AstroCel II S+

Product Overview

- HEPA grade air filtration media with superior strength and antimicrobial 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
ISO 29463	ISO 35 H, ISO 45 H
JIS Z 2801*	100%**
ISO 18184*	99.9%**
Filter Depth (mm)	69, 93, 117
Media Type	Fibreglass with antimicrobial properties
Frame Material	Aluminium
Separator Style	Hot Melt
Gasket Material (Standard)	PU
Gasket Material (Optional)	Neoprene, EPDM
Gasket Position (Standard)	Downstream
Gasket Position (Optional)	Both Sides, Upstream
Faceguard	Both Sides
Special Size Available	Yes
Antimicrobial Available	Yes
Recommended Final Resistance	500 Pa
Max Operating Temperature	70ºC

Product Information

Part Number	Actual Size mm (H x W x D)	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
H13 / ISO 35 H			
MA574-223-005	610 x 610 x 69	603	115
MA574-223-008	610 x 1220 x 69	1,206	
MA574-323-005	610 x 610 x 93	603	85
MA574-323-008	610 x 1220 x 93	1,206	
MA574-423-005	610 x 610 x 117	603	75
MA574-423-008	610 x 1220 x 117	1,206	
H14 / ISO 45 H			
MA575-223-005	610 x 610 x 69	603	135
MA575-223-008	610 x 1220 x 69	1,206	
MA575-323-005	610 x 610 x 93	603	95
MA575-323-008	610 x 1220 x 93	1,206	
MA575-423-005	610 x 610 x 117	603	80
MA575-423-008	610 x 1220 x 117	1,206	

**The test on filter media was done in a controlled environment. Actual performance may differ in different conditions and environments.*
***The efficacy shown applies only to the tested specimens: COVID-19 (SARS-CoV-2), Influenza A virus (H1N1), Human Coronavirus 229E, Staphylococcus aureus, and Escherichia coli. All tests were conducted on media that had been exposed to specific viruses and bacteria within a specific regulated time period of 24 hours of contact time, aside from SARS-CoV-2, which had 30 minutes of contact time. Performance against other viruses and bacteria may vary.*