

Fan Filters and Exhaust Filters

FTEC Series

Sell sheet

FTEC

Certificates

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

Application

FTEC 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, 460 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
- Durability: 50,000 hrs
- UV Resistant

Colors

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



(*) L means RAL 7035 Light Grey, D means RAL 7032 Dark Grey, B means RAL 9011 Black, and O means Optional colors
 (**) 12D means 12 VDC, 24D means 24 VDC, and 48D means 48 VDC
 All airflow rates are at 60 Hz. Please see Catalog, website, or Specification Sheets for airflow at 50 Hz and more details.

Selection Chart ▶
 Fan Filters and
 Exhaust Filters

Model No.		Size	Voltage	NEMA Rating	Type Rating	Unimpeded Flow Capacity	In combination Flow Capacity	Certificates
		Inch-mm	VAC/VDC			CFM-m ³ /hr	CFM-m ³ /hr	
FTEC10(*)4X	Exhaust Filter	4-110X110	-	TYPE 12	IP 54	-	-	UL-CSA-CE
FTEC10(*)4X-115SB	Fan Filter		115 AC			15-26	11-19	UL-CSA-CE
FTEC10(*)4X-230SB			230 AC			15-26	11-19	UL-CSA-CE
FTEC10(*)4X-(**)SB			12/24/48 DC			38-65	26-45	UL-CSA-CE
FTEC10(*)5Z	Exhaust Filter		-	TYPE 3R	IP 55	-	-	UL-CSA-CE
FTEC10(*)5Z-115SB	Fan Filter		115 AC			14-24	10-17	UL-CSA-CE
FTEC10(*)5Z-230SB			230 AC			14-24	10-17	UL-CSA-CE
FTEC10(*)5Z-(**)SB			12/24/48 DC			35-60	22-37	UL-CSA-CE
FTEC16(*)4X	Exhaust Filter	6-116X116	-	TYPE 12	IP 54	-	-	UL-CSA-CE
FTEC16(*)4X-115SB	Fan Filter		115 AC			42-70	35-60	UL-CSA-CE
FTEC16(*)4X-230SB			230 AC			42-70	35-60	UL-CSA-CE
FTEC16(*)4X-(**)SB			12/24/48 DC			42-70	35-60	UL-CSA-CE
FTEC16(*)5Z	Exhaust Filter		-	TYPE 3R	IP 55	-	-	UL-CSA-CE
FTEC16(*)5Z-115SB	Fan Filter		115 AC			35-60	30-50	UL-CSA-CE
FTEC16(*)5Z-230SB			230 AC			35-60	30-50	UL-CSA-CE
FTEC16(*)5Z-(**)SB			12/24/48 DC			35-60	30-50	UL-CSA-CE
FTEC20(*)4X	Exhaust Filter	8-206X206	-	TYPE 12	IP 54	-	-	UL-CSA-CE
FTEC20(*)4X-115SB	Fan Filter		115 AC			95-160	70-120	UL-CSA-CE
FTEC20(*)4X-230SB			230 AC			95-160	70-120	UL-CSA-CE
FTEC20(*)4X-(**)SB			12/24/48 DC			90-152	70-120	UL-CSA-CE
FTEC20(*)5Z	Exhaust Filter		-	TYPE 3R	IP 55	-	-	UL-CSA-CE
FTEC20(*)5Z-115SB	Fan Filter		115 AC			80-135	60-100	UL-CSA-CE
FTEC20(*)5Z-230SB			230 AC			80-135	60-100	UL-CSA-CE
FTEC20(*)5Z-(**)SB			12/24/48 DC			76-128	57-97	UL-CSA-CE
FTEC26(*)4X	Exhaust Filter	10-260X260	-	TYPE 12	IP 54	-	-	UL-CSA-CE
FTEC26(*)4X-115SBS	Fan Filter		115 AC			137-230	120-205	UL-CSA-CE
FTEC26(*)4X-230SBS			230 AC			137-230	120-205	UL-CSA-CE
FTEC26(*)4X-(**)SBS			12/24/48 DC			130-220	115-195	UL-CSA-CE
FTEC26(*)4X-115SB			115 AC			165-280	147-250	UL-CSA-CE
FTEC26(*)4X-230SB	230 AC		165-280			147-250	UL-CSA-CE	
FTEC26(*)4X-(**)SB	12/24/48 DC		170-290			150-255	UL-CSA-CE	
FTEC26(*)4X-115SBB	115 AC		230-390			182-310	UL-CSA-CE	
FTEC26(*)4X-230SBB	230 AC		230-390	182-310	UL-CSA-CE			
FTEC26(*)5Z	Exhaust Filter		-	TYPE 3R	IP 55	-	-	UL-CSA-CE
FTEC26(*)5Z-115SBS	Fan Filter		115 AC			130-220	100-170	UL-CSA-CE
FTEC26(*)5Z-230SBS			230 AC			130-220	100-170	UL-CSA-CE
FTEC26(*)5Z-(**)SBS			12/24/48 DC			117-200	105-180	UL-CSA-CE
FTEC26(*)5Z-115SB			115 AC			150-255	130-220	UL-CSA-CE
FTEC26(*)5Z-230SB	230 AC		150-255			130-220	UL-CSA-CE	
FTEC26(*)5Z-(**)SB	12/24/48 DC		155-265			137-230	UL-CSA-CE	
FTEC26(*)5Z-115SBB	115 AC	190-325	153-260			UL-CSA-CE		
FTEC26(*)5Z-230SBB	230 AC	190-325	153-260	UL-CSA-CE				
FTEC32(*)4X	Exhaust Filter	12-326X326	-	TYPE 12	IP 54	-	-	UL-CSA-CE
FTEC32(*)4X-115SB	Fan Filter		115 AC			380-645	220-375	UL-CSA-CE
FTEC32(*)4X-230SB			230 AC			380-645	220-375	UL-CSA-CE
FTEC32(*)4X-(**)SB			48 DC			550-935	330-560	UL-CSA-CE
FTEC32(*)4X-115SBB			115 AC			450-765	290-492	UL-CSA-CE
FTEC32(*)4X-230SBB			230 AC			450-765	290-492	UL-CSA-CE
FTEC32(*)4X-115SBG			115 AC			625-1,060	430-730	UL-CSA-CE
FTEC32(*)4X-230SBG	230 AC		625-1,060	430-730	UL-CSA-CE			
FTEC32(*)4X-460SBG	460 AC		625-1,060	430-730	UL-CSA-CE			
FTEC32(*)5Z	Exhaust Filter		-	TYPE 3R	IP 55	-	-	UL-CSA-CE
FTEC32(*)5Z-115SB	Fan Filter		115 AC			350-595	190-320	UL-CSA-CE
FTEC32(*)5Z-230SB			230 AC			350-595	190-320	UL-CSA-CE
FTEC32(*)5Z-(**)SB			48 DC			500-850	280-475	UL-CSA-CE
FTEC32(*)5Z-115SBB			115 AC			418-712	235-400	UL-CSA-CE
FTEC32(*)5Z-230SBB		230 AC	418-712			235-400	UL-CSA-CE	
FTEC32(*)5Z-115SBG		115 AC	595-1,010			420-715	UL-CSA-CE	
FTEC32(*)5Z-230SBG	230 AC	595-1,010	420-715	UL-CSA-CE				
FTEC32(*)5Z-460SBG	460 AC	595-1,010	420-715	UL-CSA-CE				

FTEC

Ariel Technology Inc.
 9-1111 Gorham Street
 Newmarket, Ontario
 Canada L3Y 8X8

Tel: 905-895-5900
 Toll Free: 1-855-895-5900
 www.arieltech.ca
 sales@arieltech.ca

ARIELTECH®