Kooltronic Fans & Fan Trays Quick Sheet

Indoor Fans
Thin Fans

- CFM Capacity Range: 210-750
- Extremely Compact
- Versatile Mounting Options
- Pressurize or Exhaust

Indoor Fans
Advantage Filter Fans

- CFM Capacity Range: 13-342
- Rated for NEMA 12
- Quick and Easy Mounting
- Extremely Flat Profile

Indoor/Outdoor Fans
Guardian Filter Fans

- CFM Capacity Range: 20-444
- Rated for NEMA 4 or 4X
- Safe for Washdown
- IP55 Filter Protection

Indoor/Outdoor Fans
Sentry Filter Fans

- CFM Capacity Range: 88-405
- Rated for NEMA 3R
- Various Sizes & Voltages
- Integrated Fan Guards

Packaged Fans
Twin & Triple Packaged Fans

- CFM Capacity Range: 200-420
- Quiet, Vibration-Free Operation
- Versatile Mounting & Adaptability
- Rugged Construction

Packaged Fans
High Performance Fans

- CFM Capacity: 385
- Small Size for Limited Space
- Exceptionally Quiet Operation
- High Static Pressure Performance

Packaged Fans
Filtered Box Fans

- Capacity Range: 105-1,310 CFM
- High Airflow/Low Noise Operation
- All Fans Both Intake and Exhaust
- Minimal Internal Cabinet Depth

Rack Mounted Fans
Kooltray II

- Capacity: Up to 105 CFM Per Fan
- Perfect for 19" Rack Mounting
- Standard Units Come in 1, 2 or 3 Row Models
- Exceptionally Quiet Operation

Kooltronic Fans & Fan Trays Quick Sheet

- *Kooltronic-designed fans 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.*
- *Kooltronic designs products using solid modeling software.*

- *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 Fans

Rugged Construction: Precision-engineered heavy-gauge steel construction on all painted units ensures fans stand up under tough applications. The Advantage Series Filter Fan's plastic enclosure consists of an ABS/PC alloy (Blend) and is self-extinguishing according to UL94V-0.

Baked Powder Finish: Durable, baked-on powder finish is standard on painted fans. Custom finishes and colors available. Depending upon request and quantity, the Advantage Series Filter Fans plastic parts can be supplied in different colors.

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 fan's intake air for maximum motor life. All motors meet Federal Specifications CC-M-1807A, and include double-sealed or double shielded precision ball bearings which meet Federal Specification FF-B-171A. 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.

Kooltronic Fan Selection Guide

Fan Series	Low to Moderate Static Pressure	Moderate Static Pressure	NEMA 3R Rated	NEMA 4 Rated	NEMA 4X Rated	Capacity CFM
Advantage KBFF Filter Fans	✔					13 - 342▼
Sentry Series Filter Fans	✔		✔			88 - 405*
Guardian Filter Fans	✔			✔		20 - 444*
GuardianX Filter Fans	✔				✔	20 - 444*
High Performance Fans	✔	✔				385
Thin Fans						180 - 750
Twin & Triple Packaged Fans	✔					200 - 420
Filter Box Fans		✔				105 - 1,310
KoolTray II	✔					up to 105 per fan

▼ Fan with grille airflow.
* Fan airflow without filter and grille.

Kooltronic, Inc. ■ 30 Pennington-Hopewell Rd. ■ Pennington, NJ 08534 ■ 609-466-3400 ■ www.kooltronic.com