

THE WORLD LEADER IN CLEAN AIR SOLUTIONS

AstroPure 1700V with H14 HEPA Filter

INSULATED AIR PURIFIER



Advantages & Benefits

- Suitable for indoors requiring negative pressure
- Ideally designed to improve the air quality of the recirculation air by removing PM2.5, bacteria, and virus
- Designed with the combination of two-stage filtration, which is supplied as a total clean air solutions, to remove airborne particulate contaminants
- Designed with variable speed controller to regulate the airflow
- Custom-made is available to meet customers specific requirements
- Designed with insulated double-wall, incorporated with low noise design
- Self-contained system for quick installation (plug and play)
- Easy operation and maintenance
- Superior protection from installed filters and optional UV light
- 100% individually leak-free tested

Designed for Filtering the Contaminated Indoor Air

AstroPure 1700V is designed to install with the combination of a first stage and HEPA filter within a self-contained stand-alone unit.

Economical and Easy Installation

No messy work modifications required. Simply install the air filters and dispose when no longer effective.

Intensify Germicidal Protection

Intelligently engineered to kill pathogens while maintaining higher filtration performance. The optional UV lamp protection emits 254 nm germicidal wavelength which prevents the O₃ production that is responsible for faster degradation of filters while keeping the appropriate range to kill bacteria and viruses. Installing UV lamp will provide wider germicidal coverage without affecting the filtration efficiency.

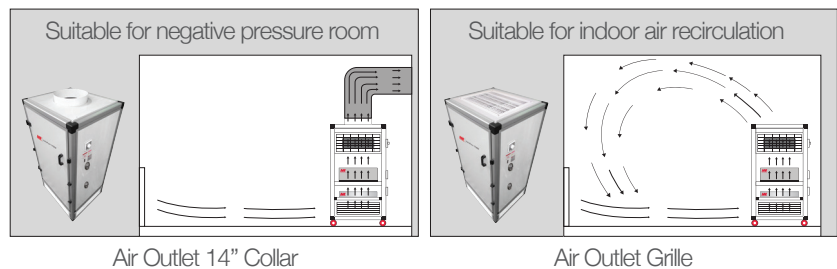
Versatile HEPA Filtration System

Conveniently convert any room into a negative pressure room without breaking the bank. The AstroPure 1700V is specially designed for healthcare facilities that require high level of cleanliness preventing airborne transmission. It can also be used as a recirculating unit in outpatient clinics, waiting areas, and other common areas where the health condition of occupants are unknown.

Integrity Tested

AstroPure 1700V is 100% leak-free tested to reduce the risk of airborne infection. Each unit is individually tested to meet the customer's expectations for performance, quality, and durability over the life of the product.

Optional Air Outlet



AstroPure 1700V is used to draw out the indoor contaminated air in a room, the contaminated air passes the HEPA filter before releasing it to the outside environment. Negative pressure from a room prevents the spread of virus to other room, area and environment. Highly recommended to improve IAQ by recirculating indoor air and providing occupants with better health and comfort.

AAF[®]
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Bringing clean air to life.™

AstroPure 1700V

Powerful Filtration Stages

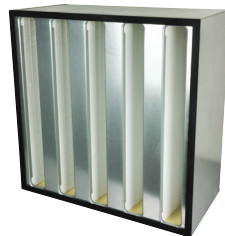
VariCel® II

Designed for high performance under both normal and difficult operating conditions. VariCel® II filters are appropriate for general HVAC applications operating with variable air volume, turbulent airflow, and high humidity. It is also available with antimicrobial properties to ensure the integrity of the media throughout the life of the filter. EPA-registered and environmentally safe, antimicrobials inhibit the growth of microorganisms documented to affect IAQ.



MEGAcel® III eFRM

The MEGAcel® III filter provides reliably high air quality to optimize contamination control and meet the stringent conditions required in cleanroom environments. It is equipped with AAF's proprietary eFRM filtration technology with supports air quality optimization for critical areas and delivers significantly lower energy consumption throughout the entire filter life cycle. Operational stability is assured because of the superior mechanical strength of this filter's eFRM membrane media. Together with its rigid frame construction, the MEGAcel® III filter provides improved filtration reliability and minimized failure risk, optimizing lifetime expectancy.



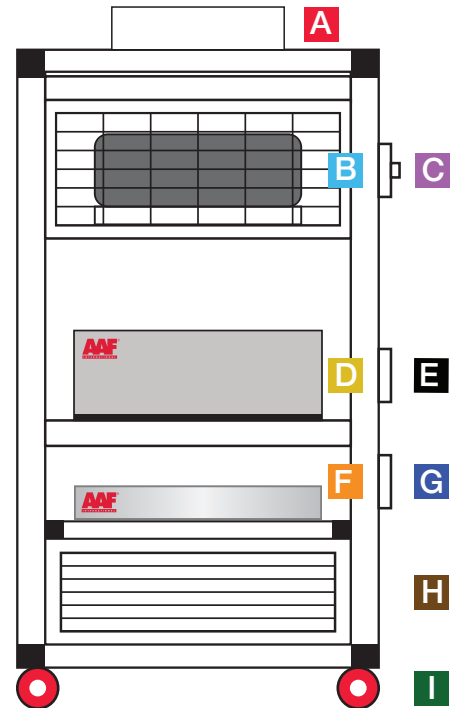
MEGAcel® III
with eFRM Filtration Technology

Specification

Air Flow	1,700 CMH
Air Outlet	14" Collar, Grille
Controller	Variable Speed
Housing Material	Double Wall Panel Construction
Housing Size	1,650 x 827 x 720 mm
Filter Configuration	VariCel® II F7 + MEGAcel® III H14
Power Supply	1Ph/50Hz/230VAC
Power	375 W
Weight (including filter)	170 kg
Average Air Purification Area	87 - 174 m ²
Optional	UV light Castor Wheels x4 AstroCel® III (H14)

*Other optional filters are available. Please contact your sales representative for more information.

AstroPure 1700V



- A** Air Outlet
- B** Motor
- C** Fan Controller
- D** HEPA Filter Final Stage
- E** HEPA Filter Pressure Gauge
- F** First Stage Filter
- G** First Stage Filter Pressure Gauge
- H** Air Inlet Grille
- I** Castor Wheel (Optional)

MEGAcel® is a registered trademark of AAF International in the U.S. and other countries.

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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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IAFP-1-002A 08/20