GPM INC.
SOLUTIONS DRIVEN

Howden Vortex Regenerative Blowers

SALES - SERVICE - SPARE PARTS - PACKAGES - CONSULTING

Howden's Vortex Regenerative Blowers, or commonly known as "side channel" blowers, are made in the USA to ensure the highest quality, performance and availability. Manufactured with over 100 years of air and gas handling experience, each blower is carefully designed, assembled and mechanically tested for optimum efficiency and performance. Available in a variety of voltages and sizes, Howden's compact design and unmatched versatility are the right fit for a variety of industrial, municipal, commercial and institutional applications.

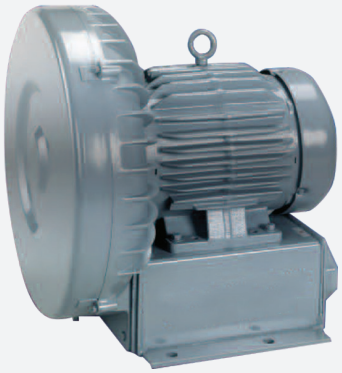
TYPICAL APPLICATIONS

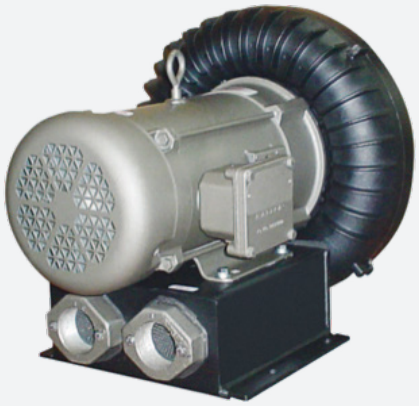
- Agitation
- Air Cushioning
- Pneumatic Conveying
- Soil Remediation
- Scrap Collection
- Dust Collection
- Drying
- Powder Recovery
- Vacuum Hold-down
- Combustion Air
- Aeration
- Trim Removal
- Material Handling
- Stack Sampling
- Air Knives
- Fluidized Bed

Produces Pressure or Vacuum!

HOWDEN VORTEX REGENERATIVE BLOWER ADVANTAGES

- Compact Design for Smaller Footprint
- Oil Free Air Delivery
- Patented Inlet/Discharge Flange for Tube Stub or Threaded Connection
- Low Noise and Heat Production
- Stable Airflow
- No Surging





MSP SALES & SERVICE CENTER

14608 Felton Court, Suite 103, Apple Valley, MN 55124
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Service capabilities for all major brands including Howden Roots, Becker, Dekker, Sutorbilt, CycloBlower, Gardner Denver, Duroflow, Nash, Somarakis, Tuthill and more!

CONTACT GPM

If you're looking to purchase a new blower or vacuum pump or are seeking repairs or preventative maintenance, don't hesitate to reach out to our authorized service and repair center team.

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Selection Tips

WHAT YOU NEED TO CONSIDER…

Here are some questions to consider regarding Vortex Blower selection. Thinking about these issues now will "jump start" the selection process. You might also copy this page and write down your answers before you talk to a GPM Representative. If you don't know every detail, skip over it and discuss it with your representative later.

What is the pressure or vacuum application?

_____

_____

_____

Will the blower use the continuous or the intermittent? ☐ Continuous ☐ Intermittent

What electrical input (volts, phase, Hz) will be used?

_____

What airflow is required, in either the SCFM or ICFM?

_____SCFM (Standard Cubic Foot per Minute; flow based on industry standard 70 degrees F; sea level, 36% relative humidity.

_____ICFM (Inlet Cubic Feet per Minute; flow based on your blowers' actual operating conditions).

What is your pressure or vacuum requirement?

_____ Inches H_2O _____ PSIG _____ Inches Hg (mercury)

What are the inlet temperature and relative humidity?

_____ °Fahrenheit _____ % RH

What is the inlet pressure?

_____ Elevation (feet above sea level) _____ PSIA (atmospheric pressure)

If blower will be used in a closed loop, please indicate:

_____ PSIG or _____ Inches Hg

Do you have any of these special considerations? (Check all that apply)

☐ Noise level restrictions ☐ Discharge air temperature restrictions ☐ Risk from corrosive vapors

What accessory equipment do you need? (Check all that apply)

☐ Inlet or inline filter (suggested) ☐ Relief valve (suggested) ☐ Temporary gauge

☐ Silencer or Filter/Silencer ☐ Pressure gauge ☐ Weather or sound enclosure