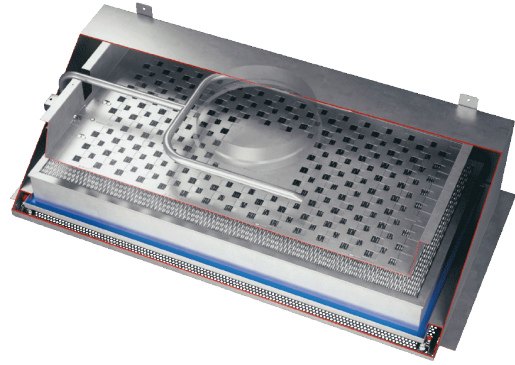




AstroHood S-I

Product Overview

- Slide damper design allows for superior airflow distribution and fine adjustment
- Roomside replaceable HEPA filter for quick and easy maintenance
- Airflow adjustment and testing also available from roomside
- Continuous seal welding eliminates leak paths and adds strength
- Easy lay-in installation in a standard tee-bar ceiling
- Adaptable for horizontal or exhaust applications
- Gel seal design prevents bypass/leakage
- Lightweight and corrosion resistant housing
- Fully welded



Filter Specification

EN1822	H14
Filter Depth (mm.)	69, 93
Media Type	Fibreglass, eFRM
Frame Material	Aluminium
Separator Style	Hot Melt
Gasket Material	Gel
Gasket Position	Downstream
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.)	250
Housing Material	Stainless Steel
Supply Air Grille (Standard)	Perforated
Supply Air Grille (Optional)	Swirl, Directional
Supply Air Grille Material (Standard)	Stainless Steel
Supply Air Grille Material (Optional)	GI Finished with Epoxy Coated, Aluminium
Inlet Diffuser	ESD damper
Top Material	Stainless Steel
Special Size Available	Yes
Aerosol Injection Port	Yes
Upstream Concentration Port	Yes

Housing Information

Article No.	Actual Housing Size* mm (H x W x D)	Inlet Size mm (H x W)	Actual Filter Size mm (H x W)
E1040001	480 x 480 x 250	250 x 250	420 x 420
E1040014	630 x 630 x 250	320 x 250	570 x 570
E1040003	695 x 695 x 250	320 x 320	635 x 635
E1040004	760 x 760 x 250	320 x 320	700 x 700
E1040015	850 x 850 x 250	400 x 320	790 x 790

*Excluded flange. Flange size is 20 mm.

Filter Information

Article No.	Actual Size mm (H x W x D)	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
AstroCel II			
H1041016	420 x 420 x 69	300	165
H1041017	570 x 570 x 69	600	
H1041018	635 x 635 x 69	780	
H1041019	700 x 700 x 69	970	
H1041020	790 x 790 x 69	1,220	
H1041021	420 x 420 x 93	500	200
H1041022	570 x 570 x 93	1,000	
H1041023	635 x 635 x 93	1,250	
H1041024	700 x 700 x 93	1,500	
H1041025	790 x 790 x 93	2,000	
MEGAcel II eFRM			
H2101011	420 x 420 x 93	500	110
H2101012	570 x 570 x 93	1,000	
H2101013	635 x 635 x 93	1,250	
H2101014	700 x 700 x 93	1,500	
H2101015	790 x 790 x 93	2,000	

FM 4920 certificate is only applicable to filters with silicone gel applied on fibreglass media.

*Other filter classifications are available upon request.