



AstroHood S-III RSR-IV



Product Overview

AstroHood S-III RSR-IV HEPA module is a room side replaceable filter complete with housing which is designed to be flexibly installed, and easily maintained, ideal for applications requiring easily replaceable HEPA filters.

Key Features



Fully Room Side Serviceable

HEPA filter replaceable from room side and test port allows for room side filter integrity testing for quick and easy maintenance



Fully Welded Corners

Leak Free design prevents unfiltered air from entering the controlled environment



Gel Seal Filter Design

Reduce the risk of any filter bypass with a highly effective seal and superior air tightness



Tool Free Maintenance

Filter and supply air grille are removable without the need of tools ensuring quick and easy maintenance



Aluminium Housing Design

Lightweight aluminium housing material ensures effortless handling and resistance to corrosion



Versatile Installation

The Universal T Mounting Bracket can be repositioned along the housing perimeter, allowing flexible anchoring to the ceiling structure for secure installation

Key Highlights



Housing Specification

Housing Depth (mm)	135
Housing Material	Aluminium
Inlet Collar (mm)	200, 250, 300
Inlet Diffuser	Prefix Distribution Plate
Top Material (Standard)	Galvalume
Top Material (Optional)	Aluminium, Stainless Steel
Test Port	Yes
Special Size Available	Yes

Filter Specification

EN1822	H13 - U17
ISO 29463	ISO 35 H - ISO 75 U
Filter Depth (mm)	81
Media Type (Standard)	Fibreglass
Media Type (Optional)	ePTFE, eFRM
Frame Material	Aluminium
Separator Style	Hot Melt
Gasket Material (Standard)	PU Gel
Gasket Material (Optional)	Silicone Gel
Gasket Position	Upstream
Faceguard Position	Downstream
Antimicrobial Available	Yes
Recommended Final Resistance	500 Pa
Max Operating Temperature	70°C
UL 900 Certificate	Optional
FM 4920 Certificate	Optional

Housing Information

Part Number	Actual Housing Size* mm (H x W x D)	Actual Filter Size mm (H x W x D)
M6902-11G30-593	543 x 543 x 145	600 x 600 x 81
M6902-11G30-2817	543 x 843 x 145	600 x 900 x 81
M6902-12G30-2818	543 x 1143 x 145	600 x 1200 x 81

*Excluded flange.

Filter Information

Part Number	Actual Filter Size mm (H x W x D)	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
H13 / ISO 35 H			
MF8145-4131-333	600 x 600 x 81	600	120
MF8145-4131-702	600 x 900 x 81	900	
MF8145-4131-300	600 x 1200 x 81	1,200	
H14 / ISO 45 H			
MF8155-4131-333	600 x 600 x 81	600	145
MF8155-4131-702	600 x 900 x 81	900	
MF8155-4131-300	600 x 1200 x 81	1,200	

*Other filter classifications are available upon request.

**Customised airflow solutions are available. Please contact our sales representatives for more information.

***Above rated initial resistance does not include module construction.