Brushless DC Blowers Offered in Range of Sizes

Windjammer® brushless DC blowers offer compact, low-noise, and long-life solutions ideally suited for a wide array of air-moving applications. The extensive standard product line includes low-voltage and high-voltage versions as well as bypass and thru-flow products. Sizes range from 3.0” to 5.7” to accommodate the most demanding design envelopes and application requirements.

Low-voltage Windjammer blowers (3.0”, 3.3”, 4.5”, 5.0”, 5.1”, and 5.7”) for vacuum or pressure applications can deliver variable output pressure up to 98 in. H2O and flows up to 190 CFM, depending on model, and high-voltage versions (5.7”) can provide output pressure up to 169 in. H2O and flows up to 275 CFM.

Windjammer blowers can accept voltage inputs of 12 VDC, 24 VDC, 48 VDC, 72 VDC, 120 VAC or 240 VAC, depending on type, with internal electronics converting line voltage AC input to DC on selected models. Speed can be adjusted internally with an onboard potentiometer or with an external PWM or DC control that actively varies blower performance.

Windjammer blowers benefit users with enhanced service life and virtually maintenance-free operation that is typically associated with brushless DC motor technology. Among available options, designers can specify an integrated IntelliGen™ electronic control drive utilizing a factory-programmed digital signal processor (DSP) and custom option cards. Blowers can further be customized as required.

AMETEK Technical & Industrial Products, Inc. is a unit of AMETEK, Inc., a leading global manufacturer of electronic instruments and electromechanical devices with annualized sales of $3.0 billion. For more information, contact Shannon Booth, AMETEK Technical & Industrial Products, Inc., 627 Lake Street, Kent, OH 44240. Phone: 330-673-3452. Fax: 330-677-3306. Web site: www.ametektechnicalproducts.com [1]

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