

HiELoN FANDECK

TARGETED APPLICATIONS

HVAC appliances such as fan coil units, Air Handling unit, Vertical packaged units, etc, up to a max. airflow capacity of 2800 cfm

SPECIFICATIONS

- High efficiency blower (HEB) housing with impeller driven by radial flux BLDC/EC motor
- 6", 8" and 9" diameter wheel with various widths available
- Patented low profile scroll geometry enables this blower to fit in most applications
- Operating speed range of 250 - 1800 rpm depending on the motor
- Variable speed, constant torque, and constant airflow ECM
- 220/230 and 240 VAC single-phase input, 50/60Hz
- UL & cUL recognized system
- Uses standard or high efficiency impellers

BENEFITS

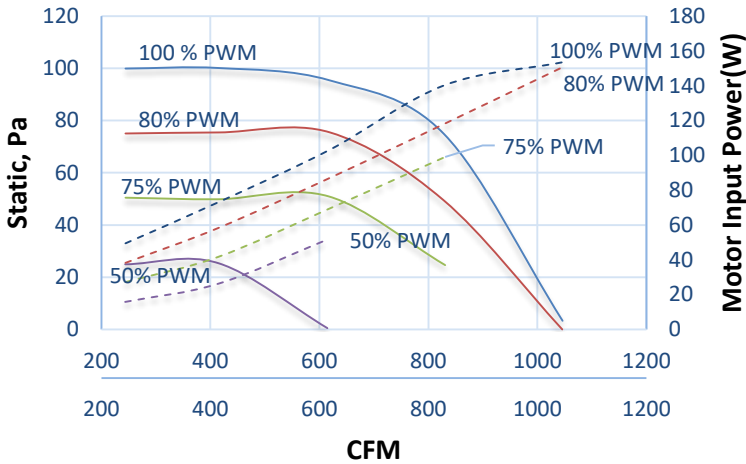
- Patented blower housing (HEB) reduces the power consumption from up to 30% as compared to standard technology blowers
- Contributes to meet regulations measured on EER/ SEER
- Optimized discharge flow pattern aids in reducing the full system cost
- Customized Front Panel
- Noticeable noise level reduction in comparison with traditional blower/motor systems (up to 5 dBA)
- HEB design gives blower housing enhanced airflow rate for the given input power versus traditional blowers
- Fan Coil Units– Blower system reduces velocity head losses and reduces the power consumed by the blower/motor*
- 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

HIGH EFFICIENCY BLOWERS

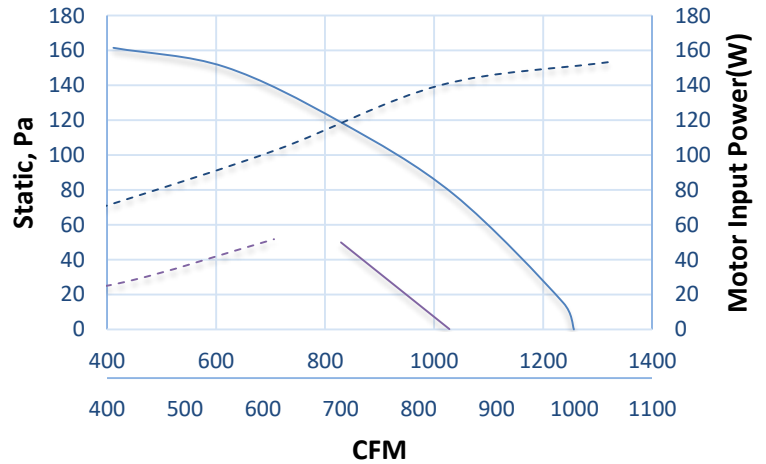
FEATURES

- Standard motor mounts with welded on brackets support the motor
- Heavy duty welded galvanized steel is standard on blower assembly
- Uses standard or high efficiency impellers
- Typically fits same mounting as existing blower
- 6kV surge protection
- ECM Toolbox™ based programming

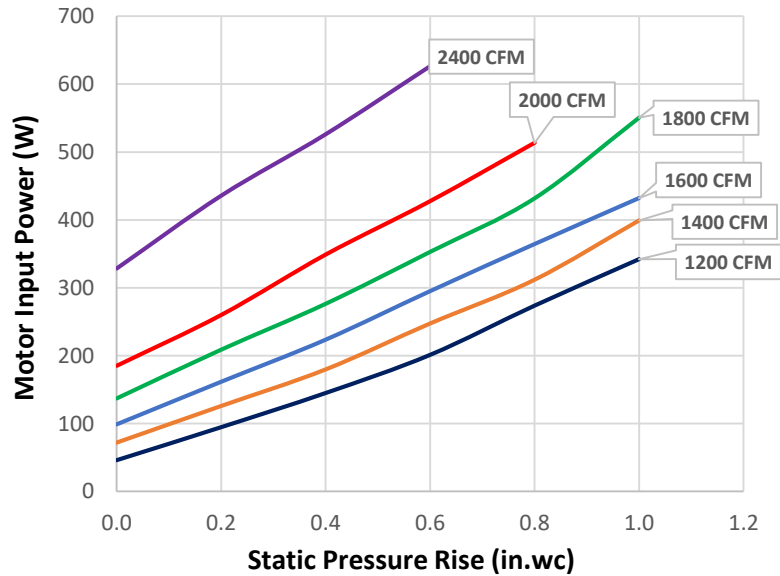
6"x8" SD HIELON Curves



6"x8" PIKA HIELON Curves



8" x 8.5" HiELoN Curves



* Compared to industry standard sized blowers

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