AAF INTERNATIONAL

Dinair
An AAF Company

PRODUCT REFERENCE GUIDE
2024/2025

Air filtration solutions to protect people, processes and the environment

ONLY THE ESSENTIALS
Quick reference on our standard products

As the name suggests, our Product Quick Reference Guide provides a quick and uncomplicated overview of our standard products. Detailed information on each individual product is provided in the corresponding product data sheets. If you cannot find the product you are looking for here, please contact our experts. Often an alternative product can be used or an existing product can be modified accordingly.

1 **Product image**
The illustration shows the product in a variant of the standard version. Special product features, which are optional, are not usually shown. Products equipped with these options may differ visually from the version shown.

2 **Product description**
The description of a product usually includes the applications for which the product was designed in its standard version. In addition, other possible uses in applications not mentioned are of course possible if the product fulfills the necessary technical requirements. If in doubt, our engineers can provide reliable information.

3 **Media**
The filter media is a key component of any air filter. It is decisive for the filtration performance, the energy classification and, in many cases, the intended use. A filter element with an alternative filter media with an otherwise identical design and appearance is therefore normally a different product with different properties.

4 **Filtration efficiency**
All our air filters are tested in accordance with the applicable standards and labeled with the corresponding filter class. Due to the large number of variants, especially of filter elements classified according to ISO16890 (formerly: EN779), only the main classification categories are listed in this product overview. For more detailed information, please refer to the relevant product data sheet or contact our experts. In the case of (H)EPA and ULPA filters in accordance with EN1822, the exact filter class is already stated.

5 **Energy class**
We specify an energy class for air filters with a classification in accordance with ISO16890. The energy class generally depends on the filter medium used and the design. Depending on the design parameters used, different energy classes may therefore result within the same product family.

6 **Frame material**
Different frame materials are often available as standard for each filter element. If in doubt, our experts will tell you which frame material is the most suitable for your application. If a desired frame material is not listed, please contact us. If technically possible, we also offer alternative frame materials on request.

7 **Features & Options**
All noteworthy special features, such as a filter medium with very special properties or a special design for a very specific application, can be found here. Specialties within the scope of the variety of variants typical for the industry, even if they are not explicitly mentioned here, are usually possible by arrangement.

1

VariCel® V XL

COMPACT FILTER (V-BANK)

2 **The standard V-Bank.** Designed for use in commercial and industrial air handling units to reliably deliver the desired air quality, even in difficult operating conditions.

Media	Glass
Efficiency according to ISO16890	ePM10, ePM2,5, ePM1
Efficiency according to EN779	M6-F9
Energy class	B, C, D
Frame material	Plastic
Features & Options	Also available with antimicrobial treated filter media

3 4 5 6 7

1

AstroFan™ FFU Base

FAN FILTER UNIT

2 High performance fan filter unit for HEPA and ULPA filters. Ideally suited for cleanroom projects with a large number of highly standardized units to be installed.

Airflows	up to 2.220 m^3/h
Available sizes	6 dimensions
Construction material	Aluminum
Sound Pressure Level	44-55 dB(A)
Filter options	AstroCel II, MEGAcel II
Features & Options	Available with control lights and knobs or with fully digital LCD display

8 9 10 11 12 7

Only relevant for housings and equipment

8 Airflows

For equipment and housings that are delivered with a fan/motor combination you can find the operating airflows here. Detailed information on airflows is listed in the respective product datasheet.

9 Available dimensions

Number of different product dimensions available as a standard. In special cases customized dimension is possible upon request. Detailed information on standard dimensions is listed in the respective product datasheet.

10 Construction material

The material from which the device housing is made. Depending on the housing, several materials are possible.

11 Sound Pressure Level

For equipment and housings that are delivered with a fan/motor combination you can find the Sound Pressure Level range here. Depending on the selected product configuration the Sound Pressure Level can vary. Detailed information on sound values is listed in the respective product datasheet.

12 Filter options

Most of our housings can accommodate different filter types depending on individual requirements. The list of possible or recommended filters can be found here.

AIR FILTERS FOR GENERAL VENTILATION APPLICATIONS

General ventilation filters are designed to improve indoor air quality by capturing and removing airborne particles and contaminants from the air. These filters come in various types and are commonly used in heating, ventilation and air conditioning (HVAC) systems. They are designed to reduce dust, allergens and other pollutants, to help protect people, processes and equipment from harmful gases and contaminants in their air. Every product is created with lower total cost of ownership in mind. Robust construction, durable materials and innovative media designs combine for filtration solutions that help control airborne pollutants while meeting needs for energy savings and efficiency. Regular replacement and maintenance of these filters is essential to ensure optimal performance and sustained air quality benefits.

MEDIA PADS & ROLLS
PANEL FILTERS

AmerTex R and F
MEDIA PADS AND ROLLS

Single or multilayered filter media used as a pre-filter in central ventilation systems or as ceiling filters in industrial painting systems.

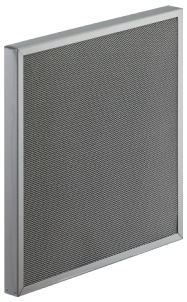
AmerGlas Paintstop
MEDIA PADS AND ROLLS

Commercial grade paintstop media for the removal of overspray in paintspray cabins and painting lines to protect exhaust ducts, fans and motors.

AmerGlas Box
PANEL FILTER

Lightweight panel filter for use in central air handling, air conditi- on-ing and ventilation systems.

Media	Synthetic	Glass	Glass
Efficiency according to ISO16890	Coarse	*NA*	Coarse
Efficiency according to EN779	G2 - G4, M5	*NA*	G2
Energy class	*NA*	*NA*	*NA*
Frame material	*NA*	*NA*	Galvanized steel, cardboard, plastic
Features & Options	Available as a roll or cut to the required size	*NA*	



Metanet
PANEL FILTER

Filtration in demanding air handling, air conditioning and ventilation systems to collect grease and oil mist and suitable for use in kitchen hoods.

Multilayer knitted steel wire
Coarse
G2
NA
Galvanized steel, stainless steel, aluminum

Chevronet
PANEL FILTER

Pre- or final filtration in any central air handling, air conditioning or ventilation system.

Synthetic
Coarse, ePM10
G4, M5
E
Galvanized steel, stainless steel

RedPleat
PANEL FILTER

Pre- or final filtration in any central air handling, air conditioning or ventilation system.

Synthetic, glass
Coarse, ePM10
G4, M5
E
Cardboard, plastic, galvanized steel

POCKET FILTERS

DriPak® PE
POCKET FILTER

The specialist for process air.
Mostly used as a pre-filter in multi-stage filtration systems in applications where high dustholding capacity is crucial.

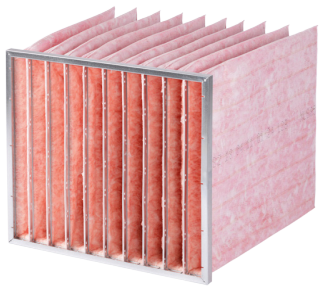
DriPak® KX
POCKET FILTER

The automotive industry expert.
Frequently used in the ventilation systems of paint shops in the automotive industry, but also in other areas with high demands on dust holding capacity.

DriPak® SX
POCKET FILTER

The facility management standard.
Pre- or final filtration in general air handling units for any commercial and industrial application.

Media	Synthetic high-loft media	Synthetic high-loft and self supporting media	Synthetic melt-blown media
Efficiency according to ISO16890	Coarse, ePM10	Coarse, ePM10	ePM10, ePM2,5, ePM1
Efficiency according to EN779	G4, M5	M5, M6	M5-F7
Energy class	A, B, C, D	B	B, C, D, E
Frame material	Galvanized steel, plastic	Plastic	Galvanized steel, plastic
Features & Options			



DriPak® GX
POCKET FILTER

The pocket filter allrounder. Pre- or final filtration in general air handling units for any commercial or industrial application to achieve both better indoor air quality and low operating costs.

Glass
ePM10, ePM2,5, ePM1
M5-F9
A+, A, B, C, D, E
Galvanized steel, plastic

DriPak® NX/NX+
POCKET FILTER

The Energy-saver. High indoor air quality, environmental savings and low operating costs go hand-in-hand. Used in general air handling units for any commercial or industrial application, but also as prefilter for sensitive processes.

Synthetic
ePM1
F7-F9
A+, A, B, C, D, E
Galvanized steel, plastic

DriPak® EX
POCKET FILTER

The pocket filter for the separation of fine dust in potentially explosive areas.

Either electrostaticaly conductive media or glass fiber media
Coarse, ePM10, ePM2,5, ePM1
G4-F8
NA
Galvanized steel
Conductive

COMPACT FILTERS (V-BANK)

VariCel® V XL
COMPACT FILTER (V-BANK)

The standard V-Bank. Designed for use in commercial and industrial air handling units to reliably deliver the desired air quality, even in difficult operating conditions.

VariCel® V XL E
COMPACT FILTER (V-BANK)

The Energy-saver. Designed to effectively reduce energy consumption and the carbon dioxide footprint with, at the same time, excellent filtration performane.

Media	Glass	Glass
Efficiency according to ISO16890	ePM10, ePM2,5, ePM1	ePM1
Efficiency according to EN779	M6-F9	F7-F9
Energy class	B, C, D	A, B
Frame material	Plastic	Plastic
Features & Options	Also available with antimicrobial treated filter media	

VariCel® V Aero

COMPACT FILTER (V-BANK)

The IAQ performance enhancer. Final filtration in central air handling, air conditioning and ventilation systems when highest IAQ at a low pressure drop is needed. Ideally suited to upgrade or retrofit existing air handling units

Glass fiber
ePM1
F9 up to EPA
A, D
Plastic

VariCel® V EX

COMPACT FILTER (V-BANK)

The compact filter for the separation of fine dust in potentially explosive areas.

Glass
ePM10, ePM 1
NA
Plastic
Conductive

COMPACT FILTERS (PANEL/BOX)

VariCel® I
COMPACT FILTER (BOX)

Standard deep pleat filter with separator technology for pre- or final filtration in central air handling, air conditioning and ventilation systems.

VariCel® II
COMPACT FILTER (PANEL)

Standard compact filter with minipleat technology in panel-type space saving design. Used for pre- or final filtration in central air handling, air conditioning and ventilation systems.

VariPak
COMPACT FILTER (PANEL/BOX)

Designed for pre- or final filtration in central air handling systems, as well as for the pre-filtration of clean-rooms.

Media	Glass	Glass	Glass
Efficiency according to ISO16890	ePM10, ePM1	ePM10, ePM1	ePM10, ePM1
Efficiency according to EN779	M6-F8	M6-F8	M6-F9
Energy class	E	E	E
Frame material	Galvanized steel	Cardboard, aluminum	Cardboard, aluminum, MDF
Features & Options			

VariCel® EcoPak

COMPACT FILTER (PANEL)

Standard compact filter with minipleat technology in box-type space saving design. Used for the pre- or final filtration in central air handling, air conditioning and ventilation systems.

Glass
ePM1, ePM10
M6-F9
E
Plastic
Also available with antimicrobial treated filter media

VariCel® M-Pak

COMPACT FILTER (BOX)

Standard compact filter with minipleat technology in box-type space saving design with a header frame. Used for the pre- or final filtration in central air handling, air conditioning and ventilation systems.

Glass
ePM1, ePM10
M6-F9
E
Plastic
Also available with antimicrobial treated filter media

AIR FILTERS FOR HIGH PURITY ENVIRONMENTS

AAF's High Purity solutions include high-performing HEPA and ULPA filters engineered to play a crucial role in eliminating airborne particles, contaminants and microorganisms to meet stringent cleanliness standards required in industries such as pharmaceuticals, biotechnology, electronics manufacturing and healthcare. Our innovative filtration technologies include an ultra-fine fiber membrane media that's less delicate and vulnerable than glass media for longer life and easier use. Additionally, this media provides unbeatable energy efficiency values. A variety of housing and filter types allows a fully integrated solution for minimizing risk and potential failure points. Finally, each AAF HEPA filter is tested for quality. The result is high quality filtration that's also designed to reduce your total cost of ownership.

(H)EPA COMPACT FILTERS (PANEL/BOX)

BioCel® V XL

EPA COMPACT FILTER (V-BANK)

Compact filter in v-bank design providing high filtration efficiency at low pressure drop. Used to remarkably increase IAQ or as a prefilter for high purity environments.

BioCel® V XL A

EPA COMPACT FILTER (V-BANK)

Compact filter in v-bank design providing high filtration efficiency at low pressure drop in areas with high humidity. Used especially to protect animal livestock.

BioCel® V EX

EPA COMPACT FILTER (V-BANK)

The compact filter with high filtration efficiency for the separation of fine dust in potentially explosive areas.

Media	Glass	Glass fiber	Glass
Efficiency according to EN1822	E10, E11	ePM1, E10	E10
Frame material	Plastic	Plastic	Plastic
Features & Options		Available in two different dephts	Conductive

AstroCel® Dihedral

HEPA COMPACT FILTER (V-BANK)

Compact filter in v-bank design used in high purity environments. Higher efficiencies are ideal for use in laminar flow cabinets.

Glass	
F9-H14	
Plastic	

AstroCel® V XL

HEPA COMPACT FILTER (V-BANK)

Compact filter in v-bank design providing high filtration efficiency at low pressure drop. Used to remarkably increase IAQ or as a prefilter for high purity environments, including those with high humidity.

Glass	
E12 / 99,95% at MPPS - not leak tested	
Plastic	

AstroCel® V EX

HEPA COMPACT FILTER (V-BANK)

The compact HEPA filter for the separation of fine dust in potentially explosive areas.

Glass	
H13, H14	
Plastic	
Conductive	

(H)EPA COMPACT FILTERS (PANEL/BOX)

BioPak

EPA COMPACT FILTER (PANEL/BOX)

Compact filter with minipleat technology and EPA filtration. Used to remarkably increase IAQ or as a prefilter for high purity environments.

AstroPak®

HEPA COMPACT FILTER (PANEL/BOX)

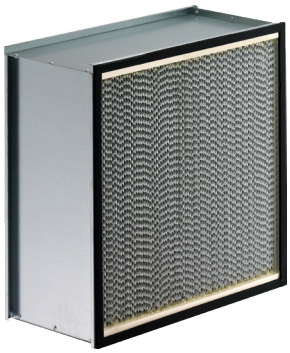
Compact filter with minipleat technology up to HEPA filtration. Used to remarkably increase IAQ or for applications requiring ultra clean air.

BioCel® I

EPA COMPACT FILTER (BOX)

Standard deep pleat filter with separator technology and EPA filtration. Used to remarkably increase IAQ or as a prefilter for high purity environments.

Media	Glass	Glass	Glass
Efficiency according to EN1822	E10, E11	E12-H14	E10, E11
Frame material	Stainless steel, galvanized steel, plastic	Stainless steel, galvanized steel	Stainless steel, galvanized steel, aluminium, MDF
Features & Options		Also available with antimicrobial treated filter medium	



AstroCel® I

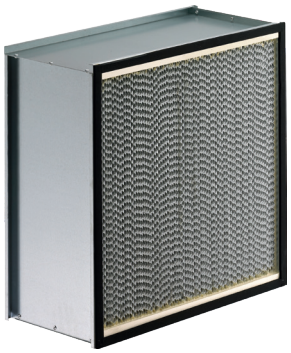
HEPA COMPACT FILTER (BOX)

Standard deep pleat filter with separator technology up to HEPA filtration efficiency. Used to remarkably increase IAQ or as a final filter for high purity environments.

Glass

E12-H14

Stainless steel, galvanized steel, aluminum, MDF



MEGAcel® I

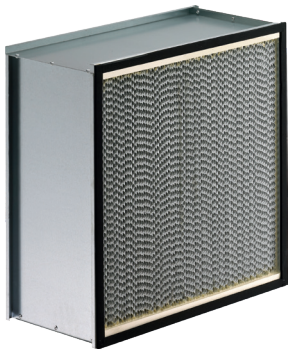
HEPA COMPACT FILTER (BOX)

The only deep pleat box filter with separator and membrane technology that is testable with high concentration DEHS. Offers ultra low pressure drop at HEPA filtration efficiency levels. Used to remarkably increase IAQ or for applications requiring ultra clean air.

eFRM, 3-dimensional ePTFE

H13, H14

Stainless steel, galvanized steel, aluminum, MDF



MEGAcel® I ME

HEPA COMPACT FILTER (BOX)

Deep pleat box filter with separator and membrane technology offering ultra low pressure drop at HEPA filtration efficiency levels. Used to remarkably increase IAQ or for applications requiring ultra clean air. Suitable for DPC test method.

ePTFE membrane based

H13, H14

Stainless steel, galvanized steel, MDF

Boron-free

(H)EPA/ULPA PANEL FILTERS

BioCel® II

EPA PANEL FILTER

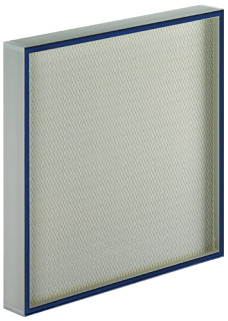
Minipleat panel filter with EPA filtration. Used to remarkably increase IAQ or as a prefilter for high purity environments.

AstroCel® II

HEPA/ULPA PANEL FILTER

Standard glass fiber based panel filter offering a filtration efficiency up to ULPA level. Mainly used in ultra clean environments and applications such as cleanrooms.

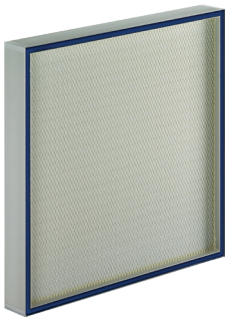
Media	Glass	Glass
Efficiency according to EN1822	E10, E11	E12-U17
Frame material	Aluminum	Aluminum
Features & Options		Available with food contact certificate for the use in hygienic processes and applications such as in the F&B industry.



MEGAcel® II

HEPA PANEL FILTER

The only panel filter with membrane technology that is testable with high concentration DEHS. It offers ultra low pressure drop at HEPA filtration efficiency levels. Mainly used in ultra clean environments and applications such as cleanrooms. Suitable for PAO and DPC test methods.



MEGAcel® II ME

HEPA/ULPA PANEL FILTER

Panel filter with membrane technology offering ultra low pressure drop up to ULPA filtration efficiency levels. Mainly used in ultra clean environments and applications such as cleanrooms. Suitable for DPC test methods.

eFRM, 3-dimensional ePTFE	ePTFE-membrane based
H13, H14	H13-U17
Aluminum	Aluminum
Available with food contact certificate for the use in hygienic processes and applications such as in the F&B industry.	Boron-free

(H)EPA COMPACT FILTERS (BOX)

BioCel® III
EPA COMPACT FILTER (BOX)

Compact EPA filter with minipleat technology in box-type design for high airflow rates with, at the same time, low pressure drop. Used to remarkably increase IAQ or as a prefilter for high purity environments.

AstroCel® III
HEPA COMPACT FILTER (BOX)

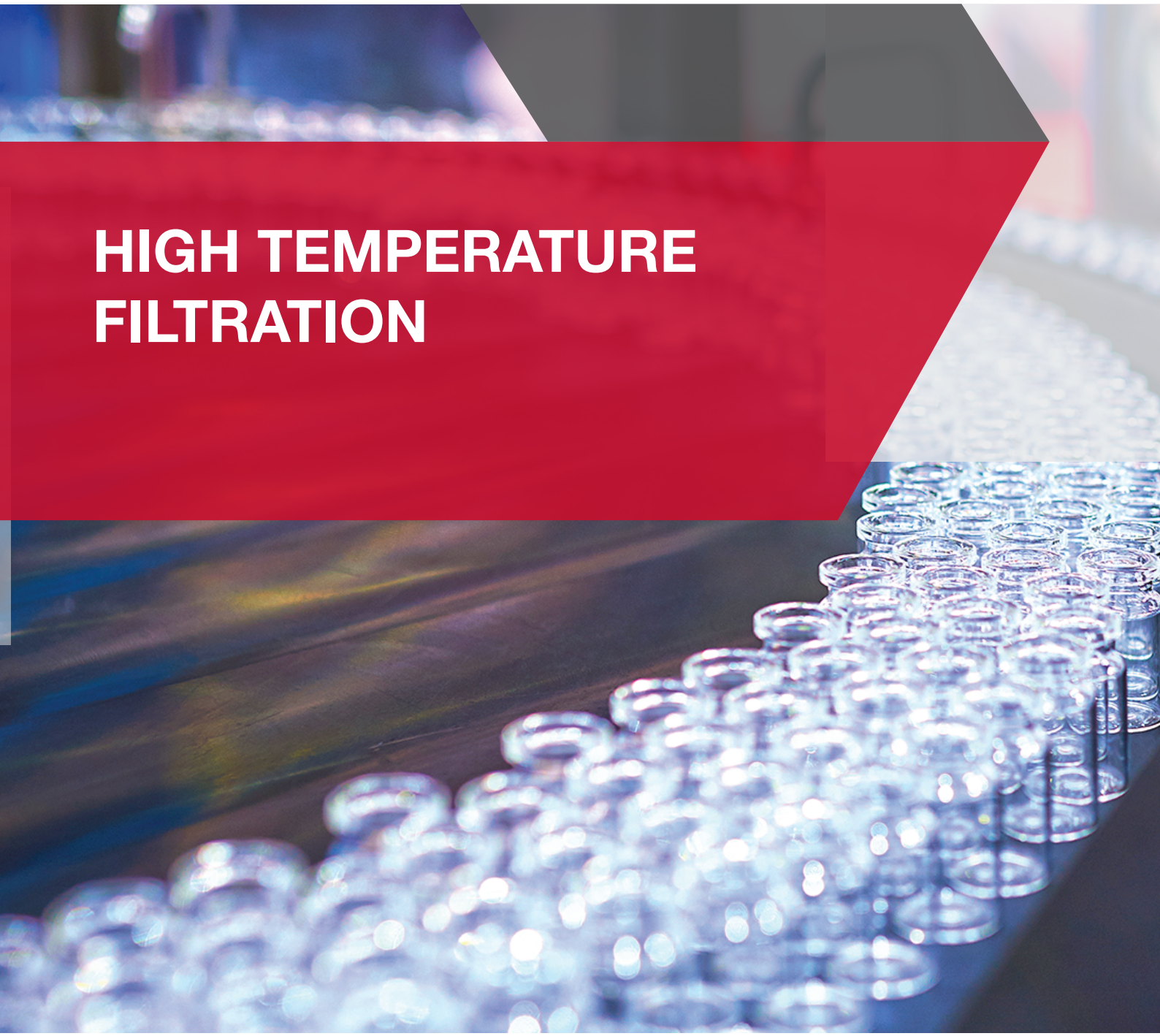
Compact HEPA filter with minipleat technology in box-type design for high airflow rates with, at the same time, low pressure drop. Used to remarkably increase IAQ or for applications requiring ultra clean air.

MEGAcel® III
HEPA COMPACT FILTER (BOX)

The only minipleat box filter with membrane technology that is testable with high concentration DEHS. It is designed for high airflow rates with, at the same time, ultra low pressure drop at HEPA filtration levels. Used to remarkably increase IAQ or for applications requiring ultra clean air.

Media	Glass	Glass	eFRM 3-dimensional ePTFE
Efficiency according to EN1822	E10, E11	E12-H14	H13, H14
Frame material	Stainless steel, galvanized steel	Stainless steel, galvanized steel	Stainless steel, galvanized steel, plastic
Features & Options			

HIGH TEMPERATURE FILTRATION



AAF's High Temperature Filters are tailored to withstand extreme temperatures, while ensuring optimal air quality in critical processes such as drying ovens for automative paint lines or aseptic filling applications within the pharmaceutical industry. With a focus on enhancing both equipment longevity and operational efficiency, AAF High Temperature Filters excel in capturing particulate matter and contaminants, ensuring the integrity of sensitive processes and equipment.

(H)EPA COMPACT FILTERS (PANEL/BOX)

RedPleat HT
HT PANEL FILTER

Standard prefilter for installation in high temperature applications, especially in the automotive industry.

VariCel® II HT
HT COMPACT FILTER (PANEL)

Standard panel filter for installation in high temperature applications, especially in the automotive industry.

VariCel® V HT
HT COMPACT FILTER (V-Bank)

Standard compact filter in v-bank design for installation in high temperature applications, especially in the automotive industry.

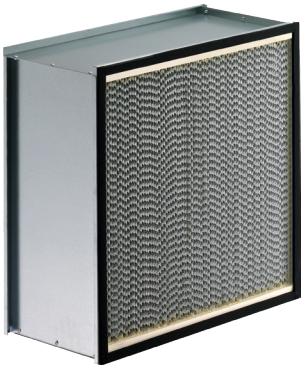
Media	Glass	Glass	Glass
Efficiency according to ISO16890	Coarse	ePM10, ePM1	ePM10, ePM2,5
Efficiency according to EN779	G4	M6-F8	M6, F7
Energy class	*NA*	*NA*	D, E
Frame material	Galvanized steel	Aluminum	Aluminized steel
Features & Options	Max. Operating Temperature 260°C	Max. Operating Temperature 385°C	Max. Operating Temperature 385°C

VariCel® I HT

HT COMPACT FILTER (BOX)

The standard compact filter in box-type design for installation in high temperature applications, especially in the automotive industry.

Glass
ePM10, ePM1
M6-F8
D, E
Aluminized steel
Max. Operating Temperature 385°C



VariCel® XL HT

HT COMPACT FILTER (BOX)

Compact filter in box-type design with a low pressure drop for installation in high temperature applications, especially in the automotive industry.

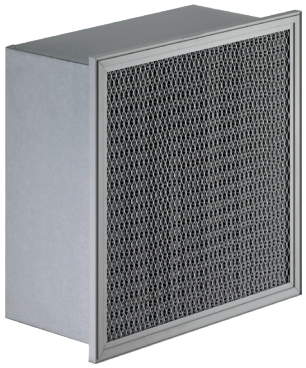
Glass
ePM10, ePM1
M6-F8
NA
Aluminized steel
Max. Operating Temperature 385°C

(H)EPA COMPACT FILTERS (PANEL/BOX)

BioCel® V HT

HT COMPACT FILTER (V-Bank)

Compact filter in v-bank design with EPA filtration for installation in high temperature applications requiring higher efficiency levels.

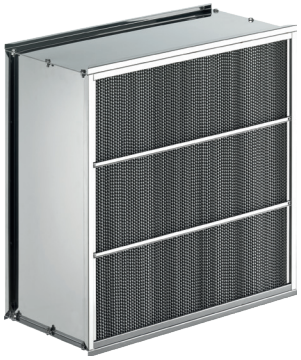


BioCel® I HT

HT COMPACT FILTER (BOX)

Compact filter in box-type design with EPA filtration for installation in high temperature applications requiring higher efficiency levels.

Media	Glass	Glass fiber
Efficiency according to ISO16890	E10, E11	E10, E11
Efficiency according to EN779	*NA*	*NA*
Frame material	Aluminized steel, stainless steel	Aluminized steel, stainless steel
Features & Options	Max. Operating Temperature 385°C	Max. Operating Temperature 385°C

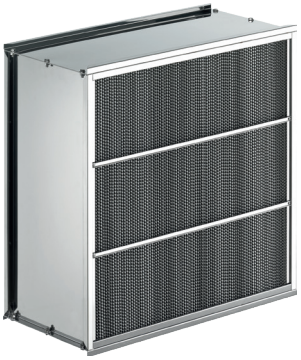


ATMCU®

HT COMPACT FILTER (BOX)

For use in high temperature cleanroom applications (e.g. aseptic filling), requiring ultra clean air to protect sensitive processes and products.

Glass
99,95% at MPPS not leak tested
NA
Stainless steel
Max. Operating Temperature 385°C



HEATMOS®

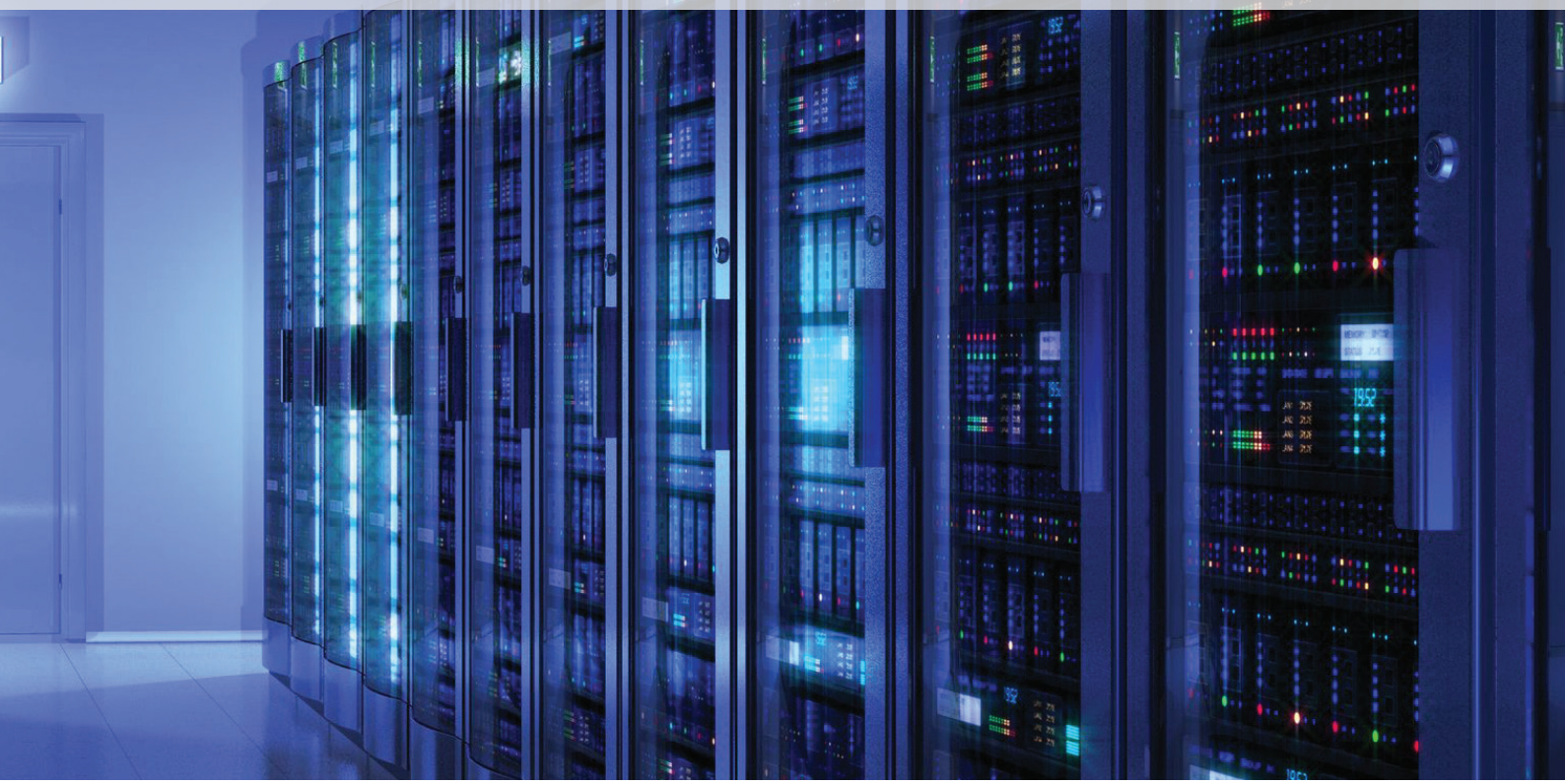
HT COMPACT FILTER (BOX)

H14 HEPA filter according to EN1822 with low pressure drop for use in high temperature cleanroom applications (e.g. aseptic filling), requiring ultra clean air to protect sensitive processes and products.

Glass
H14
NA
Stainless steel
Max. Operating Temperature 385°C

GAS PHASE FILTRATION

AAF Gas Phase Filtration is suitable for a wide range of commercial applications where people, processes and equipment need to be protected from polluted air. Our solutions help remove common gaseous contaminants and odors, whether they enter your space from the outdoors or are released from areas inside your facility. Select products built for your specific environment, from airports to museums, semiconductor fabrication to archive storage facilities. AAF filtration products are trusted worldwide for quality, efficiency and low total cost of ownership.



GAS PHASE FILTER ELEMENTS

RedPleat Carb
GP PANEL FILTER

Coarse pre-filter with activated carbon for use in any central ventilation system to improve air quality and eliminate unpleasant odors.

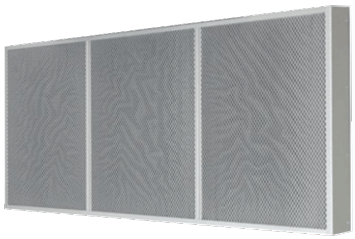
DriPak® GC
GP POCKET FILTER

Pocket filter with glass fiber media in combination with activated carbon for use in any central ventilation system to improve air quality and eliminate unpleasant odors.

VariSorb® XL
GP COMPACT FILTER (V-BANK)

Compact filter for the removal of airborne molecular contaminants (AMC) and for effective removal of typical gaseous contaminants that lead to unpleasant odors or corrosion.

Media	Activated carbon on synthetic carrier	Glass fiber based, activated carbon media	Activated carbon on synthetic carrier
Efficiency according to ISO16890	Coarse	ePM1 60%	*NA*
Efficiency according to EN779	*NA*	F7	*NA*
Energy class	*NA*	*NA*	*NA*
Frame material	Cardboard	Steel	Plastic
Features & Options	For VOC adsorption	For general filtration applications	Can be customized for VOC, acidic, basic and sulfuric contaminants



VariSorb® CE

GP COMPACT FILTER (PANEL)

Compact filters for airborne molecular contaminants (AMC), typically used in air treatment systems to supply cleanrooms or corresponding filter housings.

Activated carbon on synthetic carrier	
NA	
NA	
NA	
Plastic, aluminum, galvanized steel	
Can be customized for VOC, acidic (MA), basic (MB), condensable (MC) & dopants (MD) contaminants	

VariSorb® XL SAAF City

GP COMPACT FILTER (V-BANK)

Compact filter for the removal of airborne molecular contaminants (AMC) and fine dust particles. Provides effective removal of typical gaseous contaminants that lead to unpleasant odors or corrosion.

Activated carbon on synthetic carrier	
ePM10, ePM1	
M5, F7	
NA	
Plastic	
Can be customized VOC, acidic, basic and sulfuric contaminants	

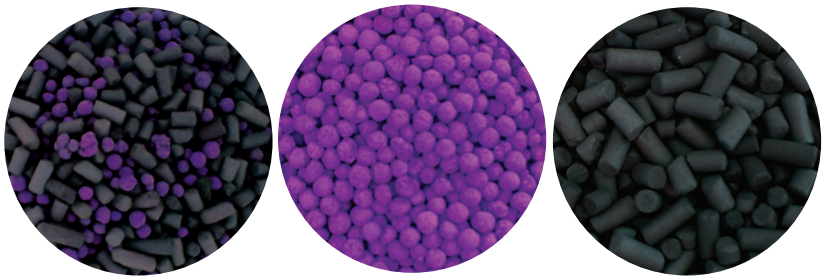
AstroSorb® III

GP COMPACT FILTER (BOX)

Compact filter for the removal of airborne molecular contaminants (AMC) and for effective removal of typical gaseous contaminants that lead to unpleasant odors or corrosion. Typically used in air treatment systems to supply cleanrooms

Activated carbon on synthetic carrier	
NA	
NA	
NA	
Stainless steel, galvanized steel	
Can be customized VOC, acidic, basic and sulfuric contaminants	

GAS PHASE MEDIA AND EQUIPMENT



SAAF™ Carb and SAAF Blend Media

GAS PHASE FILTRATION MEDIA

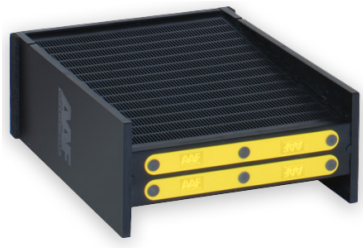
Pelletized active carbon and chemical blend media, designed to efficiently remove gaseous contaminants from airstreams to increase IAQ, control unpleasant odors or provide corrosion control.

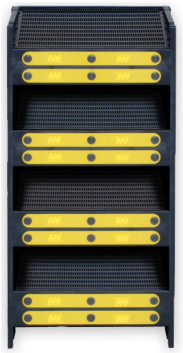
SAAF™ Canister

GAS PHASE EQUIPMENT

Factory pre-filled with all SAAF Carb or Blend gas phase media installed in appropriate air treatment systems to remove corrosive, odorous or other harmful gaseous contaminants.

Media	Loose activated carbon and aluminum oxide with various impregnation	Filled with engineered SAAF adsorption media
Frame material	*NA*	Plastic, stainless steel, galvanized steel
Features & Options	Delivered as loose media in small 25kg bags or big 500kg packs Can be customized for VOC, acidic, basic and sulfuric contaminants	Can be customized for VOC, acidic, basic and sulfuric contaminants





SAAF™ Cassette

GAS PHASE EQUIPMENT

Factory pre-filled with all SAAF Carb or Blend gas phase media for installation in appropriate cassette holding systems of air handling units to remove corrosive, odorous or other harmful gaseous contaminants.

Filled with engineered SAAF adsorption media
Plastic
Can be customized for VOC, acidic, basic and sulfuric contaminants

HOUSINGS & EQUIPMENT

AAF manufactures the Housings and Equipment that are an essential piece of every filtration solution. Our focus is where HEPA or ULPA filters are used to prevent contamination and ensure the integrity of sensitive processes and products in cleanroom environments. Each piece undergoes rigorous in-house testing to meet demanding standards – ours and our customers.

AIR PURIFIERS AND DUCTED HOUSINGS

AstroPure™ 2000
AIR PURIFIER

Totally self-contained, stand-alone recirculation unit for areas where additional, HEPA, filtration performance is needed against any type of contamination including viruses.

AstroPure™ Cube
AIR PURIFIER

Compact and mobile air purifier for areas where extra high filtration performance is needed and small equipment footprint is required.

Airflows	Recommended 2.000 m^3/h	1.000 m^3/h
Available sizes	770x720x1628 mm	400x420x430 mm
Construction material	Insulated double-wall construction	Durable aluminium frame
Sound Pressure Level	24-55 dB(A)	44 dB(A)
Filter options	AstroCel III, MEGAcel III	Customized HEPA
Features & Options	Available with control lights and knobs or with fully digital LCD display	Fully digital LCD display

AstroDuct HVAC

DUCTED HOUSING

Flexible and compact range of ducted filter housings for pocket filters and other filter types with a 25 mm frame to provide additional air filtration efficiency to an existing ventilation system.

NA

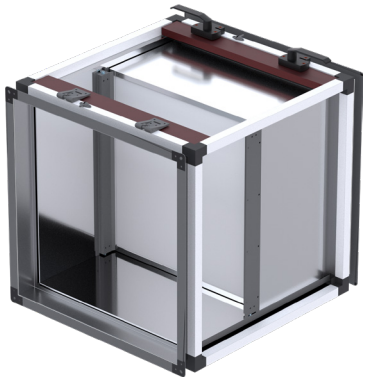
23 dimensions

Profile construction with insulated panels

NA

Pocket and Compact-type particle filters

Any particulate and gas phase filters in pocket or compact style



AstroDuct HEPA

DUCTED HOUSING

Flexible and compact range of ducted filter housings for HEPA filters and other filter types with 292 mm depth to add an extra HEPA stage to an existing system.

NA

12 dimensions

Profile construction with insulated panels

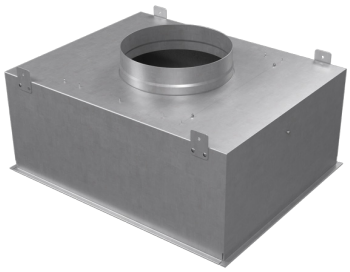
NA

Box-type HEPA filters

TERMINAL HOUSINGS

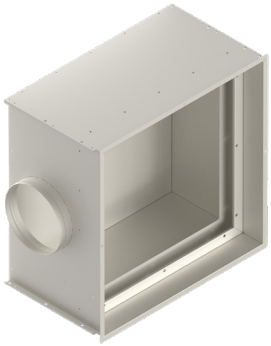
AstroClean™ LAF
TERMINAL HOUSING

Laminar air flow ceiling filtration system for new installations or for retrofitting of existing operating theatres.



AstroHood® I
TERMINAL HOUSING

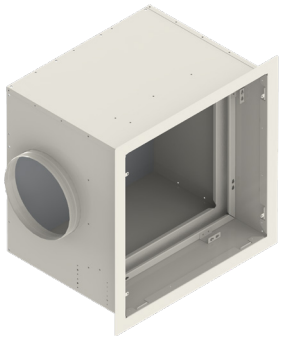
Fully welded, leak-free, high performance terminal filter housing with replaceable HEPA/ULPA filter for installation in cleanrooms or cleanroom-like environments.



AstroHood® II Lite
TERMINAL HOUSING

Sealed terminal filter housing with replaceable HEPA/ULPA filters and tool-less clamping system for installation in cleanrooms or cleanroom-like environments.

Available sizes	9 dimensions	9 dimensions	9 dimensions
Construction material	Powder coated steel	Aluminum, stainless steel	Aluminum, stainless steel
Filter options	AstroCel II, MEGAcel II	AstroCel II, MEGAcel II	AstroCel II, MEGAcel II
Features & Options			



AstroHood® II

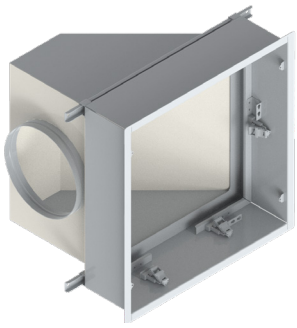
TERMINAL HOUSING

Fully sealed terminal filter housing with replaceable HEPA/ULPA filters, tool-less clamping system and diffuser fixing for installation in cleanrooms or cleanroom-like environments.

9 dimensions

Aluminum, stainless steel

AstroCel II, MEGAcel II



AstroHood® II Plus

TERMINAL HOUSING

Fully welded terminal filter housing with replaceable HEPA/ULPA filters, tool-less clamping system and diffuser fixing for installation in cleanrooms or cleanroom-like environments.

9 dimensions

Aluminum, stainless steel

AstroCel II, MEGAcel II

AstroHood III

TERMINAL HOUSING

A hermetically sealed terminal filter housing with integrated glass fiber based HEPA filter for installation in cleanrooms or cleanroom-like environments.

6 dimensions

Aluminum

Customized (H)EPA and ULPA (E12-U17)

Also available with membrane ePTFE or eFRM technology

FAN FILTER UNITS AND SAFETY HOUSINGS

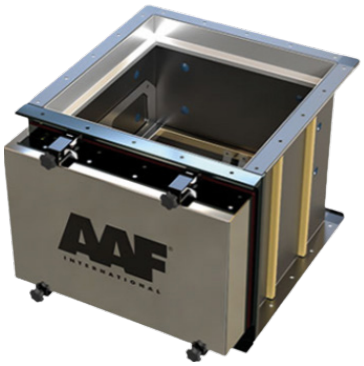
AstroFan™ FFU Base
FAN FILTER UNIT

High performance fan filter unit for HEPA and ULPA filters. Ideally suited for cleanroom projects with a large number of highly standardized units to be installed.

AstroFan™ FFU Modular
FAN FILTER UNIT

Highly adaptable modular fan filter unit for HEPA and ULPA filters with an absolute airtight construction. Ideally suited for cleanroom projects with a high demand on customizable features.

	AstroFan™ FFU Base	AstroFan™ FFU Modular
Airflows	up to 2.220 m^3/h	up to 2.220 m^3/h
Available sizes	6 dimensions	7 dimensions
Construction material	Aluminum	Aluminum
Sound Pressure Level	44-55 dB(A)	44-55 dB(A)
Filter options	AstroCel II, MEGAcel II	AstroCel II, MEGAcel II
Features & Options	Available with control lights and knobs or with fully digital LCD display	Available with various control options

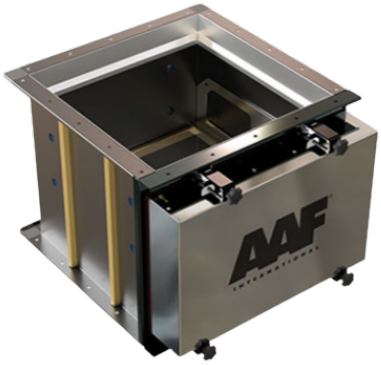


AstroSafe® KSS

SAFETY HOUSING

Customizable modular inline housing for the installation of HEPA filters in air supply, recirculating or exhaust ducting in applications requiring a certain biosafety level.

NA
6 dimensions
Powder coated steel, stainless steel
NA
AstroCel I, AstroCel III, MEGAcel I, MEGAcel III



AstroSafe® RPT

SAFETY HOUSING

Fully welded safe change housing with bag in/bag out provision for the installation of HEPA filters in air supply, recirculating or exhaust ducting in applications requiring a certain biosafety level.

NA
6 dimensions
Powder coated steel, stainless steel
NA
AstroCel I, AstroCel III, MEGAcel I, MEGAcel III

LOCATIONS
Sales offices and production plants

AAF Europe and Dinair operate a dense Europe-wide distribution network consisting of our sales offices, production plants, R&D centers as well as distribution partners.

AAF and Dinair sales offices (alphabetical order)

Germany
AAF-Lufttechnik GmbH
Odenwaldstrasse 4
64646 Heppenheim
+49 (0)6252 69977-0
Sales.DACH@aafeurope.com
www.aafeurope.de

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2625 Vallensbæk
Phone: +45 70260166
sales.denmark@aafeurope.com
www.aafeurope.dk

Finland
Dinair Clean Air Oy
Koivuvaarankuja 2
01640 Vantaa
Phone: +358 10 3222610
cleanair@dinair.fi
www.dinair.fi

France
AAF France
9 Avenue de Paris
94300 Vincennes
Phone: +33 1 43 98 42 23
sales.france@aafeurope.com
www.aafeurope.fr

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AAF-Environmental Control Epe
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aafslovakia@aafeurope.com
www.aafeurope.com/sk

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Customer.ServiceSP@aafeurope.com
www.aafeurope.es

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+44 01670 566761
airfilter@aafeurope.com
www.aafeurope.co.uk/

= sales office

= production plant

= combined sales and manufacturing location

AAF and Dinair plant locations (alphabetical order)

Finland
Teollisuustie 647400
Kausala

France
Ecoparc Louviers Sud
BP 13227401
Louviers Cedex

Rue William Dian
27620 Gasny

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Rupnicu Street 4
Olaine, Latvia, LV-2114

Slovakia
Bratislavska 849
91105, Trencin

Sweden
Timmervägen 3
774 68 Horndal

Ånäsvägen 18
511 56 Kinna

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