



HIGH EFFICIENCY BLOWER (HEB)

TARGETED APPLICATIONS

- HVAC appliances such as furnaces, fan coil units, packaged units, ground coupled heat pumps, etc, up to a max. airflow capacity of 2400 cfm

SPECIFICATIONS

- High efficiency blower (HEB) housing with impeller driven by radial flux BLAC motor
- 9", 10", and 11" diameter wheel with various widths available
- Patented low profile scroll geometry enables this blower to fit in most applications
- Operating speed range of 250 - 1400 rpm depending on the motor
- Variable speed, constant torque, and constant airflow ECM
- 120/240/277 and 120/240 VAC single-phase input, 50/60Hz
- UL & cUL recognized system
- Uses standard or high efficiency impellers
- 6kV surge protection
- ECM Toolbox™ based programming

BENEFITS

- Patented blower housing (HEB) reduces the power consumption from 10% to 30% as compared to standard technology blowers
 - Contributes to meeting regulations including FER/ SEER
 - Optimized discharge flow pattern aids in reducing the full system cost
 - Size consolidation possible
- Noticeable noise level reduction in comparison with traditional blower/motor systems
- HEB design gives blower housing enhanced airflow rate for the given input power versus traditional blowers
- Air Handlers – Blower system reduces velocity head losses and reduces the power consumed by the blower/motor*
- Furnaces – Larger blower discharge size leads to enhanced thermal efficiencies and lower internal pressure losses*
- Complete assembled motorized blower system:
 - Fully calibrated blower system
 - Finished goods inventory, WIP and labor expense reduction
 - Supply chain reduction
 - Minimalized pallet location in warehouse

Regal Rexnord America, Inc.
1946 West Cook Rd
Fort Wayne, IN 46818
Customer Service: 260-416-5400
Fax: 260-416-5499

www.regalrexnord.com

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