Hartzell
Since 1875
AIR MOVEMENT

Quality • Value • Commitment

Fans Engineered for the

High Technology/Semiconductor Industry

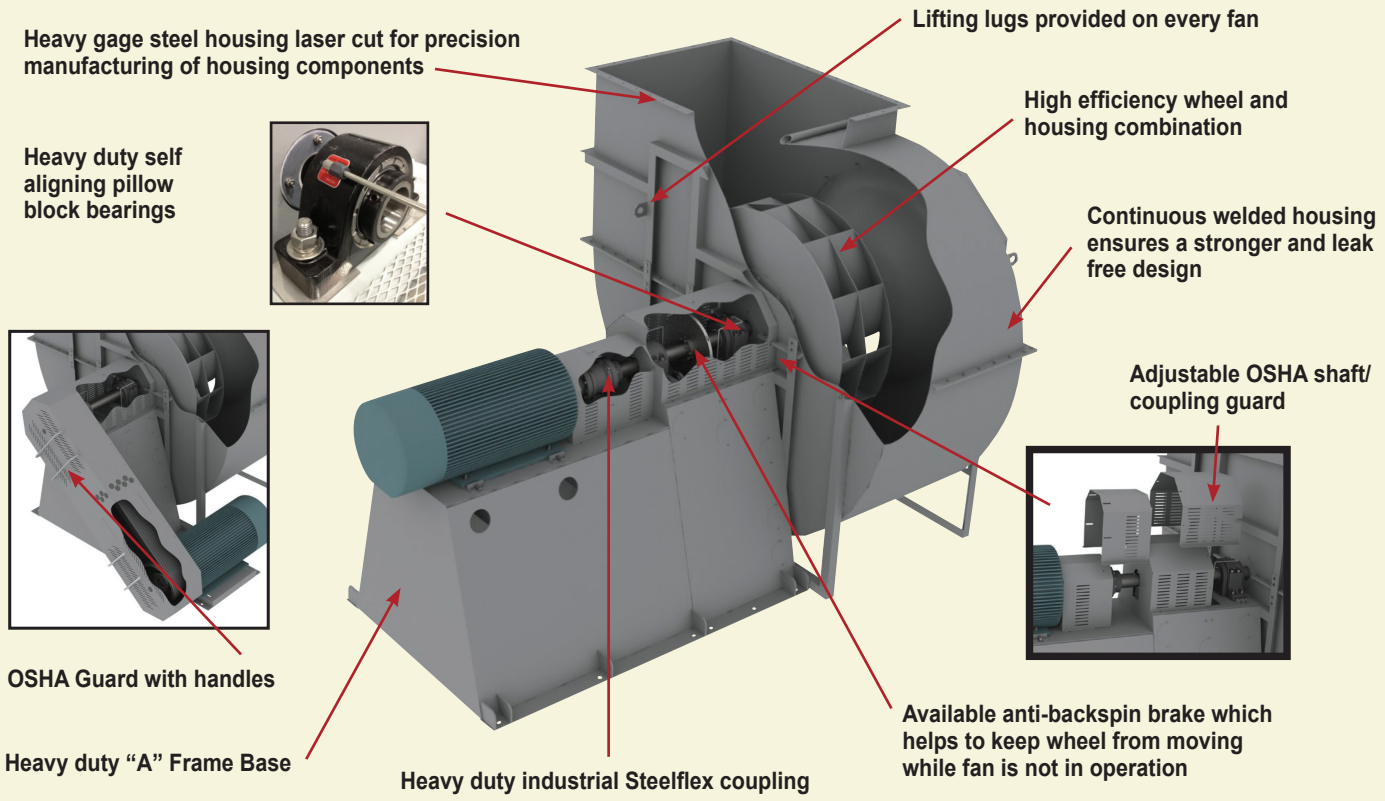
The Hartzell Value

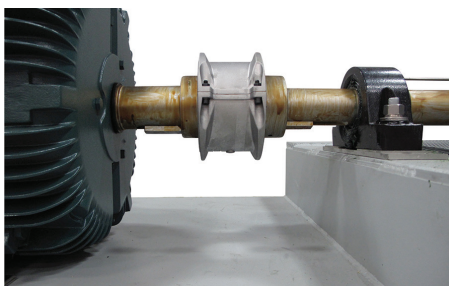
Hartzell has been manufacturing high quality steel fans since 1927 and fiberglass fans since 1957. Hartzell Air Movement has decades of experience in providing insight and innovation to meet the expanding needs of our high technology customers. We have a range of products combined with our knowledgeable service and support to meet our customers' ventilation challenges.

Why choose Hartzell:

- Heavy-duty, reliable fans that keep your operations moving
- Application versatility resulting from our multiple mounting configurations, coatings and colors that are available
- Customization capabilities to meet the ultimate needs of the customer
- Made in the U.S.A. with the highest level of quality

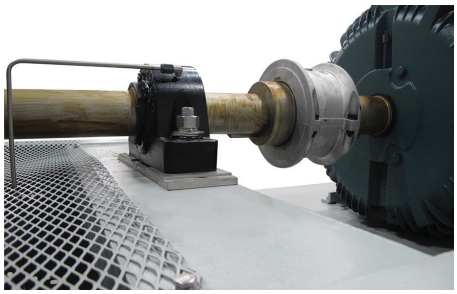
Featured Product: Series 03 Backward Curved Centrifugal Fan





Direct coupled for ease of maintenance

Series 41 Fiberglass Backward Curved Airfoil Centrifugal Fan



Pillow-block roller bearing laser-aligned to motor shaft to decrease vibration

Featured Hartzell Product Line

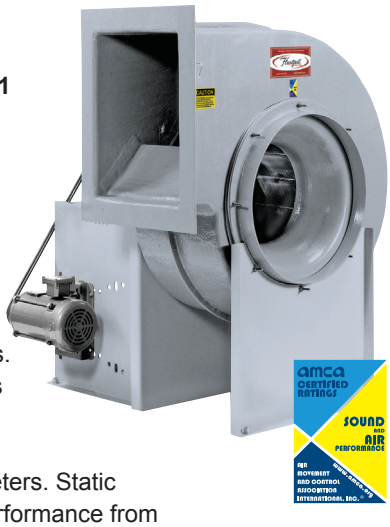
Centrifugal Fans

Backward Curved Centrifugal Fan, Belt Drive or Direct Drive, SWSI – Series 03

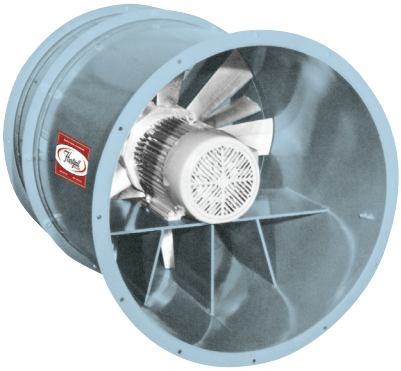
Backward curved non-overloading wheel has high efficiency. Single thickness or hollow airfoil blades are available and permit use in rugged clean air industrial applications. Sizes 12" to 73" wheel diameters. Performance from 700 to 169,500 CFM, up to 20" W.G. static pressure.

Fiberglass Backward Curved Centrifugal Blower, Belt Drive, SWSI – Series 41

Airfoil, one piece solid fiberglass wheel has non-overloading horsepower characteristics. The wheel and housing are constructed with special corrosive-resistant vinylester resin plus flame retardant additives. Internal hardware is stainless steel. No metal parts are exposed in the airstream. Sizes 12" to 73" wheel diameters. Static pressures up to 30" W.G. Performance from 700 to 120,000 CFM at 5" S.P.



Vaneaxial Fans



Direct Drive Adjustable Pitch Vaneaxial Fan – Series 65

Adjustable pitch vaneaxial fans feature adjustable pitch blades in direct drive units. Sizes 35" to 79". CFM from 5,900 to 232,500 at free air. Standard motors are totally enclosed foot mounted.

Direct Drive Adjustable Pitch Vaneaxial Fan, with C-Faced Motor – Series 65C

Adjustable pitch vaneaxial fans feature adjustable pitch blades in direct drive units. Sizes 35" to 79". CFM from 6,700 to 210,000 at free air. Standard motors are totally enclosed c-faced.

Direct Drive Vaneaxial Fan with C-Faced Motor – Series 53C

Guide vanes insure maximum efficiency in converting velocity pressure to static pressure with minimal turbulence. Suitable where conditions are not detrimental to operation of totally enclosed motor in the air stream. Cast aluminum impellers. Sizes 18" to 60". CFM from 3,850 to 118,500 at free air.

For performance and sound data on these fans, please visit www.hartzellflow.com or contact your local sales representative.

Hartzell Air Movement Provides Product Solutions for the High Technology/Semiconductor Industry

Features and Benefits

Hartzell's industrial fan product offering provides the optimal solution for many areas of a semiconductor manufacturing facility or other high technology environments. In addition, all Hartzell fans are tested in accordance with AMCA standards ensuring that our fans provide the results that our customers expect.

Hartzell Air Movement industrial fans are proven to run consistently. Having a reliable working fan in a high technology application is key to keeping a facility running smoothly. Hartzell's engineering and sales experts can help select the optimal solution for unique semiconductor facility applications.

- Fans are customized to meet your specific requirements including optional accessories.
- Hartzell's one-piece, solid fiberglass wheel design provides end users with high efficiency, which reduces energy costs.
- Hartzell centrifugal fans can be used in conjunction with scrubbers and bio filters which efficiently creates clean air with low noise.
- Our engineering expertise and fan customization makes replacement fans easy for you.
- Multiple coatings are available, including Hartzell's own HartKoate, which provides moisture protection for fiberglass fans as well as UV inhibitors, which protect fiberglass fans from the sun's harmful rays. These proven coatings for our fiberglass fans provide excellent protection for extended service life.

Series 03 fans ventilating a semiconductor manufacturing facility

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