



Thermal Edge Inc.

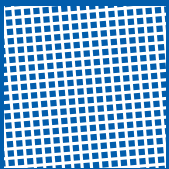
TEMPERATURE CONTROL SOLUTIONS FOR ELECTRICAL ENCLOSURES



Metal Filtered Fan Packages

Includes filtered fan, filtered exhaust vent and gaskets. UL types I and 3R

Thermal Edge Filtered Fan Packages are designed to be your economical answer to cooling electrical enclosures in environments that are not extremely harsh, where humidity is not a concern and temperatures slightly above ambient are acceptable. UL Type 3R models are intended to keep the elements out of your enclosure while maintaining free air movement from your filtered fan packages.



Easily Replace Filter Media

Filter maintenance is made easy. Metal models employ convenient cover thumbscrews. Replacement filter media is available.



Optional Thermostat Control

Thermostat closes on temperature rise – for regulating filter fans or for switching signal devices. Comes with blue temperature dial.



Optional NEMA 3R Shrouds

Our Fan Shroud Kits are designed to keep the elements out of your enclosure while allowing the free air movement from your filtered fan packages

5 YEARS

Industry Leading 5-Year Warranty

Thermal Edge products are warranted to be free of defects in workmanship, materials and components.

Metal FILTER FAN PACKAGES

Powder Coated and Stainless Steel

- 16 Gauge powder coated mild steel
- Efficient, quiet ball bearing fans
- Electrostatic polypropylene filter pad
- Pressurized operation standard, reverse flow optional
- Package includes fan & exhaust
- Available in 304 stainless steel
- All kits include gaskets, hardware and templates
- Includes 8' cord with plug
- Operating Temperature: 14 to 131°F



ANSI 61 Powder Coated Mild Steel

304 Stainless Steel (XAX)

Part Number UL Type 1	Part Number UL Type 3R	CFM Free Flow	CFM With 1 Filter	CFM With 2 Filters	Voltage/Hz.	Rated Amps	RPM	H x W x D (Grille Depth .52")
MFFP100-120	MFFP100-120-3R	131	101	45	115 VAC 50/60	0.17/0.18	3300	8.03" x 8.03" x 3.67"
MFFP100-230	MFFP100-230-3R	131	101	45	230 VAC 50/60	0.1/0.11	3300	8.03" x 8.03" x 3.67"
MFFP100-D24	MFFP100-D24-3R	90	69	31	24 VDC	0.23	3300	8.03" x 8.03" x 3.67"
MFFP200-120	MFFP200-120-3R	300	202	91	115 VAC 50/60	0.35/0.40	3300	10.06" x 10.00" x 4.39"
MFFP200-230	MFFP200-230-3R	300	202	91	230 VAC 50/60	0.20/0.22	3300	10.06" x 10.00" x 4.39"
MFFP200-D24	MFFP200-D24-3R	300	202	91	24 VDC	2.1	3900	10.06" x 10.00" x 4.39"
MFFP200-120-01-XAX	MFFP200-120-3R-XAX	300	202	91	115 VAC 50/60	0.35/0.40	3300	7.12" x 16.56" x 2.78"
MFFP200-230-01-XAX	MFFP200-230-3R-XAX	300	202	91	230 VAC 50/60	0.20/0.22	3300	7.12" x 16.56" x 2.78"
MFFP200-D24-01-XAX	MFFP200-D24-3R-XAX	300	202	91	24 VDC	2.1	3900	7.12" x 16.56" x 2.78"
MFFP500-120	MFFP500-120-3R	850	572	247	115 VAC 50/60	0.50/0.58	2700	12.60" x 12.60" x 4.85"
MFFP500-230	MFFP500-230-3R	850	572	247	230 VAC 50/60	0.25/0.30	2700	12.60" x 12.60" x 4.85"

Accessories:

- Thermostats
- 3R Shrouds
- Washable replacement filters
- Vent kits



Due to design and part development, all information is subject to change without notice

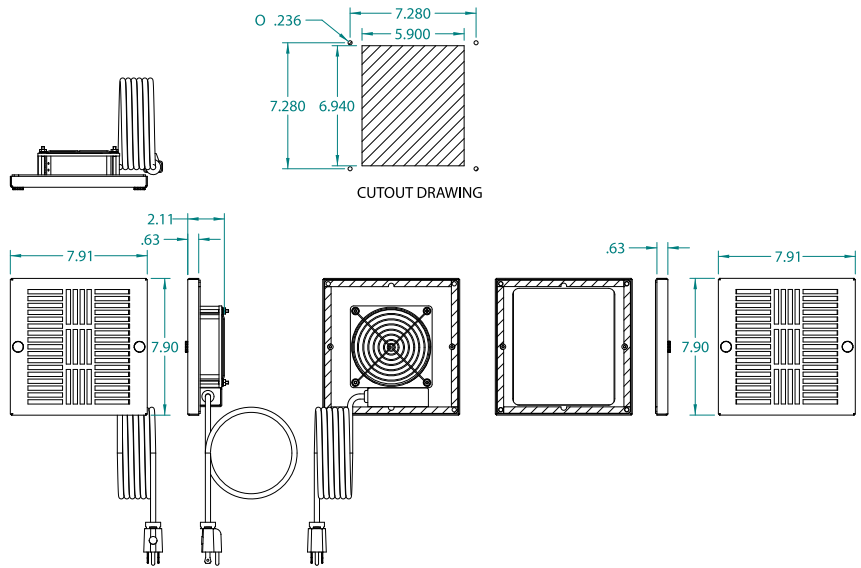
1800 Hurd Drive, Irving, Texas 75038



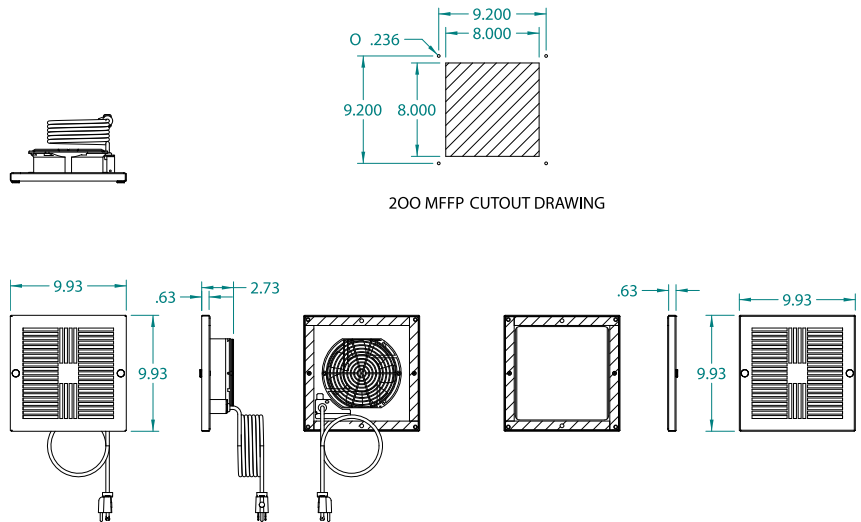


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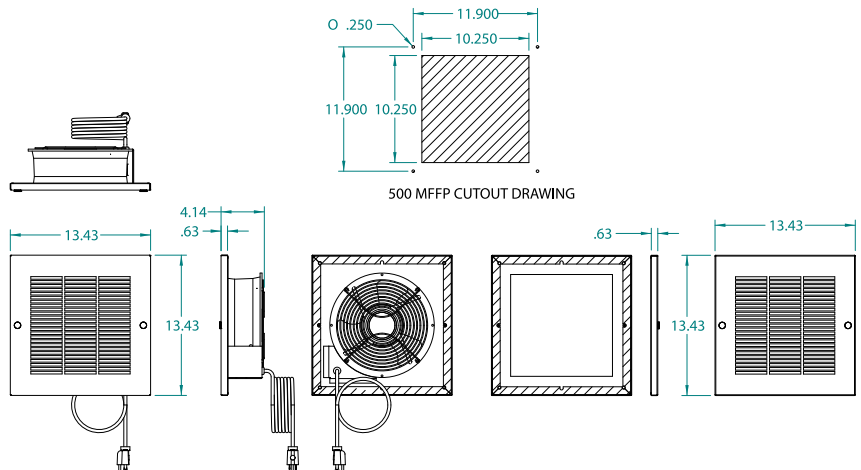
Model MFFP 100



Model MFFP 200



Model MFFP 500

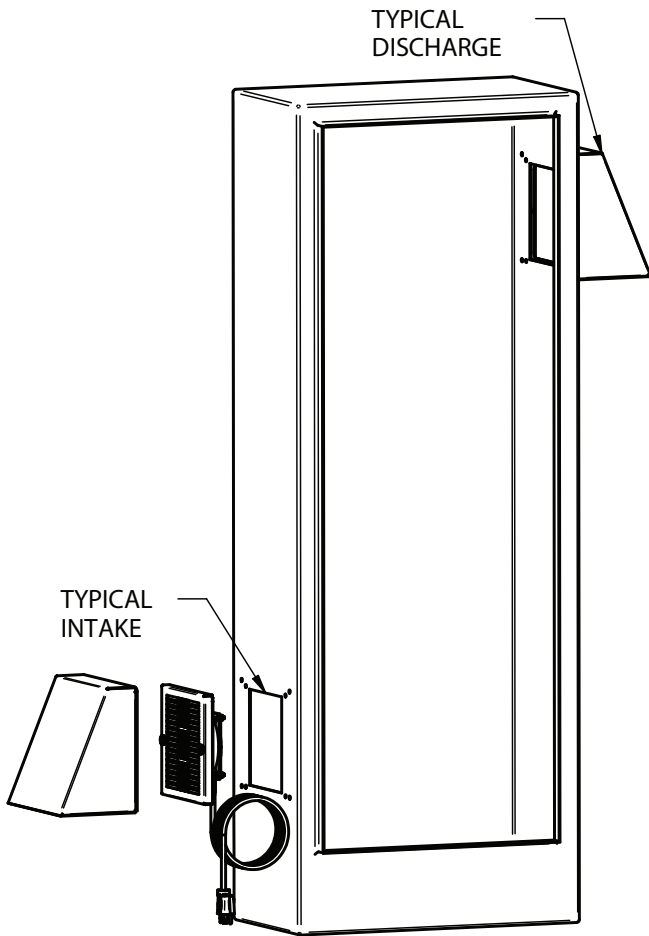


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www.thermaledge.com • thermalinfo@thermal-edge.com



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Thermal Edge Filter Fan Packages are designed to be your economical answer to cooling electrical enclosures in environments that are not extremely harsh, where humidity is not a concern and enclosure temperatures slightly above ambient are acceptable.

The interior temperature of an enclosure is reduced by moving cooler filtered outside air into the enclosure and expelling heated internal air. The resulting airflow prevents formation of localized heat pockets and protects the electronic components from overheating. Thermal Edge Filter Fan Packages operate by pressurizing the enclosure with ambient air, and extracting hot air via a filtered exhaust vent. Reverse air flow may be requested as an optional feature to operate as a depressurized system.

Enclosure Air Conditioners

1,000 - 20,000 BTUH

Air to Water Heat Exchangers

3,690 - 18,930 BTUH

Air to Air Heat Exchangers

12 - 40 Watts/°F

Plastic and Metal Filtered Fans

80 - 750 CFM



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