

FTEC 26S 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

FTEC26S series Fan Filter and Exhaust Filter 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
- UV Resistant

Colors

- RAL 7035 – Light Gray
- RAL 7032 – Dark Gray
- RAL 9011 – Black
- Other colors on request



FTEC26S



FTEC26S series Performance Chart - 10" Fan Filter and Exhaust Filter

NEMA Rating	Type 12			Type 3R		
IP Rating	IP 54			IP 55		
Filter Media	G3			G4		
Rated Voltage	115 VAC	230 VAC	12/24/48 VDC	115 VAC	230 VAC	12/24/48 VDC
Frequency	60/50 Hz	60/50 Hz		60/50 Hz	60/50 Hz	
Bearing	Ball Bearing	Ball Bearing	Ball Bearing	Ball Bearing	Ball Bearing	Ball Bearing
Power connection	2 Poles Terminal & Ground		Wires	2 Poles Terminal & Ground		Wires
Fan Filters Colors						
RAL 7035 Light Gray	FTEC26L4X-115SBS	FTEC26L4X-230SBS	FTEC26L4X-(*)DSBS	FTEC26L5(**)-115SBS	FTEC26L5(**)-230SBS	FTEC26L5(**)-(*)DSBS
RAL 7032 Dark Gray	FTEC26D4X-115SBS	FTEC26D4X-230SBS	FTEC26D4X-(*)DSBS	FTEC26D5(**)-115SBS	FTEC26D5(**)-230SBS	FTEC26D5(**)-(*)DSBS
RAL 9011 Black	FTEC26B4X-115SBS	FTEC26B4X-230SBS	FTEC26B4X-(*)DSBS	FTEC26B5(**)-115SBS	FTEC26B5(**)-230SBS	FTEC26B5(**)-(*)DSBS
Flow Capacity (CFM-m ³ /hr at 60/50 Hz) and Maximum Static Pressure (in H ₂ O-Pa at 60/50 Hz)						
Unimpeded	137/130-230/220	137/130-230/220	130-220	130/125-220/210	130/125-220/210	117-200
In combination						
Fan Filter+Exhaust Filter	120/115-205/195	120/115-205/195	115-195	100/95-170/160	100/95-170/160	105-180
Max. Static Pressure	0.37/0.32-92/80	0.37/0.32-92/80	0.34-85	0.34/0.31-85/78	0.34/0.31-85/78	0.32-80
Fan Filter+Reverse Flow Fan Filter	130/125-220/210	130/125-220/210	120-205	120/115-205/195	120/115-205/195	107-182
Max. Static Pressure	0.40/0.36-100/90	0.40/0.36-100/90	0.36-90	0.34/0.31-89/82	0.34/0.31-89/82	0.34-85
Other Fan Filters Data						
Rated Current (A)	0.22/0.26 ± 10%	0.11/0.13 ± 10%	1.35/0.85/0.32	0.22/0.26 ± 10%	0.11/0.13 ± 10%	1.35/0.85/0.32
Weight (gr/lb)	1000/2.2			1000/2.2		
Noise Level (dB(A))	45/41		50	45/41		50
Durability (hrs at 25 °C)	50,000	50,000	50,000	50,000	50,000	50,000
Operating Temperature (°C/°F)	-20 to +70 / -4 to +158					
Dimensions	10.24" X 10.24" X 4.41" / 260X260X112 mm ³			10.24" X 10.24" X 4.41" / 260X260X112 mm ³		
Certificates	CSA-UL-CE			CSA-UL-CE		
Exhaust Filter-Colors	Type 12-IP 54			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 mm ³			10.24" X 10.24" X 1.22" / 260 X 260 X 31 mm ³		
Weight (gr/lb)	450/1			450/1		
Certificates	CSA-UL-CE			CSA-UL-CE		
Accessories						
Replacement Filter Media	FTEC26-FM-4			FTEC26-FM-5		
NO Thermostat (°C)	TTEC-200-C	-	-	TTEC-200-C	-	-
NO Thermostat (°F)	TTEC-200-F	-	-	TTEC-200-F	-	-

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

(**) X representing Type 12, IP 55 Z representing Type 3R, IP 55

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