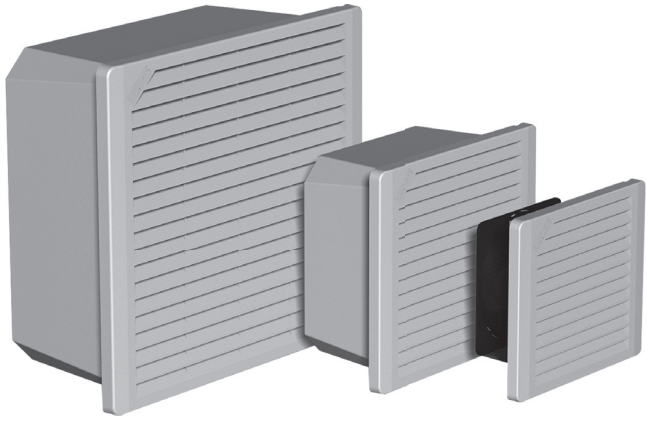
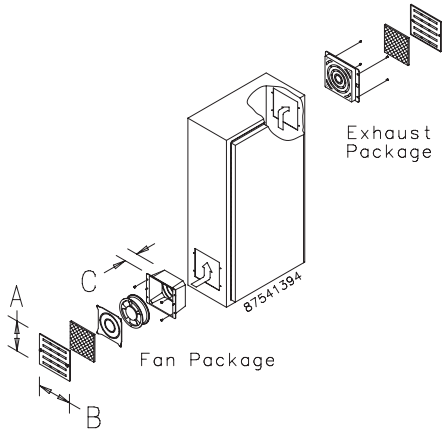
TFP SIDE-MOUNT



TFP10
215 CFM
(365 m^3/hr.)

TFP6
140 CFM
(238 m^3/hr.)

TFP4
55 CFM
(93 m^3/hr.)



INDUSTRY STANDARDS

UL 508A Component Recognized; File No. E61997
TFP# Models: Type 1
TFP# UL 12 Models: Type 12

CSA certified (fan only)
CE

APPLICATION

- Industrial automation
- Automotive assembly
- Package handling equipment
- Food and beverage process controlls
- Wind energy systems

FEATURES

- Cooling Fan Package includes fan, air filter, composite air plenum, finger guard and grille
- Exhaust Package includes air filter, filter retainer with integral finger guard and grille
- EMC Upgrade Kit includes a grille standoff collar and a special EMC shielding grille
- Reliable cooling for enclosures with limited space requiring simple filtered airflow for basic cooling
- 24 VDC, 115 VAC and 230 VAC options available
- Washable foam (Type 1) or disposable (Type 12) filter in fan
- Dynamically-balanced fan impellers molded from polycarbonate material
- 4-in. fan is thermally protected and uses permanently-lubricated ball bearings
- 6- and 10-in. fans have ball bearing construction and split-capacitor motors that are thermally protected to avoid premature failure
- Fans have lead wires for power connection with ends stripped 1/2 in. (12 mm)
- All mounting hardware and installation instructions are furnished

SPECIFICATIONS

- Free airflow from 45 CFM (76 m^3/hr.) to 215 CFM (365 m^3/hr.)
- Maximum operating temperature 158 F / 70 C
- Engineered for 50,000 hours of continuous operation without lubrication or service (a monthly maintenance schedule is recommended to ensure optimal cooling performance)

FINISH

- Stainless steel grilles have brushed finish.
- ABS composite grille is black.

ACCESSORIES

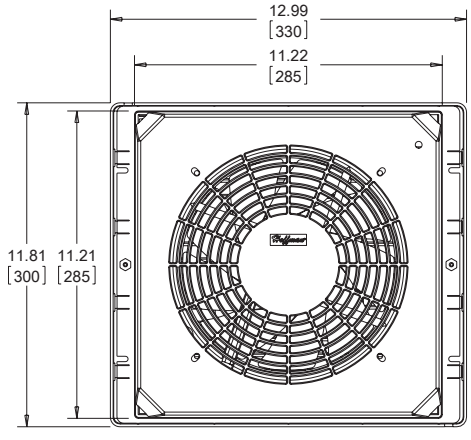
Aluminum Type 1 and Hi-Density Type 12 Filters
EMC Upgrade Kit
Grille Options:
Stainless Steel
Black ABS Plastic

Performance Data **TFP10 Models**

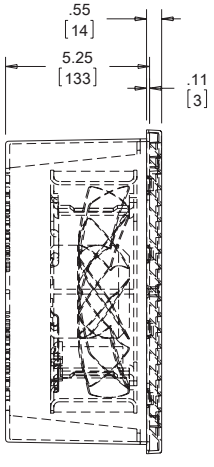
ELECTRICAL DATA		
Rated Voltage	**115 VAC**	**230 VAC**
Frequency (Hz)	50/60	
Nominal Current Maximum @ 50/60 Hz(Amps)	.58/.70	.29/.35
Power Consumption Maximum @ 50/60 Hz (Watts)	64/80	64/80
Power Connection	Stripped Leadwires	
CATALOG NUMBERS		
Composite Type 1		
Catalog Number	**TFP101**	**TFP102**
Stainless Steel Type 1		
Catalog Number	**TFP101SS**	**TFP102SS**
Composite Type 12		
Catalog Number	**TFP101UL12**	**TFP102UL12**
Free Airflow @ 50/60 Hz (CFM)*	180/215	180/215
Free Airflow @ 50/60 Hz (m^3/hr.)*	306/365	306/365
UNIT CONSTRUCTION		
Noise SIL @ 50/60 Hz (dBA)	54/61	54/61
Maximum Operating Temperature (°F/°C)	167/75	167/75
Unit Dimensions - H x W x D (in./mm)	11.81 x 12.99 x 5.25/300 x 330 x 133	
Cutout Dimensions - H x W (in./mm)	11.16 x 11.16/283 x 283	
Weight (lb./kg)	12.0/5.44	11.4/5.17
EXHAUST GRILLE CATALOG NUMBERS		
Composite Type 1		
Catalog Number	TEP10	
Stainless Steel Type 1		
Catalog Number	TEP10SS	
Composite Type 12		
Catalog Number	TEP10UL12	

*CFM with single exhaust grille installed.

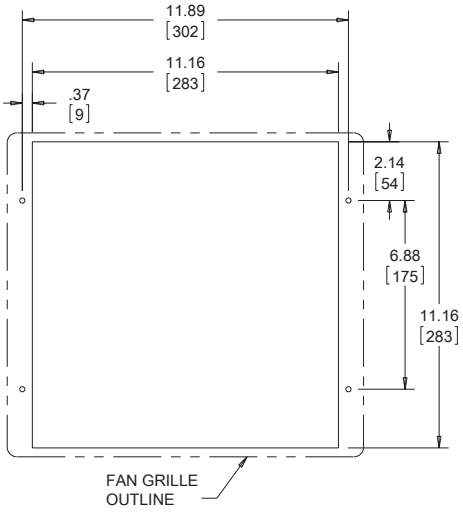
TFP10 Models



BACK VIEW

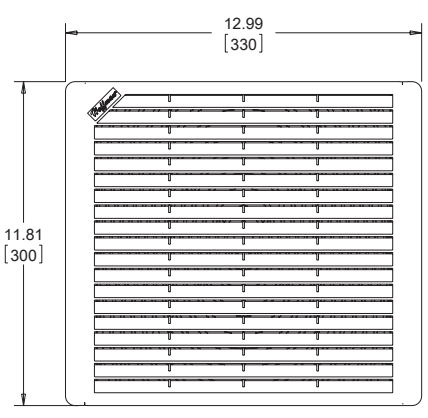


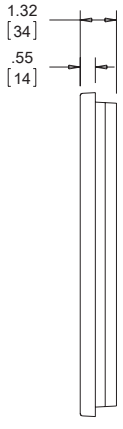
SIDE VIEW



CUTOUT DIMENSIONS

TEP10 EXHAUST GRILLE

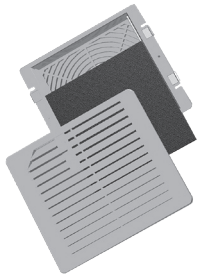




89084711

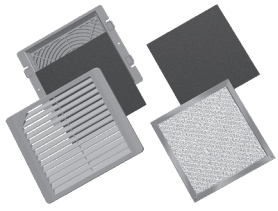
Exhaust grille included with fan package

TFP EXHAUST GRILLES



CATALOG NUMBERS	Nominal Fan Size
TEP4 Models	
TEP4	4
TEP4SS	4
TEP4UL12	4
TEP6 Models	
TEP6	6
TEP6SS	6
TEP6UL12	6
TEP10 Models	
TEP10	10
TEP10SS	10
TEP10UL12	10

TFP OPTIONAL GRILLES AND REPLACEMENT FILTERS



Optional grilles offer the choice of stainless steel or black ABS plastic. These grilles replace the standard RAL 7035 gray composite or stainless steel grilles on both fan and exhaust packages. Standard replacement filters are washable foam (Type 1) or disposable (Type 12). To maintain UL Type 12 rating on the enclosure, UL Type 12 filters must be used on the fan package inlet. Washable aluminum filters are also available. Aluminum filters are compatible with Type 1 systems only.
Type 12 air filters are not washable.

CATALOG NUMBERS	Description	Fits Fan and Exhaust Nominal Size	Fits Fan and Exhaust Grill Size (in./mm)
4-inch Fan Models			
TG4SS	Brushed stainless steel grille	4	6.29 x 7.31 x .81 160 x 186 x 21
TG4B	Black ABS plastic grille	4	6.29 x 7.37 x .81 160 x 187 x 21
AFLTR4	Type 1 filter replacement (5/package)	4	—
AFLTR4AL	Aluminum filter replacement (5/package)	4	—
TFLT4UL12	Type 12 filter replacement (5/package)	4	—
6-inch Fan Models			
TG6SS	Brushed stainless steel grille	6	7.80 x 8.81 x .75 198 x 224 x 19
TG6B	Black ABS plastic grille	6	7.80 x 8.87 x .49 198 x 225 x 12
AFLTR6	Foam filter replacement (5/package)	6	—
AFLTR6AL	Aluminum filter replacement (5/package)	6	—
TFLT6UL12	UL 12 filter replacement (5/package)	6	—
10-inch Fan Models			
TG10SS	Brushed stainless steel grille	10	11.81 x 12.92 x .75 300 x 328 x 19
TG10B	Black ABS plastic grille	10	11.81 x 12.99 x .75 300 x 330 x 19
AFLTR10	Foam filter replacement (5/package)	10	—
AFLTR10AL	Aluminum filter replacement (5/package)	10	—
TFLT10UL12	UL 12 filter replacement (5/package)a	10	—

Replacement filter for Type 12 fan package only (models TFF__UL12). For Type 12 exhaust package use replacement filter AFLTRX.

Filters fit all fan and exhaust packages according to their size.