



# FTEC32G series Performance Chart - 12" Fan Filter and Exhaust Filter

NEMA Rating	Type 12			Type 3R		
	IP 54			IP 55		
Filter Media	G3			G4		
Rated Voltage	100-120 VAC	200-240/440-480 VAC	12/24/48 VDC	100-120 VAC	200-240/440-480 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	FTEC32L4X-115SBG	FTEC32L4X-6BG	FTEC32L4X-DSB	FTEC32L5(**)-115SBG	FTEC32L5(**)-6BG	FTEC32L5(**)-DSB
RAL 7032 Dark Gray	FTEC32D4X-115SBG	FTEC32D4X-6BG	FTEC32D4X-DSB	FTEC32D5(**)-115SBG	FTEC32D5(**)-6BG	FTEC32D5(**)-DSB
RAL 9011 Black	FTEC32B4X-115SBG	FTEC32B4X-6BG	FTEC32B4X-DSB	FTEC32B5(**)-115SBG	FTEC32B5(**)-6BG	FTEC32B5(**)-DSB
<b>Flow Capacity (CFM-m<sup>3</sup>/hr at 60/50 Hz) and Maximum Static Pressure (in H<sub>2</sub>O-Pa at 60/50 Hz)</b>						
Unimpeded	625/595-1,060/1,010	625/595-1,060/1,010	550-935	595/565-1,010/960	595/565-1,010/960	500-850
In combination						
Fan Filter+Exhaust Filter	430/410-730/695	430/410-730/695	330-560	420/400-715/680	420/400-715/680	280-475
Max. Static Pressure	0.82/0.77-205/192	0.82/0.77-205/192	0.60/150	0.80/0.76-198/188	0.80/0.76-198/188	0.54-135
Fan Filter+Reverse Flow Fan Filter	570/540-968/917	570/540-968/917	450-765	530/510-900/866	530/510-900/866	400-680
Max. Static Pressure	0.88/0.84-220/210	0.56/0.51-140/128	0.72-180	0.84/0.81-210/202	0.84/0.81-210/202	0.62-155
<b>Other Fan Filters Data</b>						
Rated Current (A)	0.913/0.826 ± 10%	0.456/0.413 ± 10%	1.4	0.913/0.826 ± 10%	0.456/0.413 ± 10%	1.4
Weight (gr/lb)	3,700/8.16			3,700/8.16		
Noise Level (dB(A))	68/70		60	68/70		60
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	12.84" X 12.84" X 6.38" / 326 X 326 X 162 mm <sup>3</sup>			12.84" X 12.84" X 6.38" / 326 X 326 X 162 mm <sup>3</sup>		
Certificates	CSA and UL Pending-CE			CSA and UL Pending-CE		
Exhaust Filter-Colors	Type 12-IP 54			Type 3R-IP55		
RAL 7035 Light Gray	FTEC32L4X			FTEC32L5(**)		
RAL 7032 Dark Gray	FTEC32D4X			FTEC32D5(**)		
RAL 9011 Black	FTEC32B4X			FTEC32B5(**)		
Dimensions	12.84" X 12.84" X 1.22" / 326 X 326 X 31 mm <sup>3</sup>			12.84" X 12.84" X 1.22" / 326 X 326 X 31 mm <sup>3</sup>		
Weight (gr/lb)	750/1.65			750/1.65		
Certificates	CSA-UL-CE			CSA-UL-CE		
<b>Accessories</b>						
Replacement Filter Media	FTEC32-FM-4			FTEC32-FM-5		
NO Thermostat (°C)	TTEC-200-C		-	TTEC-200-C		-
NO Thermostat (°F)	TTEC-200-F		-	TTEC-200-F		-

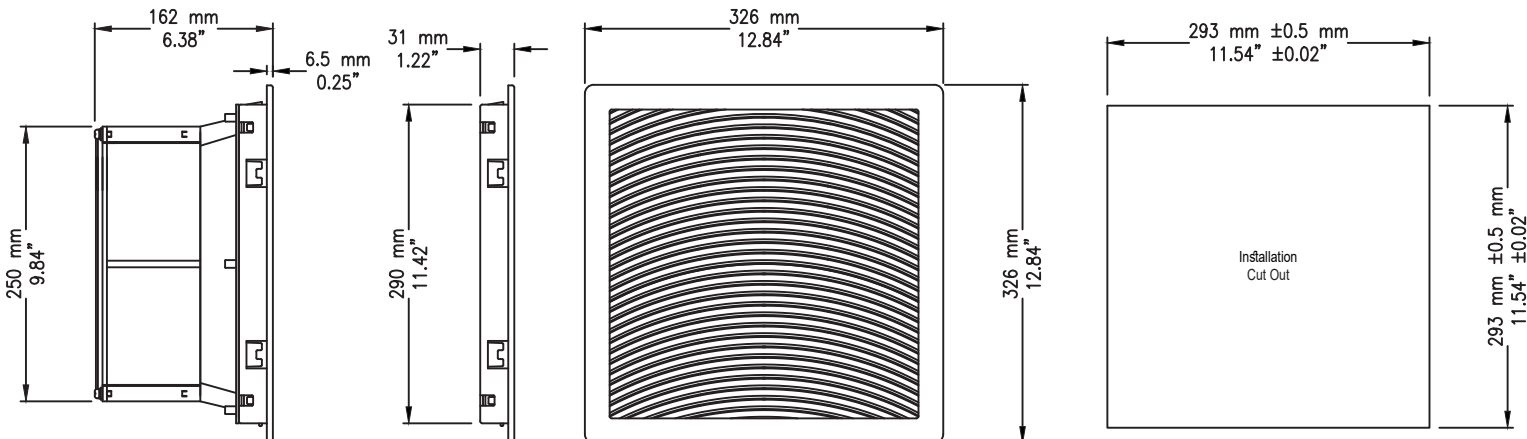
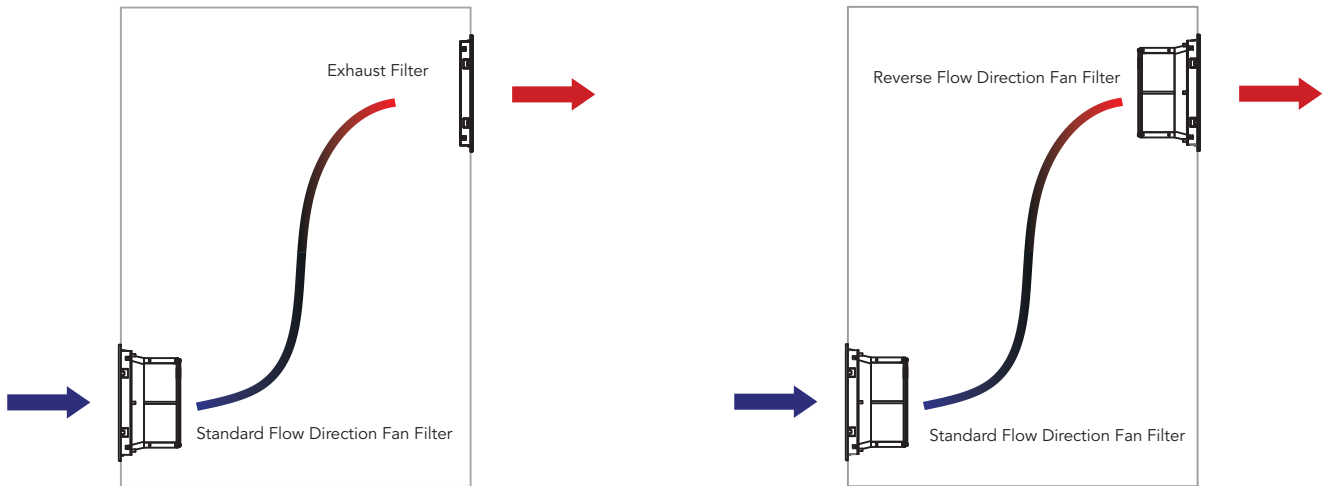
(\*) 12 means 12 VDC, 24 means 24 VDC, and 48 means 48 VDC

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

(\*\*\*) 230 represents 230 VAC and 440 represents 460 VAC

(\*\*\*\*) Flow capacity at 90 VAC - 60 Hz (Type 12) is 520 CFM

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