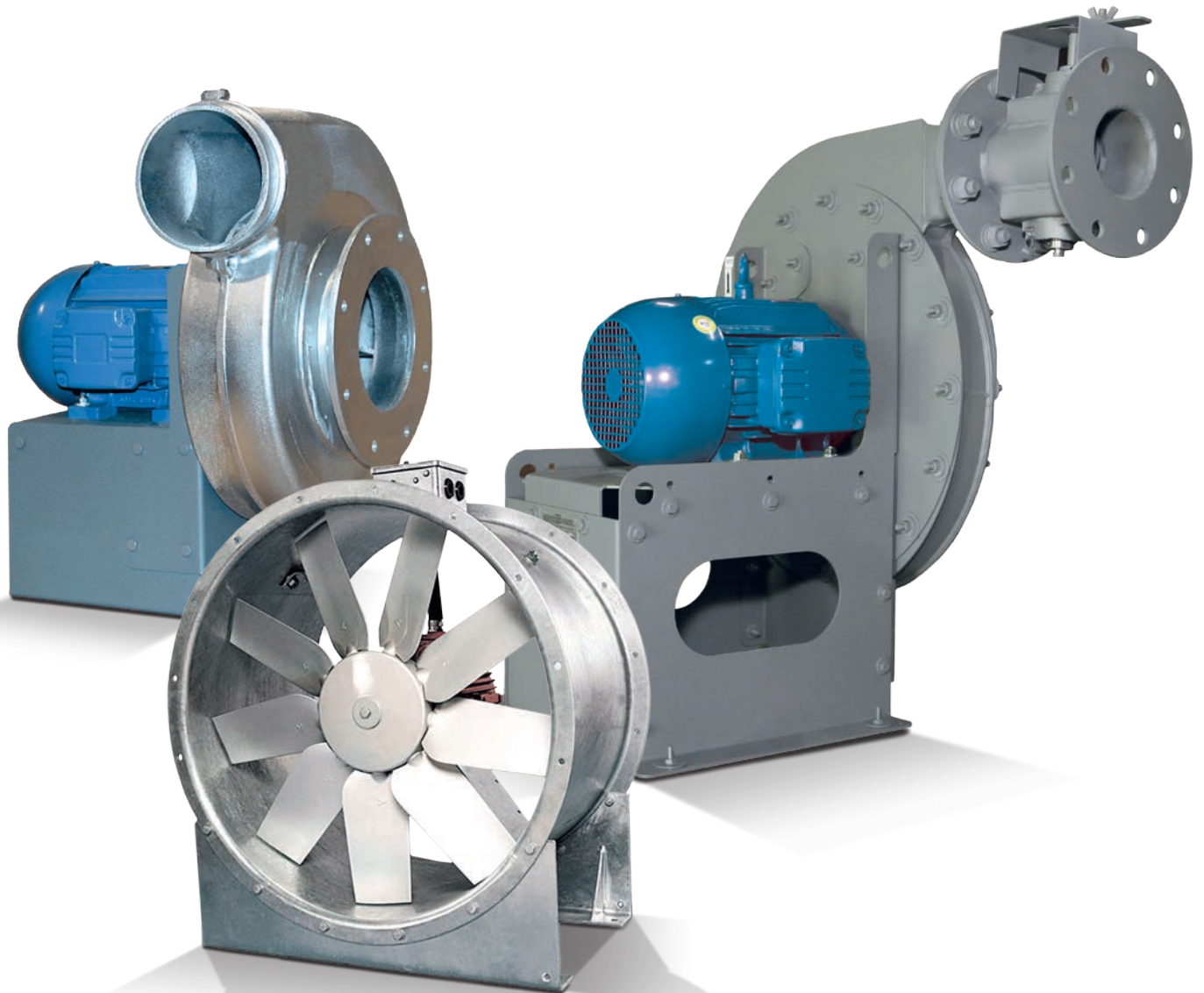


Axial Fans and Centrifugal Blowers

For industrial, process and HVAC applications



Revolving Around You™

Howden excels in configuring and customizing our products to meet a customer's specific application, whether a single unit or OEM serial production.

Howden covers the market segments of industrial, HVAC and navy/DOD, marine and off-shore. We offer a global product catalog, ensuring the right product fit for your application.



Howden is a truly global company, with an established presence in more than 26 countries across every continent. Our network of local support services enables us to respond urgently to customer queries and maintenance requirements, and we understand the importance of local circumstances, from environmental legislation to energy costs.



Every product we deliver is backed by an unequivocal lifetime commitment to spare parts and product support. Replacement parts are made using the original production drawings, so that compatibility and quality are guaranteed. We also offer a full upgrade and enhancement programme that allows customers to take advantage of new developments, or adapt existing equipment to changed conditions.

Revolving Around You™

Pressure and utility blowers

High pressure up to 110" water gauge clean air, particulate and material handling applications.



AF cast aluminum pressure blowers

- Volumes to 3,800 CFM
- Pressures to 20" WG
- Available in direct driven and belt driven configurations
- Wheel types: Backward curved, forward curved and radial blade
- Corrosion and spark resistant aluminum wheels
- Light weight and rugged split cast aluminum field rotatable housings
- Available with fabricated steel wheels and housing as option
- Available in six basic fan sizes.



Turbo pressure blowers

- Volumes to 9,200 CFM
- Pressures to 86" WG
- Available in direct driven and belt driven configurations
- Wheel types: Backward curved and radial blade
- Continuously welded, heavy gauge housings
- Available in eight basic fan sizes.



RB pressure blowers

- Volumes to 12,000 CFM
- Pressures to 110" WG
- Available in direct driven and belt driven configurations
- Radial blade wheels
- Continuously welded, heavy gauge housings
- Available in twenty-five basic fan sizes.



SMB/SMD forward curved utility blowers

- Volumes to 4,800 CFM, Pressures to 3" WG
- Available in belt driven and direct driven configurations
- Wheel type: Forward curved
- Continuously welded, field rotatable housings
- Packaged utility set
- Available in six basic fan sizes.



SC forward curved volume blowers

- Volumes to 1,400 CFM, Pressures to 4" WG
- Available in belt driven and direct driven configurations
- Wheel type: Forward curved
- Light weight and rugged split cast aluminum field rotatable housings
- Available in four basic fan sizes.

Backward-inclined fans

High flow: Up to 100,000 CFM
High temperature: Up to 1000°F
SWSI and DWDI configurations available

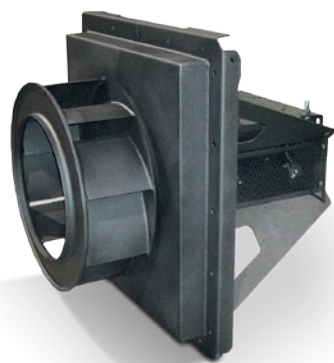
BCA, BCS backward-inclined fans, single width

Volumes to 100,000 CFM
Pressures to 25" WG
AMCA certified for air and sound performance
Available in belt driven and direct driven configurations
Wheel types: Backward curved and airfoil blade
Continuously welded, heavy gauge, field rotatable housings (Rotatable on fan sizes 122 thru 330 only)
Available in eighteen basic fan sizes



QBCA, QBCS backward-inclined fans, square housed

Volumes to 43,000 CFM
Pressures to 17" WG
AMCA certified for air and sound performance
Available in belt driven & direct driven configurations
Wheel types: Backward curved & airfoil blade
Compact continuously welded, heavy gauge, field rotatable square housings (Rotatable to four discharge positions)
Available in fourteen basic fan sizes.



PBCA, PBCS backward-inclined plug fans

Volumes to 90,000 CFM
Pressures to 12" WG
Available in belt driven configuration only
Wheel types: Backward curved & airfoil blade
Continuously welded insulated plug for high or low temperature applications
Available with or without housing, inlet venturi and venturi supports
Available in sixteen basic fan sizes and three standard plug depths.



DBCA, DBCS backward-inclined fans, double width

Volumes to 190,000 CFM
Pressures to 20" WG
Available in belt driven configuration only
Wheel types: Backward curved & airfoil blade
Continuously welded, heavy gauge, field rotatable housings (Rotatable on fan sizes 122 thru 330 only)
Available in sixteen basic fan sizes
Also available in QBCA & QBCS compact square design.

Industrial exhausters

High flow: Up to 40,000 CFM
High pressure: Up to 23" water gauge
Available in twelve basic fan sizes

Volumes to 40,000 CFM
Pressures to 23" WG
Available in belt driven and direct driven configurations
Wheel type: Radial blade
Continuously welded, heavy gauge, field rotatable and reversible housings (Rotatable, reversible on fan sizes 7 thru 21 only)
Air handling or severe duty material handling applications
Available in twelve basic fan sizes



PL plenum fans

High flow: Up to 50,000 CFM
High pressure: Up to 10" water gauge
Available in thirteen basic fan sizes

Volumes to 50,000 CFM
Pressures to 10" WG
Available in belt & direct driven configurations
Wheel type: Backward curved
Welded, heavy gauge, frame
Rugged, easily adjustable motor mount
Available in thirteen basic fan sizes

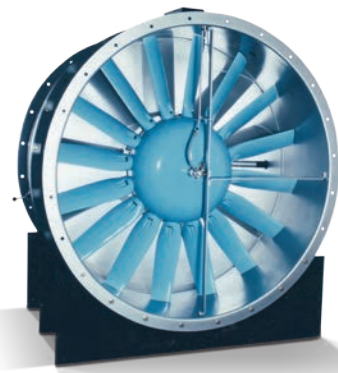


Axial fans

High flow: Up to 425,000 CFM
High pressure: Up to 13” water gauge
Most robust axial fan on the market

JM aerofoil fans

Volumes to 425,000 CFM
Pressures to 10.5” WG
Available in both tube axial and vane axial designs
AMCA certified for air performance on direct drive fans
Available in direct driven and belt driven configurations
Impeller type: Adjustable pitch (at rest) cast aluminum
Compact, low cost, high efficiency, rugged design
Available in twenty-one basic fan sizes
Smoke exhaust applications



Evase JMG fans

Volumes to 150,000 CFM
Pressures to 10.5” WG
Available in direct driven configuration only
Impeller type: Adjustable pitch (at rest) cast aluminum
Saves energy and space by incorporating a built-in outlet cone
Available in eleven basic fan sizes.

Varofoil controllable pitch fans

Volumes to 400,000 CFM
Pressures to 13” WG
Available in direct driven configuration only
Impeller type: Adjustable pitch (at rest) or controllable pitch (in motion) cast aluminum
Significant power savings, reliable and low maintenance
Available in thirteen basic fan sizes.

Mixed flow “plus” fans

Volumes to 65,000 CFM
Pressures to 7” WG
Available in belt driven configuration only
Impeller type: Hybrid, welded steel
Compact, quiet and efficient
Available in eleven basic fan sizes.

Howden excels in meeting customer requirements with specially designed and configured products.

Speciality products and legacy brands

Howden offer a wide variety of speciality fans and product spares.



Roof ventilation



Special OEM fans



Dust collection



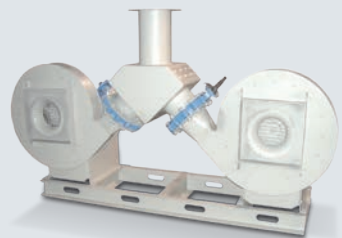
Navy-maritime duty



Flange mounted fan



Parking garages



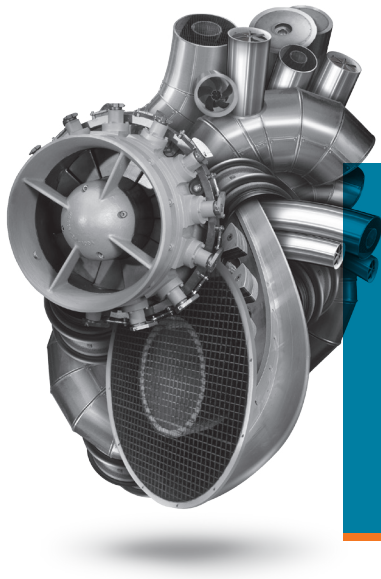
Back up fan system

Howden American Fan Company supported brands

American Fan Company	Fläkt Woods Gll	Garden City Fans of Fläkt Woods	Joy Green Fans
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Howden acquired and supported brands

Aeolus	Berry Fans	Donkin® Blowers	James Howden	Reavell Centrifugal	TLT-Babcock
Aerodyne Fans	Buffalo Forge	Donkin® Fans	Majax™ Fans	Safanco® Fans	Turbowerke Meissen
Aerex® Fans	Burton Corblin® Compressors	Engart® Fans	Nordisk Fans	Sheldon Fans	Variax®
Airscrew	Canadian Blower	ExVel	Novenco®	Sirocco®	Ventilatoren Sirocco
Airtech Fans	Carter Fans	Fantecnic Fans	Periflow® Compressors	Sofrair Blowers	Voith Fans
Alphair Ventilating Systems	ČKD Kompresory	Godfrey Blowers	Pitstock Fans	Stork Fans	Waller
American Blower	Covent Fans Inc.	Gýrol® Fluid Drives	Phoenix Fans	Sturtevant Fans	Westinghouse Fans
American Standard	Davidson Fans	Howden Sirocco Fans & Heaters	Powermax Fans	Thomassen Compression Systems	Wolf Fans
					Wheeler Fans



At the heart of your operations

Howden people live to improve our products and services and for over 160 years our world has revolved around our customers. This dedication means our air and gas handling equipment adds maximum value to your operations. We have innovation in our hearts and every day we focus on providing you with the best solutions for your vital operations.



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