

FTEC20 series Performance Chart - 8" Fan Filter and Exhaust Filter

NEMA Rating	Type 12			Type 3R		
	IP 54			IP 55		
Filter Media	G3			G4		
Rated Voltage	1VAC	2VAC	12/24/48 VDC	1VAC	2VAC	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	FTEC20L4X-115SB	FTEC20L4X-230SB	FTEC20L4X-(*)DSB	FTEC20L5(**)-115SB	FTEC20L5(**)-230SB	FTEC20L5(**)-(*)DSB
RAL 7032 Dark Gray	FTEC20D4X-115SB	FTEC20D4X-230SB	FTEC20D4X-(*)DSB	FTEC20D5(**)-115SB	FTEC20D5(**)-230SB	FTEC20D5(**)-(*)DSB
RAL 9011 Black	FTEC20B4X-115SB	FTEC20B4X-230SB	FTEC20B4X-(*)DSB	FTEC20B5(**)-115SB	FTEC20B5(**)-230SB	FTEC20B5(**)-(*)DSB
Flow Capacity (CFM-m ³ /hr at 60/50 Hz) and Maximum Static Pressure (in H ₂ O-Pa at 60/50 Hz)						
Unimpeded	95/90-160/152	95/90-160/152	90-152	80/76-135/128	80/76-135/128	76-128
In combination						
Fan Filter+Exhaust Filter	70/65-120/110	70/65-120/110	70-120	60/55-100/95	60/55-100/95	57-97
Max. Static Pressure	0.36/0.33-90/82	0.36/0.33-90/82	0.37-92	0.33/0.30-82/75	0.33/0.30-82/75	0.34-85
Fan Filter+Reverse Flow Fan Filter	80/75-135/127	80/75-135/127	77-130	70/65-120/110	70/65-120/110	67-115
Max. Static Pressure	0.39/0.34-96/85	0.39/0.34-96/85	0.40-100	0.35/0.33-87/82	0.35/0.33-87/82	0.36-90
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)	950/2.1			950/2.1		
Noise Level (dB(A))	45/41			45/41		
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			-20 to +70 / -4 to +158		
Dimensions	8.11" X 8.11" X 4.41" / 206 X 206 X 112 mm ³			8.11" X 8.11" X 4.41" / 206 X 206 X 112 mm ³		
Certificates	CSA-UL-CE			CSA-UL-CE		
Exhaust Filter-Colors	Type 12-IP 54			Type 3R-IP55		
RAL 7035 Light Gray	FTEC20L4X			FTEC20L5(**)		
RAL 7032 Dark Gray	FTEC20D4X			FTEC20D5(**)		
RAL 9011 Black	FTEC20B4X			FTEC20B5(**)		
Dimensions	8.11" X 8.11" X 1.22" / 206 X 206 X 31 mm ³			8.11" X 8.11" X 1.22" / 206 X 206 X 31 mm ³		
Weight (gr/lb)	300/0.66			300/0.66		
Certificates	CSA-UL-CE			CSA-UL-CE		
Accessories						
Replacement Filter Media	FTEC20-FM-4			FTEC20-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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