

HEPA Modules

AstroHood® S-III RSR-III

Product Overview

- Visually pleasing room side design
- Leak free module - extruded aluminium material with fully welded corners
- Available for gasket or gel seal filter
- Tool free filter and supply air grille installation
- Prefixed air entry distribution plate
- Hygienic design - no gap between supply air grille and module
- Standard and high capacity filters are interchangeable
- Perforated or Swirl supply air grille available
- No centre divider - increase filter area and unrestricted airflow uniformity
- Patent pending test port providing excellent airflow uniformity



Filter Specification

EN1822	H13 - U17
Filter Depth (mm)	117, 128
Media Type (Standard)	Fibreglass
Media Type (Optional)	ePTFE, eFRM
Frame Material	Aluminium
Separator Style	Hot Melt
Gasket Material (Standard)	PU, PU Gel
Gasket Material (Optional)	Neoprene, EPDM, Silicone Gel
Gasket Position	Upstream
Faceguard Position	Both Sides
Antimicrobial Available	No
Recommended Final Resistance	500 Pa
Max Operating Temperature	70°C
Air Filtration Certificate	UL 900, FM 4920

Housing Specification

Housing Depth (mm)	258
Housing Material	Aluminium
Supply Air Grille	Perforated, Swirl
Supply Air Grille Material (Standard)	GI Finished with Epoxy Coated
Supply Air Grille Material (Optional)	Stainless Steel
Inlet Collar (mm)	200, 250, 300
Inlet Diffuser	Prefixed Distribution Plate
Top Material (Standard)	Galvalume
Top Material (Optional)	Aluminium, Stainless Steel
Special Size Available	Yes

Housing Information

Part Number	Actual Module Size mm (H x W x D)	Actual Filter Size mm (H x W x D)	Supply Air Grille
Gasket seal housing			
M13D2-11G30-319GP	570 x 570 x 258	502 x 502 x 117	Perforated
M13D2-11G30-1811GP	570 x 900 x 258	502 x 832 x 117	
M13D2-12G30-2812GP	570 x 1140 x 258	502 x 1072 x 117	
M13D2-11G30-319GS	570 x 570 x 258	502 x 502 x 117	Swirl
Gel seal housing			
M13G2-11G30-319GP	570 x 570 x 258	506 x 506 x 128	Perforated
M13G2-11G30-1811GP	570 x 900 x 258	506 x 836 x 128	
M13G2-12G30-2812GP	570 x 1140 x 258	506 x 1076 x 128	
M13G2-11G30-319GS	570 x 570 x 258	506 x 506 x 128	Swirl

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

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Filter Information

Part Number	Actual Filter Size mm (H x W x D)	Rated Airflow (CMH)	Rated Initial Resistance (Pa)	Gasket Material
H13				
MF5742-1131-1793	502 x 502 x 117	600	135	PU
MF5742-1131-2810	502 x 832 x 117	900		
MF5742-1131-2825	502 x 1072 x 117	1,200		
MF5744-1131-1793	502 x 502 x 117	1,050	200	
MF5744-1131-2810	502 x 832 x 117	1,650		
MF5744-1131-2825	502 x 1072 x 117	2,200		
MF5042-4131-2928	506 x 506 x 128	600	135	PU Gel
MF5042-4131-2929	506 x 836 x 128	900		
MF5042-4131-2930	506 x 1076 x 128	1,200		
MF5044-4131-2828	506 x 506 x 128	1,050	200	
MF5044-4131-2829	506 x 836 x 128	1,650		
MF5044-4131-2830	506 x 1076 x 128	2,200		
H14				
MF5752-1131-1793	502 x 502 x 117	600	145	PU
MF5752-1131-2810	502 x 832 x 117	900		
MF5752-1131-2825	502 x 1072 x 117	1,200		
MF5754-1131-1793	502 x 502 x 117	1,050	210	
MF5754-1131-2810	502 x 832 x 117	1,650		
MF5754-1131-2825	502 x 1072 x 117	2,200		
MF5052-4131-2928	506 x 506 x 128	600	145	PU Gel
MF5052-4131-2929	506 x 836 x 128	900		
MF5052-4131-2930	506 x 1076 x 128	1,200		
MF5054-4131-2928	506 x 506 x 128	1,050	210	
MF5054-4131-2929	506 x 836 x 128	1,650		
MF5054-4131-2930	506 x 1076 x 128	2,200		

*Other filter classifications are available upon request.

*Stainless steel supply air grille material is also available upon request.

*Filter sitting area corner of the module that is smaller than 570x570mm will be PU sealed and not welded.