

Kooltronic Basic Blower Quick Sheet



Basic Blowers

Single Centrifugal Blower



- CFM Capacity Range: 60-425
- For Low to Moderate Static Pressures
- Available in 7 Sizes & Capacities
- Full Performance in any Mounting Position

Basic Blowers

High Pressure Centrifugal Blower



- CFM Capacity Range: 160-475
- Designed for Mid-Range Static Pressures
- Available in a Variety of Sizes
- Full Performance in any Mounting Position

Basic Blowers

High Pressure Radial Blower



- CFM Capacity Range: 55-265
- Designed for Substantial Static Pressures
- Available in a Variety of Sizes
- Full Performance in any Mounting Position

Basic Blowers

Double Centrifugal Blower



- CFM Capacity Range: 155-1200
- Provides Greater Airflow vs. Single Blowers
- Available in a variety of sizes
- Full Performance in any Mounting Position

Basic Blowers

Quadruplex Centrifugal Blower



- CFM Capacity Range: 320-920
- Quiet, Efficient Operation
- Available in a Variety of Sizes
- Full Performance in any Mounting Position

Basic Blowers

AC Motorized Impeller Blowers



- CFM Capacity Range: 215-2070
- Available: 115V, 230V, 50/60 Hz
- Low Noise Level
- Compact Size

Basic Blowers

DC Motorized Impeller Blowers



- CFM Capacity Range: 270-714
- Available: 24 and 48 Volt DC
- Offer High Airflow for High Static Pressure
- Reversed Polarity and Locked Rotor Protection

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- Kooltronic-designed blowers are manufactured in the USA.
- 100% testing on all Kooltronic-designed products.
- Kooltronic's Quality System is ISO 9001: 2015 Certified.
- Environmental chamber and laboratory on site.
- Contract laboratory facilities for complete system analysis.
- Full line of options for custom applications.
- Automated and custom paint booths.
- Custom design - prototype program.

General Specifications for all Basic Blowers

Rugged Construction: Precision-engineered heavy-gauge steel construction on all painted units insures blowers stand up under tough applications.

Baked Powder Finish: Durable, baked-on powder finish is standard on all painted units. Custom finishes and colors available.

Precision Ball-Bearing Motors: All motors are UL/CSA Recognized and carry a Declaration of Conformity to applicable CE Standards. Designed for low temperature rise, Kooltronic motors are cooled by blowers' air intake for maximum motor life and include automatic-reset thermal overload protection. Special permanent lubricants perform over a broad temperature range: -20°F (-29°C) to 250°F (121°C). Consult Kooltronic for motors designed to meet unique applications or extreme environmental specifications.

Power: 115 VAC or 230 VAC, 50/60 Hz is standard. For multi-phase power, other voltages and frequencies or brushless DC applications, consult Kooltronic.

Leads: 12-inch [304.8mm] (minimum) power and ground leads. Special lengths and/or plugs available.

Kooltronic Basic Blower Selection Guide

Blower Series	Low to Moderate Static Pressure	Moderate Static Pressure	High Static Pressure	Capacity CFM
Single Centrifugal	✓			60 - 425
High Pressure Centrifugal		✓		160 - 475
High Pressure Radial			✓	55 - 265
Double Centrifugal	✓			155 - 1,200
Quadruplex Centrifugal		✓		320 - 920
AC Motorized Impellers			✓	215 - 2,070*
DC Motorized Impellers**			✓	270 - 714

* Units are available up to 7,000 CFM. Contact Kooltronic for details.

** Available in 24 and 48 Volt DC. Units come with reverse polarity and locked rotor protection.

