



## AstroCel III / S+

### Product Overview

#### AstroCel III

- Ideal for demanding operating conditions in critical applications
- Longer service life
- Low energy consumption and lower resistance to airflow

#### AstroCel III S+

- 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
JIS Z 2801*	100%**
ISO 18184*	99.9%**
Filter Depth (mm)	292
Media Type	Fibreglass, Fibreglass with antimicrobial properties
Frame Material (Standard)	Galvanised Steel
Frame Material (Optional)	Stainless Steel, Aluminium
Separator Style	Hot Melt
Gasket Material (Standard)	PU
Gasket Material (Optional)	Neoprene, EPDM
Gasket Position (Standard)	Downstream
Gasket Position (Optional)	Upstream, Both Sides
Special Size Available	No
Antimicrobial Available	Optional
Header Type	None Header
Recommended Final Resistance	750 Pa
Max Operating Temperature	70°C
Air Filtration Certificate	UL 900

### Product Information

Part Number	Actual Size mm (H x W x D)	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
<b>H13</b>			
M370-206-004	610 x 305 x 292	1,700	250
M570-206-004	610 x 305 x 292	2,000	
M370-206-005	610 x 610 x 292	3,400	
M570-206-005	610 x 610 x 292	4,000	
<b>H13 S+</b>			
MA570-206-004	610 x 305 x 292	1,750	250
MA570-206-005	610 x 610 x 292	3,500	
<b>H14</b>			
M371-206-004	610 x 305 x 292	1,500	250
M571-206-004	610 x 305 x 292	1,750	
M371-206-005	610 x 610 x 292	3,000	
M571-206-005	610 x 610 x 292	3,500	

\*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.