, Canada, Mexico, South America, Europe and Asia.

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