

FTEC 26 Series

10" Fan Filters/Exhaust Filters

Specification sheet

Certificates

- UL and cUL Listed, File Number E497874
- CSA and CSAus Listed, File Number 80030884
- CE Compliant

Application

FTEC26 series Fan Filters and Exhaust Filters are designed to supply forced convection filtered air for enclosures and electrical panels. By using the unique filtering and cooling features, FTEC will cool down the inside of enclosures to a desired temperature to protect the electrical and electronic parts against heat.

Features

- Type 12 and Type 3R NEMA Rating-NO HOOD REQUIRED
- IP 54 using G3 filter mat and IP 55 using G4 filter mat
- 115 VAC, 230 VAC, 12, 24, and 48 VDC available
- Polyurethane sealing gasket
- Ball bearing Fan
- Easily snaps into place without the use of screws
- Washable and reusable filter mat
- Robust flame-retardant plastic housing, UL 94-V0
- Operating/Storage Temperature: -4 °F to +158 °F / -20 °C to +70 °C
- UV Resistant

Colors

- RAL 7035 – Light Gray
- RAL 7032 – Dark Gray
- RAL 9011 – Black
- Custom Colors upon request



FTEC26



FTEC26 series Performance Chart - 10" Fan Filter and Exhaust Filter

NEMA Rating	Type 12			Type 12 or Type 3R		
	IP 54			IP 55		
Filter Media	G3			G4		
Rated Voltage	100-120VAC	200-240 VAC	12/24/48 VDC	100-120 VAC	200-240 VAC	12/24/48 VDC
Frequency	60/50 Hz	60/50 Hz		60/50 Hz	60/50 Hz	
Bearing	Two Ball Bearing	Two Ball Bearing	Two Ball Bearing	Two Ball Bearing	Two Ball Bearing	Two Ball Bearing
Power connection	3 Poles screwless connector or 2 Pin terminal		Wires	3 Poles screwless connector or 2 Pin terminal		Wires
Fan Filters						
RAL 7035 Light Gray	FTEC26L4X-115SB	FTEC26L4X-230SB	FTEC26L4X-(*)DSB	FTEC26L5(**)-115SB	FTEC26L5(**)-230SB	FTEC26L5(**)-(*)DSB
RAL 7032 Dark Gray	FTEC26D4X-115SB	FTEC26D4X-230SB	FTEC26D4X-(*)DSB	FTEC26D5(**)-115SB	FTEC26D5(**)-230SB	FTEC26D5(**)-(*)DSB
RAL 9011 Black	FTEC26B4X-115SB	FTEC26B4X-230SB	FTEC26B4X-(*)DSB	FTEC26B5(**)-115SB	FTEC26B5(**)-230SB	FTEC26B5(**)-(*)DSB
Reverse Flow Fan Filter	FTEC26L4X-115RB	FTEC26L4X-230RB	FTEC26L4X-(*)DRB	FTEC26L5(**)-115RB	FTEC26L5(**)-230RB	FTEC26L5(**)-(*)DRB
Flow Capacity (CFM-m³/hr at 60/50 Hz) and Maximum Static Pressure (in H₂O-Pa at 60/50 Hz)						
Unimpeded (***)	165/155CFM - 280/265 m³/hr	165/155 CFM - 280/265m³/hr	170 CFM - 290 m³/hr	150/140 CFM - 255/237 m³/hr	150/140 CFM - 255/237 m³/hr	155 CFM - 265 m³/hr
In combination						
Fan Filter+Exhaust Filter	147/140 CFM - 250/237 m³/hr	147/140 CFM - 250/237 m³/hr	150 CFM - 255 m³/hr	130/125 CFM - 220/212 m³/hr	130/125 CFM - 220/212 m³/hr	137 CFM - 230 m³/hr
Max. Static Pressure	0.40/0.35 - 100/88	0.40/0.35 - 100/88	0.42/105	0.37/0.34 - 92/85	0.37/0.34 - 92/85	0.40 - 100
Fan Filter+Reverse Flow Fan Filter	155/150 CFM - 265/255 m³/hr	155/150 CFM - 265/255 m³/hr	160 CFM - 270 m³/hr	140/133 CFM - 237/225 m³/hr	140/133 CFM - 237/225 m³/hr	147 CFM - 250 m³/hr
Max. Static Pressure	0.46/0.43 - 115/107	0.46/0.43 - 115/107	0.48 - 120	0.42/0.40 - 105/100	0.42/0.40 - 105/100	0.44 - 110
Other Fan Filters Data						
Power Input	40/43 W	36/38 W	23/24/23.5 W	40/43 W	36/38 W	23/24/23.5 W
Weight	1600 gram / 3.53 lb			1600 gram / 3.53 lb		
Noise Level	46/58 dB (A)		59 dB (A)	46/58 dB (A)		59 dB (A)
Durability	50,000 @ 25 °C	50,000 @ 25 °C	90,000 @ 35 °C	50,000 @ 25 °C	50,000 @ 25 °C	90,000 @ 35 °C
Operating Temperature	-20 to +70 °C / -4 to +158 °F			-20 to +70 °C / -4 to +158 °F		
Dimensions	10.24" X 10.24" X 4.90" / 260X260X124.5 mm³			10.24" X 10.24" X 4.90" / 260X260X124.5 mm³		
Certificates	CSA-UL-CE			CSA-UL-CE		
Exhaust Filter		Type 12-IP 54		Type 12 or Type 3R-IP55		
RAL 7035 Light Gray	FTEC26L4X		FTEC26L5(**)			
RAL 7032 Dark Gray	FTEC26D4X		FTEC26D5(**)			
RAL 9011 Black	FTEC26B4X		FTEC26B5(**)			
Dimensions	10.24" X 10.24" X 1.22" / 260 X 260 X 31 mm³			10.24" X 10.24" X 1.22" / 260 X 260 X 31 mm³		
Weight	450 gram / 1 lb			450 gram / 1 lb		
Certificates	CSA-UL-CE			CSA-UL-CE		
Accessories						
Replacement Filter Media	FTEC26-FM-4			FTEC26-FM-5		
NO Thermostat (°C)	TTEC-200-C/ETEC-400		ETEC-400	TTEC-200-C/ETEC-400		ETEC-400
NO Thermostat (°F)	TTEC-200-F/ETEC-400		ETEC-400	TTEC-200-F/ETEC-400		ETEC-400

(*) 12 means 12 VDC, 24 means 24 VDC, and 48 means 48 VDC

(***) Flow capacity at 90 VAC - 60 Hz (Type 12) is 130 CFM

(**) X represents Type 12, IP 54 or IP 55, Z represents Type 3R IP 55

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