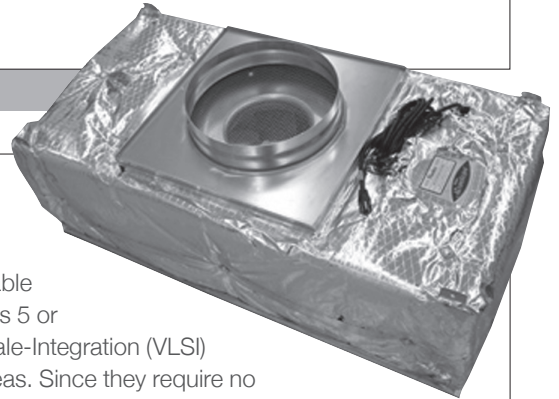


Model 39 Airvelope®

FAN/FILTER MODULES



- Self-powered cleanroom ceiling modules
- Independent source of HEPA filtration
- Roomside replaceable HEPA filter
- Washable foam prefilter
- High-efficiency air filtration without ductwork or air handling equipment

AAF Flanders' Model 39 Airvelope Fan/Filter Module is an energy efficient, self-powered HEPA filter module, with replaceable HEPA filter, that delivers ISO Class 5 or better airflow into Very-Large-Scale-Integration (VLSI) Cleanrooms or clean process areas. Since they require no ductwork or external air handling equipment, these modules can be placed in almost any location.

Model 39 Airvelope Modules are designed for placement in standard 1½" T-Bar ceiling grids. Whether used individually or in groups, Airvelope Fan/Filter Modules offer a ready and economical solution for new cleanroom facilities, cleanroom facility upgrades, and isolated or "spot" process areas.

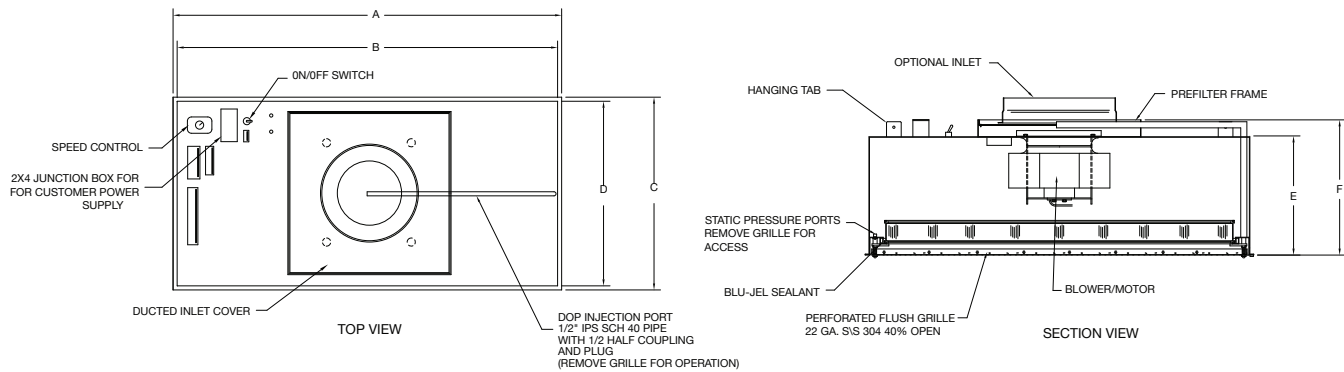
Standard Features

- Each model is offered in nominal sizes of 24" x 24" or 24" x 48" for placement in standard 1½" T-bar ceiling grids
- Quiet operation: only 64 dBA at 90 FPM as measured 30" from the filter
- Variable speed control of airflow, from 50% to 100% of maximum
- Low height allows installation with minimum overhead space
- All-aluminum housing is lightweight and resistant to corrosion
- Motor/blower assembly is easily removable from roomside for service
- Protective grille protects the filter media while providing a finished appearance to the installed unit
- Choose from two performance levels:
 - HEPA (99.99% minimum efficiency on 0.3 µm particle size)
 - ULPA (99.9995% minimum efficiency on 0.12 µm particle size)
- Stainless steel grille
- 10-foot power cord
- 10", 12" and 14" duct collar for direct connection to HVAC system

Model 39 Airvelope® Fan/Filter Modules

Product Information

Nominal Size (inches)	Exact Dimensions (inches)						Weight (lbs.)	
	A	B	C	D	E	F	AL	SS
24 X 48	47 ¹ / ₁₆	46 ¹ / ₁₆	23 ¹ / ₁₆	22 ¹ / ₁₆	14 ¹ / ₂	16 ⁵ / ₈	60	75
24 X 24	23 ¹ / ₁₆	22 ¹ / ₁₆	23 ¹ / ₁₆ [*]	22 ¹ / ₁₆	14 ¹ / ₂	16 ⁵ / ₈	40	50



	Nominal Size (inches)	
	24 x 48	24 x 24
Capacity – CFM (Max/Min)	800/415	400/225
Motor size	1/3 HP	
Run Amps @ 115 Volts (Low/High)	1.9 – 2.3	
Noise Level	64dBA As measured 30 from the filter @ 90 FPM	

Airvelope® is a registered trademark of Flanders Corporation in the U.S.

AAF | Flanders®

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AAF Flanders has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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ISO Certified Firm

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