



Thermal Edge Inc.

FILTERED FAN PACKAGES

PLASTIC & METAL FILTERED FANS

EFFICIENT, QUIET BALL BEARING MOTORS

NEMA TYPES 1 AND 3R

ALL KITS INCLUDE GASKETS, HARDWARE, AND TEMPLATE

UL RECOGNIZED



Get the Edge... Get Thermal Edge

Temperature Control Solutions For Electrical Enclosures

Plastic FILTER FAN PACKAGES

Injection Molded Plastic

- Efficient, Quiet Ball Bearing Fans
- Polypropylene Filter Pad
- Snap-on grille for easy filter maintenance
- Angled louvers to resist moisture
- Package includes fan & exhaust vent
- Mounting Hardware Included
- All Kits Include Integrated Gaskets and Mounting Template
- Pressurized operation standard, reverse flow optional
- Temperature Range - 40F to 158F



Part Number	NEMA Type	3R Part Number	NEMA Type	CFM Free Flow	CFM With 1 Filter	CFM With 2 Filters	Voltage/Hz	Rated Amps	RPM
PFFP080-120	1	PFFP080-120-3R	3R	75	53	24	115 VAC, 50/60	.11	2900
PFFP080-230	1	PFFP080-230-3R	3R	75	53	24	230 VAC, 50/60	.06	2900
PFFP080-D24	1	PFFP080-D24-3R	3R	89	63	28	24VDC	.19	2200
PFFP100-120	1	PFFP100-120-3R	3R	131	101	45	115 VAC, 50/60	0.17/0.18	3300
PFFP100-230	1	PFFP100-230-3R	3R	131	101	45	230 VAC, 50/60	0.1/0.11	3300
PFFP100-D24	1	PFFP100-D24-3R	3R	90	69	31	24 VDC	0.23	3300
PFFP200-120	1	PFFP200-120-3R	3R	300	202	91	115 VAC, 50/60	0.35/0.40	3300
PFFP200-230	1	PFFP200-230-3R	3R	300	202	91	230 VAC, 50/60	0.20/0.22	3300
PFFP200-D24	1	PFFP200-D24-3R	3R	300	202	91	24 VDC	2.1	3900
PFFP390-120	1	PFFP390-120-3R	3R	390	280	124	115 VAC, 50/60	0.51/0.54	3300
PFFP390-230	1	PFFP390-230-3R	3R	390	280	124	230 VAC, 50/60	0.30/0.33	3300
PFFP390-D24	1	PFFP390-D24-3R	3R	270	192	85	24 VDC	0.69	3300
PFFP500-120	1	PFFP500-120-3R	3R	850	572	247	115 VAC, 50/60	0.50/0.58	2700
PFFP500-230	1	PFFP500-230-3R	3R	850	572	247	230 VAC, 50/60	0.25/0.30	2700

Accessories:

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



All information subject to change without notice

UL File # E319601





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
- Temperature Range - 40°F to 158°F



ANSI 61 Powder Coated Mild Steel



304 Stainless Steel (XAX)

Part Number	NEMA Type	3R Part Number	NEMA Type	CFM Free Flow	CFM With 1 Filter	CFM With 2 Filters	Voltage / Hz	Rated Amps	RPM
MFFP100-120	1	MFFP100-120-3R	3R	131	101	45	115 VAC, 50/60	0.17/0.18	3300
MFFP100-230	1	MFFP100-230-3R	3R	131	101	45	230 VAC, 50/60	0.1/0.11	3300
MFFP100-D24	1	MFFP100-D24-3R	3R	90	69	31	24VDC	0.23	3300
MFFP200-120	1	MFFP200-120-3R	3R	300	202	91	115 VAC, 50/60	0.35/0.40	3300
MFFP200-230	1	MFFP200-230-3R	3R	300	202	91	230 VAC, 50/60	0.20/0.22	3300
MFFP200-D24	1	MFFP200-D24-3R	3R	300	202	91	24 VDC	2.1	3900
MFFP200-120-01-XAX	1	MFFP200-120-3R-XAX	3R	300	202	91	115 VAC, 50/60	0.35/0.40	3300
MFFP200-230-01-XAX	1	MFFP200-230-3R-XAX	3R	300	202	91	230 VAC, 50/60	0.20/0.22	3300
MFFP200-D24-01-XAX	1	MFFP200-D24-3R-XAX	3R	300	202	91	24 VDC	2.1	3900
MFFP500-120	1	MFFP500-120-3R	3R	850	572	247	115 VAC, 50/60	0.50/0.58	2700
MFFP500-230	1	MFFP500-230-3R	3R	850	572	247	230 VAC, 50/60	0.25/0.30	2700

Accessories:

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



UL File # E319601

All information subject to change without notice



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.

Filter maintenance is made easy on plastic models with snap-on grilles. Metal models employ convenient thumbscrews.

ACCESSORIES:

- NEMA 3R Rain Shrouds
- Washable Replacement Filters
- Thermostat for control of Filtered Fan Package Operation
- Extra exhaust vents



Contact Us Today to Remove Heat Issues in your Electrical Enclosures!!

Phone: 1-888-580-0202

E-mail: thermalinfo@thermal-edge.com



UL File # E319601

All information subject to change without notice

Brochure #4
2018-01-12

