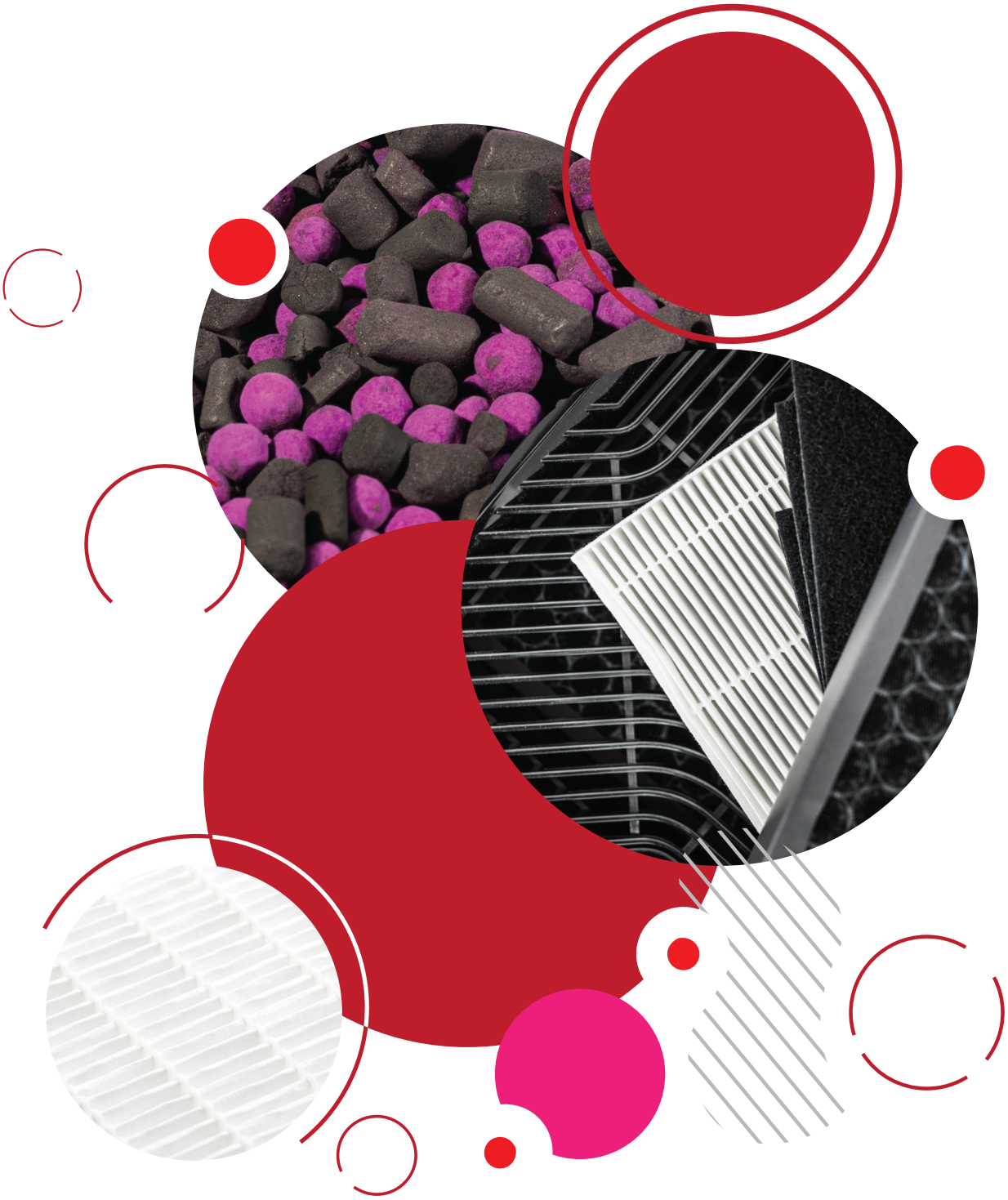
MayAir®



AIR FILTRATION PRODUCTS

www.mayairgroup.com



MayAir® BRAND STORY

MayAir Group, a global leading manufacturer, developer and service provider of air purification equipment and clean air solutions was established since 2001. The company centers around the air filtration research and development, design and build, production, distribution, installation and service maintenance of clean air solutions for the industrial, commercial and residential sectors.

The Group's core business historically has been in providing HVAC filters as well as fan filter units (FFUs) and air filtering equipment for use in industrial cleanrooms, an area in which it has established itself as one of the leading providers worldwide. Powered by 700 world class engineers, MayAir has established as one of the pioneers of air filtration product manufacturers with multiple manufacturing plants across Asia. With the strong footprint and successful achievements made, the company is expanding swiftly to United States, Europe, Middle East and the rest of the world.

With more than 20 years of experience and breakthroughs, MayAir stands proven as a highly- dependable air filtration company and developer of effective air filtration equipment and clean air solutions with the capabilities in providing full spectrum of clean air solutions to various business segments, especially cleanrooms in semiconductor, pharmaceutical, data center, power plant, electrical and electronic, biomedical industries and etc.



Our Mission

To promote clean tech development and to improve global air quality

Our Vision

Be the world's leading integrated clean tech solutions and clean air services provider

ENVIRONMENTAL

MayAir supplies wide ranges of cleanroom products which enable the environment to be free from microbial and particulate contaminations.

INDUSTRIAL

To comply with the industry standards and lessen the risk of productivity loss in all kind of factory set-ups, our comprehensive ranges of industry-compliant air filters ensure only purified clean air is circulated within the enclosed workplaces.

CHEMICAL

With the advent of economic and technological advancement, the global demand for semiconductor industry has increased steadily. Growing in tandem with this is search for cost-effective solutions that meet world-standard requirement.

COMMERCIAL

Through continuos resarch and development efforts, MayAir has the right expertise to recommend the best solutions and products for commercial buildings to generate clean air.

WHY
AIR
FIL



WHY AIR FILTERS ?

THE IMPORTANCE OF AIR FILTRATION

Controlled air quality is crucial in many processes today. Besides many technical applications, building ventilation is a key area. Here, air filters ensure healthy indoor air by removing harmful fine dust including pollen, bacteria, yeast and molds along with other organic and inorganic material. Air filters also serve to keep the air handling equipment itself clean. By doing so, they ensure its hygienic and efficient operation.

Air purity requirements are continuously increasing. This is due to increasingly sophisticated and sensitive industrial processes, stricter environmental legislation and rising comfort and health conscious attitudes. At the same time, the need to reduce energy consumption and carbon dioxide emissions is increasing, along with the pressure on costs. Thus, buildings are more and more restricted from natural ventilation. Energy-efficient mechanical air handling and, in particular, air filtration solutions, are more in demand than ever.



THE COMPOSITION OF AIR

Air is defined as the gas mixture of the earth's atmosphere. The exact composition of gaseous, solid and liquid components (particles) dispersed in the air varies greatly depending on time and location. Dry, particle-free air is mainly composed of two gases: nitrogen (around 78%) and oxygen (around 21%). There are also traces of argon, carbon dioxide and other gases, as well as varying amounts of water vapour, which is typically in the range of several grams per cubic meter of air.

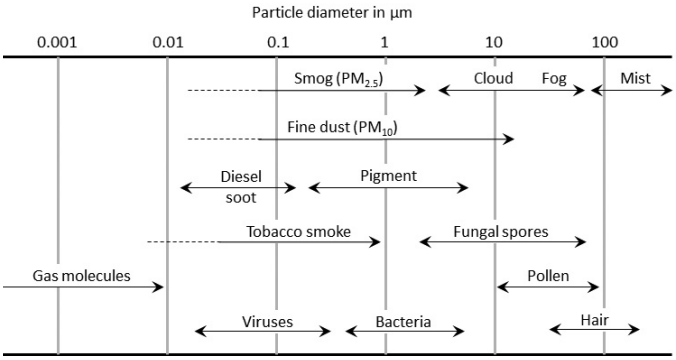


Figure 1: General guide to particle size distribution of common atmospheric contaminants

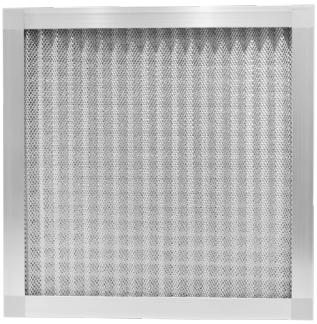




Figure1 compares different types of air contamination with the respective particle size ranges. The scale shows that the various contaminants cover a size range of several orders of magnitude. This is a major reason why so many different filters are used in a wide variety of classes and designs. The common technical classification of fine dust fractions is also based on the classification of particle sizes according to the areas they are deposited in the human respiratory system. The classes are PM10 (particles with an aerodynamic diameter of ‹ 10 µm), PM2.5 (‹ 2.5 µm) and PM1 (‹ 1 µm).

PM stands for particulate matter. There has been a recent addition to the established particle size classes: particle fractions with a diameter of ‹ 100 nm. Particles of this size are referred to as ultra fine particles (UFP) or antiparticles. The mechanisms for the separation of particles and gaseous contaminants from the air are fundamentally different. Particles are separated by mechanical or electromechanical effects whereas gases are generally separated by adsorption or absorption.

PRIMARY FILTER



METAL MESH FILTER

Specification

Model Name	M-Net
Efficiency (EN779:2012)	G2 / G3
Frame	Extruded aluminum / Galvanized steel / Stainless steel
Thickness	10mm / 12mm / 21mm / 23mm / 46mm / 96mm
Media	Aluminum mesh
Sealant	Polyurethane glue



WASHABLE PANEL FILTER

Specification

Model Name	M-Wash
Efficiency (EN779:2012)	G2 / G3 / G4
Frame	Extruded aluminum / Galvanized steel / Stainless steel
Thickness	8mm / 10mm / 12mm / 21mm / 23mm / 46mm / 96mm
Media	Non-woven synthetic fiber with metal wire mesh
Washable	Yes



DISPOSABLE PANEL FILTER

Specification

Model Name	M-DP
Efficiency (EN779:2012)	G4
Frame	Moisture-resistant cardboards
Thickness	22mm / 44mm / 95mm
Disposable	Yes

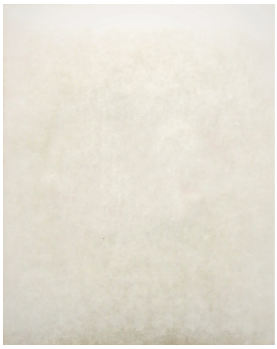


WASHABLE PANEL FILTER (WIRE MESH)

Specification

Model Name	M-MNF
Efficiency (EN779:2012)	G3 / G4
Frame	Moisture-resistant cardboards
Media	Non-woven synthetic fiber with metal wire mesh
Thickness	22mm / 44mm / 95mm

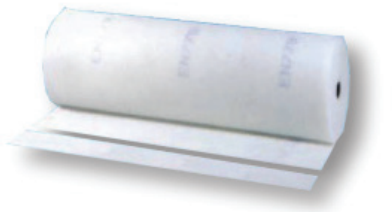
PRIMARY FILTER



WASHABLE PANEL FILTER

Specification

Model Name	M-Cut
Continuous operating temperature	Max. 93°C
Operating relative humidity	≤100 (%RH)
Efficiency (EN779:2012)	G2 / G3 / G4 / M5
Washable	Yes



CEILING-MOUNTED FILTER MEDIA

Specification

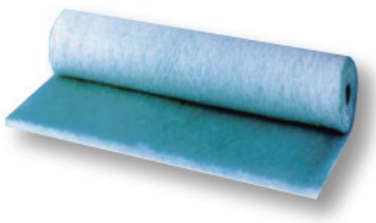
Model Name	M-Rouch
Continuous operating temperature	Max. 93°C
Operating relative humidity	≤100 (%RH)
Efficiency (EN779:2012)	G3 / G4
Thickness	70mm, 100mm



CEILING-MOUNTED FILTER MEDIA

Specification

Model Name	M-Ceiling
Continuous operating temperature	Max. 120°C
Operating relative humidity	≤100 (%RH)
Efficiency (EN779:2012)	F5 / F6
Thickness	20mm, 25mm



PAINT MIST MAT

Specification

Model Name	M-Paint
Continuous operating temperature	Max. 150°C
Operating relative humidity	≤100 (%RH)
Efficiency (EN779:2012)	G3 / G4
Thickness	70mm, 100mm

SECONDARY FILTER

POCKET FILTER



Specification

Model Name	M-Pack
Efficiency (EN779:2012)	G3 / G4 / F5 / F6 / F7 / F8 / F9
Frame	Aluminum / Galvanized steel
Thickness	20mm, 21mm, 26mm, 46mm, 47mm
Media	Melt-blown synthetic fiber
Number of Bags	3P - 12P
Sealant	The pockets tightly assembled by using mount ring to form a rigid structure.

GLASS FIBER POCKET FILTER



Specification

Model Name	M-Pack-GF
Efficiency (EN779:2012)	M6 / F7 / F8
Frame	Extruded aluminum / Galvanized steel / Stainless steel
Thickness	8mm, 10mm, 12mm, 21mm, 23mm, 46mm, 96mm
Media	Non-woven synthetic fiber with metal wire mesh
Number of Bags	3P - 12P
Structure/ Arrangment	Extended surface multi V-shaped pocket filter

HIGH DUCT-HOLDING POCKET FILTER



Specification

Model Name	M-HPack
Efficiency (EN779:2012)	G3 / G4 / M5 / M6 / F7 / F8 / F9
Material	Extruded aluminum / Galvanized steel
Thickness	20mm / 21mm / 26mm / 47mm
Media	Polyester synthetic fiber
Number of Bags	3P - 12P
Structure/arrangement	Mini-pleated media assembled into V-bank configuration for Greater air flow and longer service life

MEDIUM EFFICIENCY FILTER WITH SEPARATOR



Specification

Model Name	M-MI
Efficiency (EN779:2012)	M6 / F7 / F8 / F9
Frame	Extruded aluminum / Galvanized steel
Thickness	20mm / 21mm / 26mm / 47mm
Media	Fiberglass
Separator	Corrugated aluminum / Paper
Sealant	Polyurethane glue

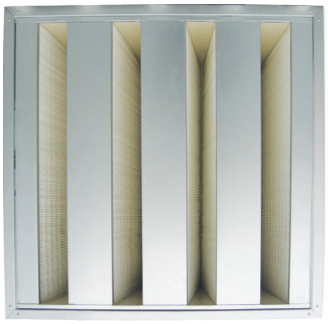
SECONDARY FILTER



MEDIUM EFFICIENCY FILTER WITH SEPARATOR (HIGH TEMPERATURE RESISTANT)

Specification

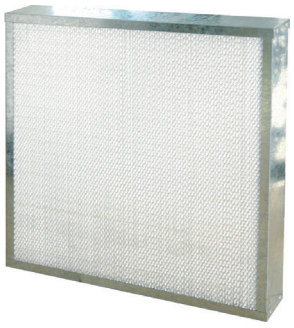
Model Name	M-MIIH
Efficiency (EN779:2012)	M6 / F7 / F8 / F9
Frame	Galvanized steel / Aluminum / Stainless steel
Thickness	80mm / 150mm / 220mm / 292mm
Face-guard	Galvanized steel / Aluminum / Stainless steel
Media	Fiberglass
Separator	Corrugated aluminum



MEDIUM EFFICIENCY V-SHAPED MINI-PLEATED FILTER

Specification

Model Name	M-MV
Efficiency (EN779:2012)	M6 / F7 / F8 / F9
Frame	Galvanized steel / Aluminum / ABS
Header	Non-header / Single header (thickness: 20mm)
Media	Fiberglass
Separator	Corrugated aluminum / paper
Structure/arrangement	Mini-pleated media assembled into V-bank configuration for Greater air flow and longer service life

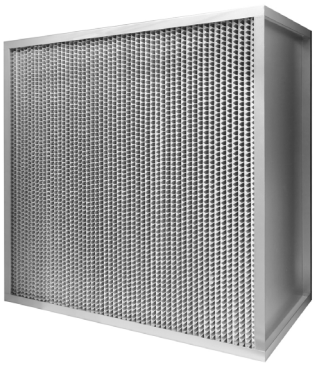


MEDIUM EFFICIENCY MINI-PLEATED FILTER

Specification

Model Name	M-MII
Efficiency (EN779:2012)	M6 / F7 / F8 / F9
Frame	Beverage Board / Galvanized steel / Aluminum / Stainless steel
Face-guard	Epoxy powder coated steel mesh
Thickness	50mm / 70mm / 80mm / 90mm / 95mm / 100mm
Media	Fiberglass
Separator	Hot melt bead
Structure/arrangement	Ultra-slim and compact design

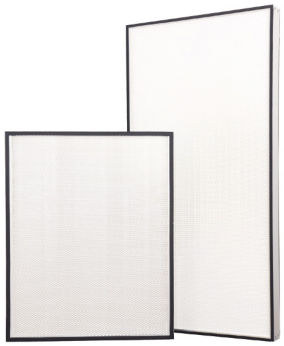
SEMI HEPA, HEPA, ULPA FILTER



AIR FILTER WITH SEPARATOR

Specification

Model Name	M-SHI / M-HI
Frame	Galvanized steel / Aluminum / Stainless steel / Plywood
Thickness	80mm / 95mm / 150mm / 220mm / 292mm
Header	Non-header / Single header / Double header
Media	Fiberglass
Efficiency (EN1822:2009)	E10 / E11 / E12 / H13 / H14
Sealant	Polyurethane glue
Separator	Corrugated aluminum



MINI-PLEATED AIR FILTER

Specification

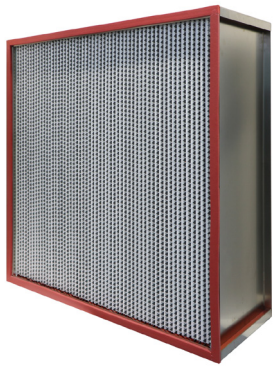
Model Name	M-SHII / M-HII / M-UII
Frame	Galvanized steel / Aluminum / Stainless steel
Thickness	50mm / 70m / 80mm / 90mm / 95mm / 100mm / 110mm
Header	Non-header / Single header / Double header
Media	Fiberglass
Efficiency (EN1822:2009)	E10 / E11 / E12 / H13 / H14 / U15 / U16
Separator	Hot melt bead



V-SHAPED MINI-PLEATED FILTER

Specification

Model Name	M-SHV / M-HV
Structure/Arrangement	Mini-pleated media assembled into V-bank configuration for greater air flow and longer service life
Frame	Galvanized steel / Aluminum / ABS
Thickness	292mm
Header	Non-header / Single header / Double header
Media	Fiberglass
Efficiency (EN1822:2009)	E10 / E11 / E12 / H13 / H14
Separator	Hot melt bead

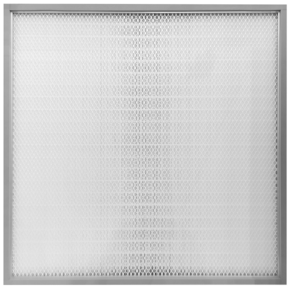


AIR FILTER WITH SEPARATOR (HIGH TEMPERATURE RESISTANT)

Specification

Model Name	M-HIH
Frame	Galvanized steel / Aluminum / Stainless steel
Thickness	80mm / 150mm / 220mm / 292mm
Header	Non-header / Single header / Double header
Media	Fiberglass
Efficiency (EN1822:2009)	H13 / H14
Separator	Corrugated aluminum

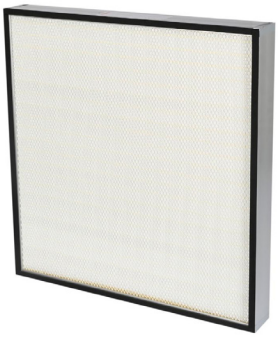
SEMI HEPA, HEPA, ULPA FILTER



MINI-PLEATED AIR FILTER (PTFE)

Specification

Model Name	M-HII-PTFE / M-UII-PTFE
Frame	Anodized extruded aluminum profile
Thickness	30mm / 50mm / 70mm
Media	PTFE with low out-gassing
Efficiency (EN1822:2009)	H13 / H14 / U15 / U16 / U17
Face-guard	Epoxy powder coated steel, aluminum
Sealant	Polyurethane glue



MINI-PLEATED AIR FILTER (PAO TEST)

Specification

Model Name	M-HII-PAO / M-UII-PAO
Structure/Arrangement	Ultra-slim and compact design
Frame	Anodized aluminum
Thickness	50mm / 70mm / 90mm / 110mm
Media	Ultra-fine fiberglass
Efficiency (EN1822:2009)	H13 / H14 / U15
Sealant	Polyurethane glue
Separator	Hot melt bead



MINI PLEATED AIR FILTER WITH SEPARATOR (PAO GEL-SEALED)

Specification

Model Name	M-HII-PAO-GS / M-UII-PAO-GS
Structure/Arrangement	Ultra-slim and compact design
Face-guard	Epoxy powder coated steel mesh
Frame	Anodized aluminum
Thickness	80mm / 100m (Top Gel); 93mm (Side Gel)
Media	Ultra-fine fiberglass
Efficiency (EN1822:2009)	H13 / H14 / U15
Sealant	Polyurethane glue
Separator	Hot melt bead



MINI-PLEATED AIR FILTER (KNIFE EDGE)

Specification

Model Name	M-HII-KE / M-UII-KE
Structure/Arrangement	Ultra-slim and compact design
Face-guard	Epoxy powder coated steel mesh
Frame	Anodized aluminum
Knife edge depth	18mm
Media	Ultra-fine fiberglass
Efficiency (EN1822:2009)	H13 / H14 / U15 / U16
Sealant	Polyurethane glue
Separator	Hot melt bead

NANOFIBER

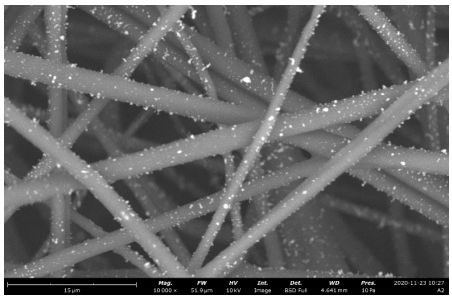


NANOFIBER PACK FILTER

Specification

Model Name	Nalfar ™
Efficiency	F5 / F6 / F7 / F8 / F9
Frame	Double U aluminum alloy / Galvanized sheet iron
Thickness of the frame	20mm / 21mm / 26mm / 47mm
Filter material	Nanofiber
Stiffener	Galvanized steel strip
Joint angle	Sturdy ABS plastic horns/Aluminum alloy horns

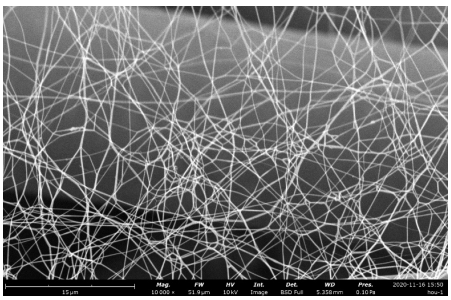
Advantages of nanofibers



SEM Image : Fibrous material currently used for air filtration

Fibrous material currently used for air filtration

There are structural defects such as large aperture lead to poor performance of low physical interception efficiency and weak electrostatic adsorption environment.

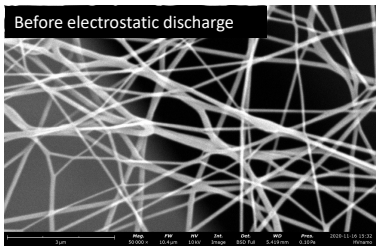


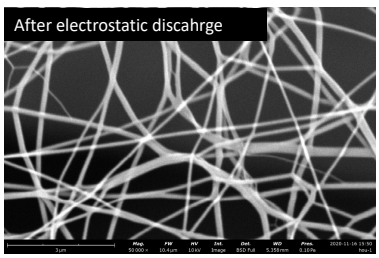
SEM Image : Nanofiber filter material

Nanofiber filter material

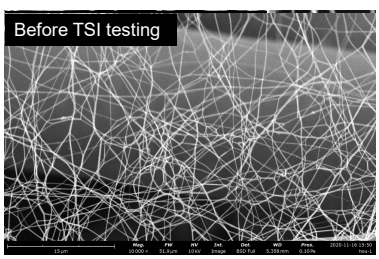
The material promotes a larger filtration surface area, significantly reduces the aperture of the material and improves the filtration efficiency.

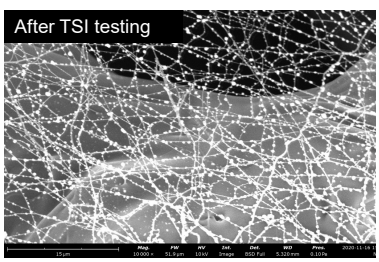
The filtering effect of nanofibers





SEM Image: Before and after electrostatic discharge Magnification:50,000





SEM Image: Before and after TSI test Magnification:10,000



TSI 8130A automated filter tester



Scanning electron microscope

MEDIA, FIBER



ACTIVATED CARBON FILTER MEDIA FOR VOCS REMOVAL

Specification

Model	4C1	6C1	8C1	10C1	12C1
CTC Value	80-100%	80-100%	80-100%	80-100%	80-100%
Surface Area	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g
Hardness	min. 94%	min. 94%	min. 94%	min. 94%	min. 94%
Moisture	max. 3.5%	max. 3.5%	max. 3.5%	max. 3.5%	max. 3.5%
Total Weight	520±10% gsm	720±10% gsm	920±10% gsm	1120±10% gsm	1380±10% gsm
Carbon Content	400±10% gsm	600±10% gsm	800±10% gsm	1000±10% gsm	1200±10% gsm
Pressure drop	24±10% Pa	27±10% Pa	30±10% Pa	34±10% Pa	38±10% Pa



ACTIVATED CARBON FILTER MEDIA FOR ACIDS REMOVAL

Specification

Model	4A2	6A2	8A2	10A2	12A2
CTC Value	min. 85%	min. 85%	min. 85%	min. 85%	min. 85%
Surface Area	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g
Hardness	min. 92%	min. 92%	min. 92%	min. 92%	min. 92%
Moisture	max. 11%	max. 11%	max. 11%	max. 11%	max. 11%
Total Weight	520±10% gsm	720±10% gsm	920±10% gsm	1120±10% gsm	1380±10% gsm
Carbon Content	400±10% gsm	600±10% gsm	800±10% gsm	1000±10% gsm	1200±10% gsm
Pressure drop	24±10% Pa	27±10% Pa	30±10% Pa	34±10% Pa	38±10% Pa



ACTIVATED CARBON FILTER MEDIA FOR BASES REMOVAL

Specification

Model	4B2	6B2	8B2	10B2	12B2
CTC Value	min. 85%	min. 85%	min. 85%	min. 85%	min. 85%
Surface Area	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g	min. 1400m²/g
Hardness	min. 90%	min. 90%	min. 90%	min. 90%	min. 90%
Moisture	max. 12%	max. 12%	max. 12%	max. 12%	max. 12%
Total Weight	520±10% gsm	720±10% gsm	920±10% gsm	1120±10% gsm	1380±10% gsm
Carbon Content	400±10% gsm	600±10% gsm	800±10% gsm	1000±10% gsm	1200±10% gsm
Pressure drop	17±10% Pa	20±10% Pa	23±10% Pa	26±10% Pa	29±10% Pa



M-PTFE

Specification

Model Name	MPTFE
Length Range Of Roll Material	450m-1100m
Diameter Size	430 mm - 750 mm
Thickness	0.4±0.1 mm (50kPa)
Weight	80±10 g/m²
Efficiency	≥ 99.9%
Resistance	95-140 (117)

CHEMICAL MEDIA



ACTIVATED ALUMINA

Specification

Model Name	PM104 / RM108 / PM112
Humidity	-4 ~ 125°F (-20 ~ 51°C)
Air flow	42.5 ~ 17000 CMH
Velocity	0.30 ~ 2.54m/s
Efficiency	< 99.5%
Moisture content	Max. 35%
Hardness	35% ~ 70%
Abrasion	Max. 4.5%
Bulk density	50lbs/ft³ (0.8g/cc) ±5%



COCONUT SHELL CARBON

Specification

Model Name	PM360 / PM360C
Humidity	-4 ~ 125°F (-20 ~ 51°C)
Air flow	< 25 ~ 100000 CFM
Velocity	0.30 ~ 2.54m/s
Efficiency	99.5%
Moisture content	2%
Hardness number	Min. 95%
Apparent density/ bulk dense pack	30lbs/ft³ (0.48g/cc) ±5%
Nominal pellet diameter	4mm



COCONUT SHELL CARBON

Specification

Model Name	PM760 / PM760C
Humidity	-4 ~ 125°F (-20 ~ 51°C)
Air flow	25 ~ 100,000 CMH
Efficiency	< 99.5%
Moisture content	2%
Hardness number	Min. 95%
Target contaminants	Hydrocarbons, chlorine, nitric dioxide
Bulk density	30lbs/ft³
Chlorine	Min. 10% (by weight)

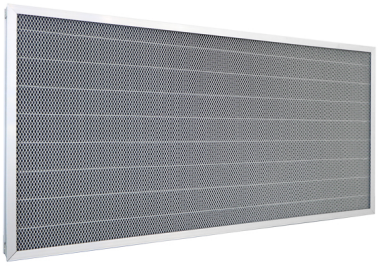


COAL CARBON

Specification

Model Name	PM660 / PM660C / PM680
Humidity	-4 ~ 125°F (-20 ~ 51°C)
Air flow	25 ~ 100,000 CMH
Efficiency	< 99.5%
Moisture content	2%
Hardness number	Min. 95%
Target contaminants	Hydrocarbons, chlorine, nitric dioxide
Bulk density	30lbs/ft³
Chlorine	Min. 10% (by weight)

CHEMICAL FILTER



PURO-F

Specification

Model Name	PURO-F
Media	Different media formula for different classes of amc
Maintenance	Easy maintenance procedures
Efficiency	> 90%
Pressure Drop	Low and constant
Operating Face Velocity	≤ 1.0m/s



PURO-C

Specification

Model Name	PURO-C
Media	Different media formula for different classes of amc
Maintenance	Easy maintenance procedures
Efficiency	> 90%
Pressure Drop	Low and constant
Operating Face Velocity	≤ 2.5m/s
Temperature	0-40°C
Relative humidity	< 70 (%RH)



PURO-V

Specification

Model Name	PURO-V
Media	Different media formula for different classes of amc
Maintenance	Easy maintenance procedures
Efficiency	> 90%
Pressure Drop	Low and constant
Operating Face Velocity	≤ 2.5m/s



PURO-T

Specification

Model Name	PURO-T
Frame	Galvanized steel / stainless steel
Media	Compatible with various type of media
Pressure Drop	Constant system
Maintenance	Easy maintenance procedures
Efficiency	< 90%

CHEMICAL FILTER



CT-SERIES

Specification

Model Name	CT-Series
Frame	Galvanized steel / stainless steel
Media	Compatible With Various Type Of Media
Efficiency	> 90%
Pressure Drop	Constant system



MM12

Specification

Model Name	MM12
Frame	Galvanized steel / stainless steel
Media	Compatible With Various Type Of Media
Efficiency	> 90%
Pressure Drop	Constant system



INDOOR RECIRCULATION/ PRESSURISATION UNIT

Specification

Model Name	IRU / IPU
Filter Box Material	Spraying cold-rolled steel plate / insulation board/ Stainless steel plate
Removal Efficiency	Can reach G1 level pr Standard ISA71.04-2013
Diversified Matches	Can go with MayAir carbon cartridges
Carbon Cartridge Advantages	All-in-one plastic molding with abs plastic, the cartridge covered with filter nets, dust proof, corrosion and fire resistant
Diversified Applications	Application to a variety or filling media, cartridge can be repeatedly filled
Easy Maintenance	Installation by single person, no tools required



SIDE MOUNTED CHEMICAL FILTRATION UNIT

Specification

Model Name	SAH
Filter Box Material	Spraying cold-rolled steel plate / insulation board/ Stainless steel plate
Removal Efficiency	Can reach G1 level pr Standard ISA71.04-2013
Diversified Matches	Can go with MayAir carbon cartridges
Module	Low running resistance
Diversified Applications	Application to a variety or filling media, cartridge can be repeatedly filled
Easy Maintenance	Side disassembly, no installation tools required

ELECTROSTATIC AIR CLEANER



ELECTROSTATIC AIR CLEANER AC SERIES (AHU STANDARD TYPE)

Specification

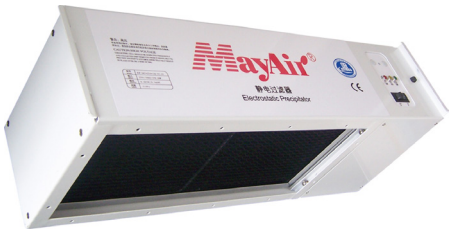
Model Name	EAC-AC
Efficiency (EN779:2012)	F7 / F8 (ASHRAE 52.2)
PM2.5 testing efficiency	>90% at 2.5m/s (with pre-filter)
Microbes testing efficiency	>90% Albe to remove particle with the size up to 0.01 μm
Long Service Life	Up to 10 years
Low Power Consumption	≤ 39W
Low Initial Pressure Drop	25Pa



ELECTROSTATIC AIR CLEANER FC-ST SERIES (FAN-COIL STANDARD TYPE)

Specification

Model Name	EAC-FC
Single pass efficiency (PM10)	92.3% at 1.25m/s
Single pass efficiency (PM2.5)	93.7% at 1.25m/s
Indicators	Operation, cleaning and malfunction indicators
Low Initial Pressure Drop	7.4-10Pa at 1.25m/s
Without Panel	Can combine with return air duct
With Panel	Can be installed on ceiling, wall or cabinet



ELECTROSTATIC AIR CLEANER (BOTTOM-LOADED) FC-ST SERIES (FAN COIL STANDARD TYPE)

Specification

Model Name	EAC-FC-ST
Efficiency (EN779:2012)	F8
Single pass efficiency (PM2.5)	97.3% at 1.25m/s, 96.3% at 1.50m/s
Indicators	Operation, cleaning and malfunction indicators
Low Initial Pressure Drop	7Pa at 1.25m/s
Washable	Washable ionic cell



ELECTROSTATIC AIR CLEANER (SIDE-LOADED) DS SERIES (RETURN AIR DUCT TYPE)

Specification

Model Name	EAC-DS
Efficiency (EN779:2012)	F8
Indicators	Operation, cleaning and malfunction indicators
Low Power Consumption	≤ 39W
Low Initial Pressure Drop	20Pa
Washable	Washable ionic cell

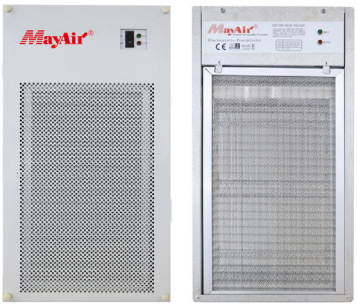
ELECTROSTATIC AIR CLEANER



ELECTROSTATIC AIR CLEANER (SIDE-LOADED) FA SERIES (AIR DUCT TYPE)

Specification

Model Name	EAC-DS
Filter arrangement	Pre-filter, electrostatic air cleaner series, carbon filter
Continuous operating temperature	4~52°C
Recommended washing temperature	40~50°C
Noise Level	Low



ELECTROSTATIC AIR CLEANER FC-SE SERIES (AIR DUCT TYPE)

Specification

Model Name	EAC-FC-SE
Filter arrangement	Pre-filter, electrostatic air cleaner series, carbon filter
Continuous operating temperature	4~52°C
Recommended washing temperature	40~50°C
Noise Level	Low



KITCHEN EXHAUST SYSTEM CLEANABLE ELECTRONIC AIR CLEANER

Specification

Model Name	EAC-KE
Efficiency	MERV 13, 14, 15
Indicators	Operation, cleaning and malfunction indicators
Long Service Life	Up to 10 years



GERMICIDAL AIR PURIFIER (ELECTROSTATIC TYPE)

Specification

Model Name	DB-4
Filter arrangement	Pre-filter, electrostatic air cleaner, chemical filter
PM2.5 purification effeciency	99.9%
Noise Level	Low
Air Volume (m^3/h)	150 / 250 / 350 / 500
Installation Method	Ceiling-Method

FAN FILTER UNIT



EQUIPMENT FAN FILTER UNIT

Specification

Model Name	EFU
Motor	AC / EC
Casing Construction	Galvalume / stainless steel / aluminum
Optional Accessories	Air inlet pre-filter, downstream diffuser, pressure gauge, pressure gauge port for filter pressure drop monitoring, cleanliness monitoring port, DOP testing port, air inlet collar, five-speed controller, humidity monitoring port, remote control, European plug and others
Low Energy Consumption	High efficiency blower
Low Noise Level	High total static pressure
Speed Controller	None / manual speed controller / small scale centralized speed controller

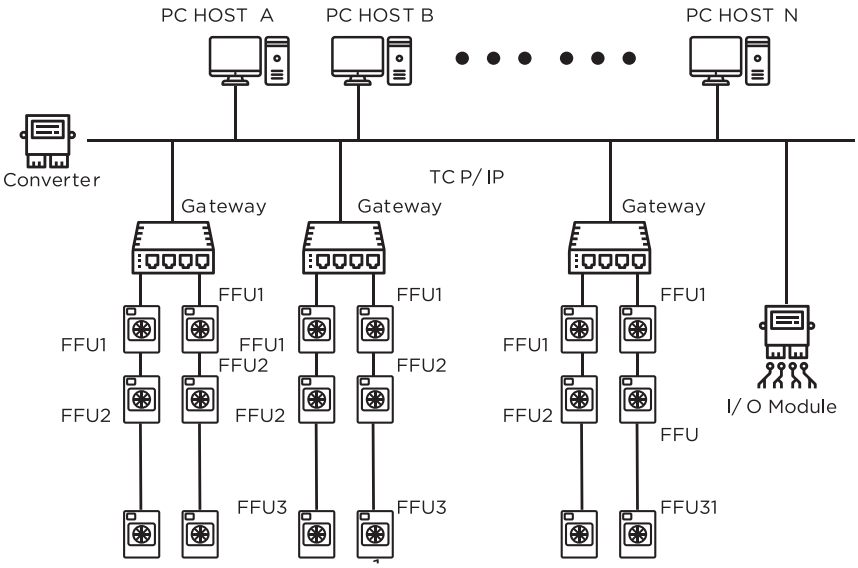


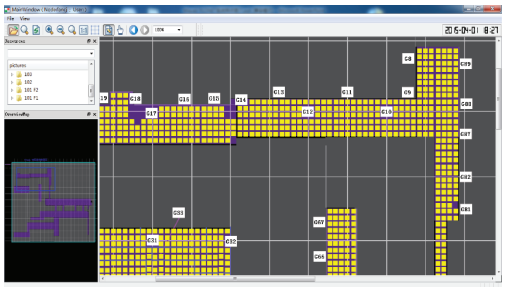
FAN FILTER UNIT

Specification

Model Name	FFU
Motor	AC / EC
Casing Construction	Galvalume / stainless steel / aluminum
Optional Accessories	Air inlet pre-filter, downstream diffuser, pressure gauge, pressure gauge port for filter pressure drop monitoring, cleanliness monitoring port, DOP testing port, air inlet collar, five-speed controller, humidity monitoring port, remote control, European plug and others
Low Energy Consumption	High efficiency blower
Low Noise Level	High total static pressure
Speed Controller	None / manual speed controller / small scale centralized speed controller

MAYAIR FLONET DIRECT CURRENT FFU GROUP CONTROL SYSTEM





- High control capacity. Able to perform real-time monitoring and control 50,000 units FFU.
- Short response time.
- Convenient installation through ID registration.
- Remote control of MayAir FLONET system.
- OPC communication protocol.
- Optional email service function.
- Difference color display feature to indicate the FFU working condition.
- 3 level high security authorization: Administrator, operator and guest.

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