AstroCel® I S+

Product Overview

- HEPA grade air filtration media with superior strength and anti-microbial properties
- The filter media performance was tested against bacteria and virus
- Lowest possible pressure drop without compromising antimicrobial properties
- Made of fibreglass media immobilized with antimicrobial agents to combat harmful microorganisms
- New innovation media not only traps small particles, but also minimizes the number of microbes by inhibiting their growth and reproduction

Specification

EN1822	H13, H14
JIS Z 2801*	99.9%**
ISO 18184*	99.9%**
Filter Depth (mm)	149, 292
Media Type	Fibreglass with antimicrobial properties
Frame Material (Standard)	Galvanised Steel
Frame Material (Optional)	Aluminium, Stainless Steel Plywood, Particle Board
Separator Style	Aluminium
Gasket Material (Standard)	Neoprene
Gasket Material (Optional)	PU, EPDM, PU Gel
Gasket Position (Standard)	Downstream
Gasket Position (Optional)	Upstream, Both Sides
Faceguard	No
Special Size Available	Yes
Header Type	None Header
Recommended Final Resistance	750 Pa
Max Operating Temperature	90°C

Product Information

Part Number	Actual Size mm (H x W x D)	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
AstroCel® I S+ (H13)			
MA566-203-004	610 x 305 x 149	425	250
MA566-203-005	610 x 610 x 149	850	
MA566-205-004	610 x 305 x 292	850	
MA566-205-005	610 x 610 x 292	1,700	
AstroCel® I S+ (H14)			
MA563-203-004	610 x 305 x 149	425	260
MA563-203-005	610 x 610 x 149	850	
MA563-205-004	610 x 305 x 292	850	
MA563-205-005	610 x 610 x 292	1,700	
AstroCel® I S+ HC (H13)			
MA556-203-004	610 x 305 x 149	850	360
MA556-203-005	610 x 610 x 149	1,700	
MA556-205-004	610 x 305 x 292	1,700	
MA556-205-005	610 x 610 x 292	3,400	

**The test on filter media was done in a controlled environment. Actual performance may differ in different conditions and environments.*
***The efficiency shown applies only to the tested specimens (Influenza A virus (H1N1), Human Coronavirus 229E and Escherichia coli). Performance against other viruses and bacteria may vary.*