

# Filter Grille (FG) EAC Specifications



## Next-Gen EAC Technology:

Proprietary power grids, the first major technological breakthrough in EAC technology in 30 years, eliminate ionizing wires, pins and plates. Dirty air is pulled into the EAC and everything between the two power grids - particles and disposable collection media - is polarized with 24,000 VDC of opposite polarity (+/-) power, causing airborne particles to attach to themselves and the collection media. The collection media's depth loading properties enables our system to collect up to 20 times more particles than conventional EACs. Our EAC operates at the lowest initial static pressure that slowly increases while it loads, optimizing air flow, BTU delivery efficiency, and reducing equipment run time.

Rectangular EAC		Media 5-Packs
Nominal Size (in)	Model #	Part #
12 x 24	FG241224	AADM1224
14 x 20	FG241420	AADM1420
14 x 24	FG241424	AADM1424
14 x 25	FG241425	AADM1425
14 x 30	FG241430	AADM1430
15 x 20	FG241520	AADM1520
16 x 20	FG241620	AADM1620
16 X 21	FG241621	AADM1621
16 x 24	FG241624	AADM1624
16 x 25	FG241625	AADM1625
16 x 30	FG241630	AADM1630
18 x 20	FG241820	AADM1820
20 x 24	FG242024	AADM2024
20 x 25	FG242025	AADM2025
20 x 30	FG242030	AADM2030
20 x 36	FG242036	AADM2036
20 x 40	FG242040	AADM2040
Square EAC		Media 5-Packs
14 x 14	FG241414	AADM1414
16 x 16	FG241616	AADM1616
18 x 18	FG241818	AADM1818
20 x 20	FG242020	AADM2020
24 x 24	FG242424	AADM2424
25 x 25	FG242525	AADM2525



**FG EAC Model shown installed into a 1" R/A Filter Grille**

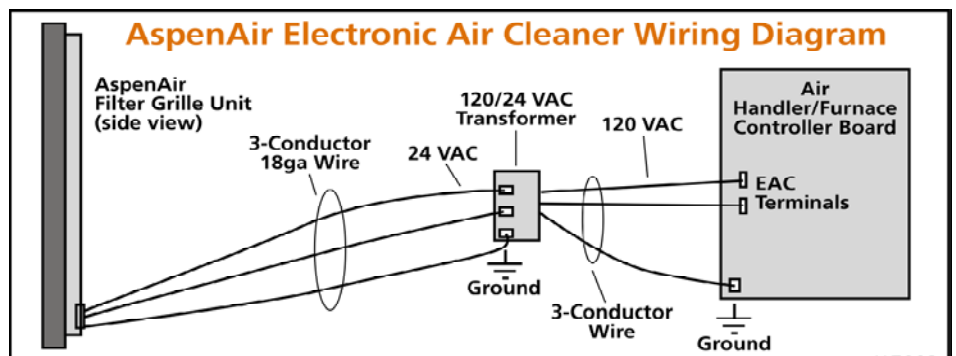
FG EAC SPECIFICATIONS	
Rated Air Flow:	400-2800 CFM
Initial Pressure Drop	.11 @ 300 FPM .245 @ 500 FPM
Max Pressure Drop	1.0 in. w.g.
Capture Rate	99% down to 0.1 microns
Bacterial Kill Rate	99% in 1 hour
Electrical Input	Class 2, 24VAC
Required Wiring	18 gauge / 3 conductor wire
Power Consumption	2 Watts
FG EAC Weight	5 - 10 lbs
Warranty	Limited 5 years

<b>Media Roll</b>	<b>50 feet x 25"</b>	<b>AADMR</b>
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## Filter Grille (FG) EAC Notes:

1. Fits into existing 1" or 2" R/A filter grilles.
2. R/A filter grille not included.
3. FG EAC's are 3" deep.
4. EAC's come standard 24VAC.
5. 24VAC Transformer (Minimum 6VA) required but not included.
6. Installation wire not included.
7. Shipped one FG EAC per carton.
8. Replace media 1 to 2 times per year. \*

\* (May vary with local conditions)



# Furnace Mount (FM) EAC Specifications



## Furnace Mount (FM) EAC Product Features:

The FM model incorporates the same technology as the FG model while being the slimmest cabinet-style EAC on the market today. The FM EAC, only 3 3/4" wide, along with our RetroTrak kit, quickly retrofits into virtually all competitor's media and EAC cabinets. Our proprietary SlimLine Cabinet is rated up to 400lbs and is only 4 5/8" wide.



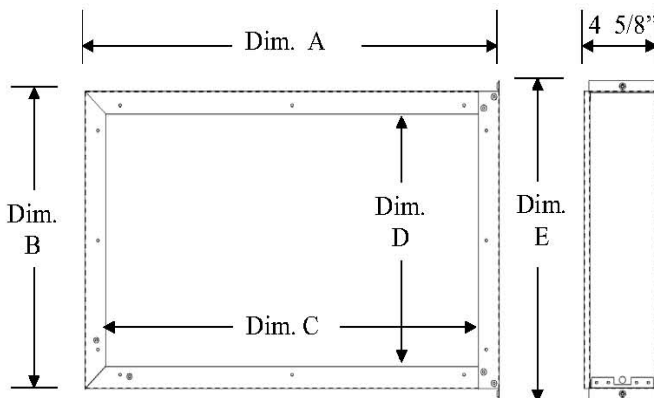
**FM EAC Model shown partially removed from SlimLine Cabinet (Door not shown)**

FM EAC w/ SlimLine Cabinet "C" (Pre-Wired & Shipped in Cabinet)		Media 5-Packs
Actual Size (in)	Model #	Part #
16 3/8 x 21 x 4 5/8	FM241620C	AADM1620
16 3/8 x 25 x 4 5/8	FM241624C	AADM1624
20 3/8 x 21 x 4 5/8	FM242020C	AADM2020
20 3/8 x 25 x 4 5/8	FM242024C	AADM2024
FM EAC only (RetroTrak Kit Included)		Media 5-Packs
16 x 20 1/4 x 3 3/4	FM241620	AADM1620
16 x 24 1/4 x 3 3/4	FM241624	AADM1624
20 x 20 1/4 x 3 3/4	FM242020	AADM2020
20 x 24 1/4 x 3 3/4	FM242024	AADM2024
SlimLine Cabinet "H" only (FM EAC Not Included)		
16 3/8 x 21 x 4 5/8	FM241620H	
16 3/8 x 25 x 4 5/8	FM241624H	
20 3/8 x 21 x 4 5/8	FM242020H	
20 3/8 x 25 x 4 5/8	FM242024H	

<b>Media Roll</b>	<b>50 feet x 25"</b>	<b>AADMR</b>
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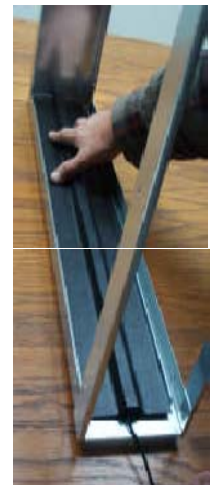
## Furnace Mount (FM) EAC Notes:

- "C" Models - EAC & Cabinet shipped in same carton.
- 24VAC Transformer (Minimum 6VA) required but not included.



FM EAC SPECIFICATIONS	
Rated Air Flow	16 x 20 1200 CFM 20 x 20 1400 CFM 16 x 24 1400 CFM 20 x 24 2000 CFM
Initial Pressure Drop	.11 @ 300 FPM .245 @ 500 FPM
Max Pressure Drop	1.0 in. w.g.
Capture Rate	99% down to 0.1 microns
Bacterial Kill Rate	99% in 1 hour
Electrical Input	Class 2, 24VAC
Required Wiring	18 gauge / 3 conductor wire
Power Consumption	2 Watts
FM EAC Weight	5 - 7 lbs
Cabinet Weight	10 - 12 lbs
Warranty	Limited 5 years

**RetroTrak kit:**  
1 of 2 traks installed w/ double sided tape in filter cabinet.  
Notice wiring ran under RetroTrak.



FM EAC Model	DIM. A (IN)	DIM. B (IN)	DIM. C (IN)	DIM. D (IN)	DIM. E (IN)
FM241620	21	16 3/8	18 1/2	13 7/8	17 1/2
FM241624	25	16 3/8	22 1/2	13 7/8	17 1/2
FM242020	21	20 3/8	18 1/2	16 7/8	21 1/2
FM242024	25	20 3/8	22 1/2	16 7/8	21 1/2