



AstroHood TM



Product Overview

AstroHood TM is a HEPA ceiling module designed to house a room side replaceable filter for optimum filter performance. Its low profile and lightweight housing allows for versatile and effortless installation.

Key Features



Versatile Installation

Low profile and lightweight design allows for easier handling and installation in areas with space-constraints



Optimised Airflow

Adjustable or prefixed air entry distribution plate allows fine tuning of air distribution



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

Key Highlights



Housing Specification

Inlet Diffuser	Adjustable Distribution Plate
Top Material (Standard)	Galvalume
Top Material (Optional)	Aluminium, Stainless Steel
Special Size Available	Yes

Filter Specification

EN1822	H13, H14
ISO 29463	ISO 35 H, ISO 45 H
Filter Depth (mm)	152
Media Type	Fibreglass, ePTFE, eFRM
Frame Material	Aluminium
Separator Style	Hot Melt
Faceguard Position	Downstream
Center Divider Test Port	Yes
Inlet Collar (mm)	250, 300
Antimicrobial Available	Optional
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)	Rated Airflow (CMH)
AstroHood TM without Flange			
M690-280-043	600 x 600 x 152	570 x 570 x 81	526
M690-280-005	610 x 610 x 152	580 x 580 x 81	545
M690-280-702	600 x 900 x 152	570 x 870 x 81	803
M690-280-007	610 x 915 x 152	580 x 885 x 81	831
M690-280-006	600 x 1,210 x 152	570 x 1,180 x 81	1,090
M690-280-008	610 x 1,220 x 152	580 x 1,190 x 81	1,118
AstroHood TM with Flange			
M690-280-043L	600 x 600 x 152	570 x 570 x 81	526
M690-280-005L	610 x 610 x 152	580 x 580 x 81	545
M690-280-702L	600 x 900 x 152	570 x 870 x 81	803
M690-280-007L	610 x 915 x 152	580 x 885 x 81	831
M690-280-006L	600 x 1,210 x 152	570 x 1,180 x 81	1,090
M690-280-008L	610 x 1,220 x 152	580 x 1,190 x 81	1,118

*Excluded flange

Filter Information

Part Number	Actual Filter Size mm (H x W x D)	Rated Airflow (CMH)	Initial Resistance (Pa)
AstroCel RSC			
H13 / ISO 35 H			
M504-203-319	570 x 570 x 81	526	104
M504-203-264	580 x 580 x 81	545	
M504-203-985	570 x 870 x 81	803	
M504-203-1361	580 x 885 x 81	831	
M504-203-413	570 x 1,180 x 81	1,090	
M504-203-1072	580 x 1,190 x 81	1,118	
H14 / ISO 45 H			
M505-203-319	570 x 570 x 81	526	130
M505-203-264	580 x 580 x 81	545	
M505-203-985	570 x 870 x 81	803	
M505-203-1361	580 x 885 x 81	831	
M505-203-413	570 x 1,180 x 81	1,090	
M505-203-1072	580 x 1,190 x 81	1,118	
MEGAcel ME RSC			
H13 / ISO 35 H			
M5044-4203-319	570 x 570 x 81	526	50
M5044-4203-264	580 x 580 x 81	545	
M5044-4203-413	570 x 1180 x 81	1,090	
M5044-4203-1072	580 x 1190 x 81	1,118	
H14 / ISO 45 H			
M5054-4203-319	570 x 570 x 81	526	60
M5054-4203-264	580 x 580 x 81	545	
M5054-4203-413	570 x 1180 x 81	1,090	
M5054-4203-1072	580 x 1190 x 81	1,118	
U15 / ISO 55 U			
M5074-4203-319	570 x 570 x 81	526	70
M5074-4203-264	580 x 580 x 81	545	
M5074-4203-413	570 x 1180 x 81	1,090	
M5074-4203-1072	580 x 1190 x 81	1,118	
U16 / ISO 65 U			
M5084-4203-319	570 x 570 x 81	526	85
M5084-4203-264	580 x 580 x 81	545	
M5084-4203-413	570 x 1180 x 81	1,090	
M5084-4203-1072	580 x 1190 x 81	1,118	
MEGAcel RSC			
H13 / ISO 35 H			
M5044-4403-319	570 x 570 x 81	526	70
M5044-4403-264	580 x 580 x 81	545	
M5044-4403-413	570 x 1180 x 81	1090	
M5044-4403-1072	580 x 1190 x 81	1,118	
H14 / ISO 45 H			
M5054-4403-319	570 x 570 x 81	526	80
M5054-4403-264	580 x 580 x 81	545	
M5054-4403-413	570 x 1180 x 81	1,090	
M5054-4403-1072	580 x 1190 x 81	1,118	

*Above rated initial resistance does not include module construction.

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