

Kooltronic Packaged Blower Quick Sheet



Packaged Blowers Standard Twin Blower



- CFM Capacity Range: 160-800
- Attractive 19" Stainless Steel Grilles
- Unique Design Provides Maximum Airflow
- Includes Exhaust Guards

Packaged Blowers Recessed Twin Blower



- CFM Capacity Range: 130-800
- Attractive 19" Stainless Steel Grilles
- Unique Design Provides Maximum Airflow
- Includes Exhaust Guards

Packaged Blowers EMI/RFI Shielded Twin Blower



- CFM Capacity Range: 130-800
- High Degree of EMI/RFI Attenuation
- Unique Design Provides Maximum Airflow
- Includes Exhaust Guards

Packaged Blowers Broad Discharge Twin Blower



- CFM Capacity Range: 270-750
- Even Distribution of Air
- Attractive 19" Stainless Steel Grilles
- Includes Exhaust Guards

Packaged Blowers Pagoda Series



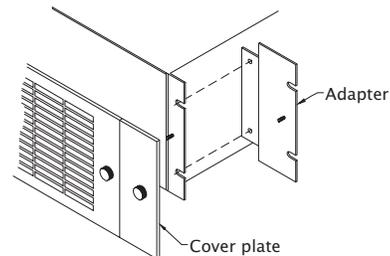
- CFM Capacity Range: 180-1,615
- Occupies No Cabinet Space
- Maximum Performance with Minimal Noise
- Heavy-Gauge Steel Shell

Packaged Blowers Accessories & Options Fan & Blower Automatic Speed Controller KSC100



- Solid State Controller in a NEMA 1 Enclosure
- Remote Mounting
- Operates Single or Multiple Fans or Blowers
- Accepts a Wide Variety of Control Logic

Packaged Blowers Accessories & Options Adapters



- Extend Packaged Blower Width From 19" to 24"
- EIA Notched
- Cover Plate of Mirrored-Finish Stainless Steel
- Grilles are Non-Structural

General Specifications for all Packaged Blowers

Rugged Construction: Precision-engineered heavy-gauge steel construction on all painted units insures blowers stand up under tough applications. On Rack-Mounted units, EIA-notched flanges extend 17 inch [431.8mm] blower cabinet to 19 inch [482.6mm] panel width.

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

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

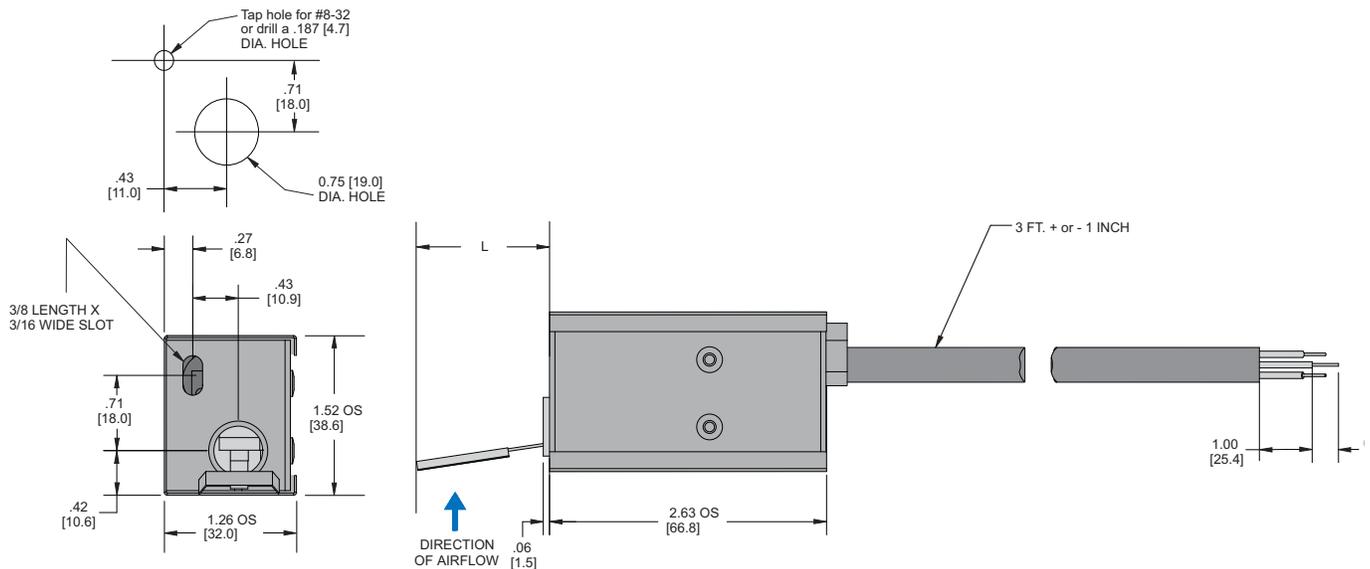
Grille: All Rack-Mounted units include attractive 19-inch [482.6mm] wide stainless steel grilles with knurled captive fasteners for easy removal. Grille area is 65% open and complies with OSHA and UL safety standards.

Filters: The filters included with most packaged blowers consist of a multi-layer grid of sturdy, corrugated aluminum in a one-piece aluminum frame. Adhesive coated to trap particulate matter, they are easy to remove, wash and treat with Kooltronic A-16, an adhesive-rejuvenating spray. Filters must be kept free of accumulations, to prevent reduction or loss of performance and/or damage to equipment.

Power Cord: All 115 VAC, 50/60 Hz units are supplied with a three-wire cord with molded plug included, internally grounded and securely locked to the case by a strain relief bushing. 230 VAC, 50/60 Hz blowers are supplied without a plug. Special lengths and/or plugs are available.

Exhaust Guards: Included on all packaged blowers.

Packaged Blower Accessories and Options



AIRFLOW SWITCH: Protects equipment against damage caused by loss of cooling airflow by activating an alarm or turning off power. The switch can be mounted on any suitable surface which allows the stainless steel air vane to be placed in the critical airstream. This switch is a single-pole double-throw type, with normally open and normally closed contacts.

The UL rating for the level actuated switch is 11 amps at 250 volts AC. A three foot [0.9m], three-wire power cord is provided, allowing connection to normally open or normally closed circuits.

The choice of air vanes is determined by location and orientation in the airstream, and the normal operating air velocity at the point of installation. Refer to the chart below or consult KOOLTRONIC Engineering for assistance.

