



Spencer Vortex® Regenerative Blowers

Howden



Shown above: Models VB037 and VB003.

Typical applications

- Combustion air
- Vacuum hold down
- Test air
- Soil remediation
- Air cushioning
- Scrap collection
- Wastewater treatment aeration
- Tank agitation
- Air sampling
- Air knives
- De-icing
- Aquaculture aeration
- Food packaging
- Dust collection
- Trim removal
- Pneumatic conveying
- Pneumatic tube transfer
- Powder recovery
- Radon gas elimination
- Drying
- Automatic bottling
- Filling or bagging

With built-in efficiency and versatility, Vortex® blowers from the Spencer product line handle air in nearly any market.

Whether you provide equipment for aeration, air cushioning, conveying, de-icing, drying, high velocity removal, labeling, packaging, vacuum hold down, or other applications, you need a high quality, reliable air source.

The Vortex regenerative blower from Howden is that source.

With quiet operation and reliable, energy-efficient performance, the Vortex blower features a broad range of models capable of handling applications requiring medium pressure and airflow.

Blower capacities are available up to 645 scfm, pressures to 3.9 psig (108" H2O) and vacuum to 7.6" Hg (104" H2O).

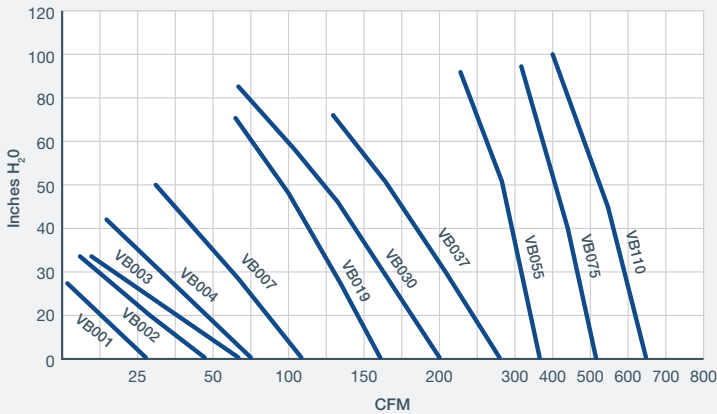
The standard Vortex blower model is equipped with a TEFC 50/60 Hz motor and can accommodate a wide range of worldwide voltages and power supplies.

These low-maintenance blowers feature a compact footprint and provide continuous duty, non-pulsating, oil-free airflow. They are ideal for a broad range of air handling applications.

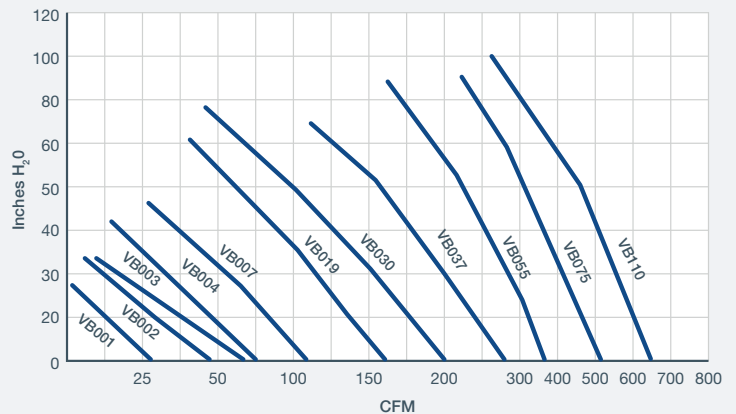


Spencer Vortex® Regenerative Blowers

Pressure Performance at 60 Hz



Vacuum Performance at 60 Hz



Dimensions

Image shown is Model VB037XP with special paint.

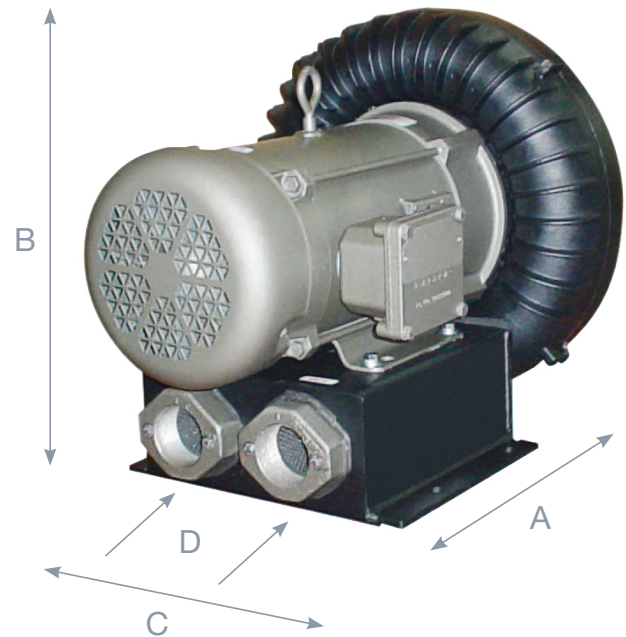
As per the labels on the diagram, the dimensions of our range of regenerative blower models are as follows:

- **A:** 9.00 – 25.50 inches
- **B:** 8.16 – 23.09 inches
- **C:** 7.89 – 22.24 inches
- **D:** 1.00 – 3.00 inches

For more information on the dimensions of a specific model, please ask your sales representative.

Howden may make improvements and dimensional changes to equipment designs based on market trends and requirements.

Vortex® is a registered trademark of Howden.



TEFC Motor Specifications			Noise Level dB (A) at 1.5m (60Hz)	Weight (pounds)
Hp	Phase	Voltage		
1/8 – 15	1, 3	200-230/460, 115/230, 115/208-230, 575	61 – 82	20 – 370

Please Note: Available in 575 volt, phase 3, and explosion proof | Contact Howden for 50 Hz performance information.

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