



**AIR FILTERS  
PERFORMANCE NONWOVENS**

# Complete Technological **Air Filtration Solution**





## About Us

Aeropro, a Group of companies, Globally presented largest manufacturers of Air Filtration media in ISO quality certified manufacturing plants. AEROPRO is dedicated to provide Environment friendly Green Air Filtration Products, to the world for Greener safer future.

We are the leading suppliers of all kinds of High-Performance Air Filtration media, Air Filtration assembly components, Chemical Filtration materials for applications, to maintain the IAQ level and Environmental Air Quality.

We have developed our Filter Media, as per Global Recycle Standard for sustainable future.

Aeropro is supplying the products directly/with distributor in Asia, Europe, GCC- Africa Region, Americas, and Australia for all kinds of market segments and applications.

Thanks to the multiple manufacturing locations and capacity, AEROPRO ensures the quality products with faster delivery to our customers.

Aeropro is fully equipped with Advanced Filtration techniques to develop New Air filtration customized Filter Media for Target applications. We have Modern Manufacturing methods, High Production Capacity with consistent quality.

Aeropro is fully dedicated to provide Quality with updated and Modernized R&D labs for ensuring quality of Filtration materials as per the Filtration standards ISO, ASHRAE & EN.

## AEROPOLY ROLLS & PADS

### COARSE & FINE FILTRATION PLEAT & POCKET FILTERS MEDIA

Aeropro offers the wide range of selection of Polyfiber Polyester media for Coarse and Fine Filtration Media for AirIntake Systems, Air Handling Units and General Ventilation Systems.



Material - 100% PET PP Nonwoven Synthetic Fibres, Needle Punched, Thermally Bonded

Construction - By arranging progressively structured Media fibres that gradually increases in density with the depth of the material

Grades - G2 to F9 / MERV 4 to MERV 15 / ISO Coarse to ISO ePM1

Depths & GSM - Available in different depths and GSM

Size - Available in different Size, Thickness, Cut Rolls & Pads. Option of preferable colour fibres.

Features - Option of customized LPD with different Grades with High DHC



## AERO LAMIROLL

### COARSE & FINE FILTRATION - DISPOSABLE PLEATED AIR FILTER MEDIA

Aeropro offers the Laminated Disposable Pleated media for Coarse and Fine Filtration Media for HVAC Air Systems, Air Purifying machines and All Ventilation Systems.

Material - 100% PP Nonwoven Synthetic Fibers with Laminated wiremesh.

Construction - By arranging progressively structured filter fibers that gradually increases in density with the depth of the material, with option of Electrostatic.

Grades - G3 to F9 / MERV 8 to MERV 15 / ISO Coarse to ISO ePM1

Size - Available in different widths, Option of preferable colour fibres.

Features - Fire Retardant & UL materials are available.



## AEROPRO SMB MEDIA ROLLS

### FINE FILTRATION POCKET / BAG FILTER MEDIA

Aeropro offers Ultrasonic welded rolls of Multi layers of superior High Performance Synthetic Meltblown pocket filter media with option of Anti Microbial Coating



Material – Multilayers of 100% PP Meltblown backed with Spun Bonded Materials

Construction – The media have internal spacers for Aerodynamic flow, to ensure the proper Airflow distribution and less initial resistance.

Grades – M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM1

Roll Size – Standard Roll widths and Customised roll widths available.

Features – Option of customized LPD with different Grades with High DHC. Option of Pre filter layer.

Option of AntiMicrobial Coating SMB Media for Hospital & Phrama companies.



## AEROPRO DUAL MEDIA ROLLS – SMB + CARBON

Fine Filtration Pocket / Bag Filter Media with Additional Layer of Chemical Filtration Media. Suitable for Particle Filtration Plus Chemical Filtration. Particles & Odor Removal Applications.

Material – Multilayers of 100% PP Meltblown backed with Spun Bonded Materials Plus additional layer of Carbon/Blended Media.

Construction – The media have internal spacers for Aerodynamic flow, to ensure the proper Airflow distribution and less initial resistance with additional layer of Carbon

Grades – M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM1

Roll Size – Standard Roll widths and Customised roll widths available.

Features – Option of customized LPD, different Grades with High DHC ,

Different grades of Carbon available for Target gases.

## AEROPRO SELFSUPPORT WELDED POCKET FILTER

Aeropro Offers Rigid Self Supported Pocket filters with Aerodynamic Flow pockets for General Ventilations, Automotive, Power Generation Plants & Offshore for its Medium & Heavy Duty Applications.



Material – Multilayers of 100% Polyester PET Synthetic fibers – Self supported Pockets

Construction – Thermally Bonded Rigid pocket Media have Aerodynamic internal diamond spacers for Aerodynamic flow, to ensure the proper Airflow distribution.

Frames – Metal frame, Plastic & PU frame.

Grades – G4 to F9 / MERV 8 to MERV 15 / ISO Coarse to ISO ePM1

Filter Sizes – Standard Sizes with standard no.of pockets.

Features – High DHC, Low LPD, Dual layer options



## AEROPRO READY WELDED POCKETS

Aeropro Offers Rigid Self Supported Aerodynamic Flow pockets ready welded pockets for General Ventilations, Automotive, Power Generation Plants & Offshore for its Medium & Heavy Duty Applications.

Material – Multilayers of 100% Polyester PET Synthetic fibers – Self supported Pockets

Construction – Thermally Bonded Rigid pocket Media have Aerodynamic internal diamond spacers for Aerodynamic flow, to ensure the proper Airflow distribution

Grades – G4 to F9 / MERV 8 to MERV 15 / ISO Coarse to ISO ePM1

Filter Sizes – Standard widths and Lengths.

Features – High DHC, Low LPD, Dual layer options , Fire Retardant material.

## AEROPRO PUREPLEAT SERIES

### SELF SUPPORTED PLEATED AIR FILTER MEDIA (NO WIREMESH SUPPORT)

Aeropro offers Self supported Rigid Pleated Filter Media with Global Recycle Standard Fibers for HVAC Air systems, AHUs and all Air Intake applications



Material - 100% PET PP Nonwoven Synthetic Global Recycle Standard Fibres

Construction - By arranging progressively structured Media fibres that gradually increases in density with the depth of the material

Grades - G3 to F7 / MERV 4 to MERV 13 / ISO Coarse to ISO ePM1

Size - Available in different Rolls, Cut Rolls & Pads. Option of supplying pleated media.

Features - Global Recycle Standard Fibers with



## AEROPRO HYDROPHOBIC SERIES

### COARSE & FINE FILTRATION - PLEAT & POCKET FILTERS MEDIA - WATER MOISTURE RETARDANT

Aeropro offers the Moisture water retardant Polyfiber Polyester media for Coarse and Fine Filtration Media for AirIntake Systems, Air Handling Units and General Ventilation Systems.

Material - 100% PET PP Nonwoven Synthetic Fibres, Needle Punched, Thermally Bonded

Construction - By arranging progressively structured Media fibres that gradually increases in density with the depth of the material

Grades - G2 to F9 / MERV 4 to MERV 15 / ISO Coarse to ISO ePM1

Depths & GSM - Available in different depths and GSM

Size - Available in different Rolls, Cut Rolls & Pads. Option of preferable colour fibres.

Features - Option of customized LPD with different Grades with High DHC

## AEROPRO DIFFUSION MEDIA ROLLS

### FOR PAINTBOOTH / SPRAY BOOTH

Aeropro offers the High-Performance Diffusion media rolls for Air Intake in Paint shop, Spray booth applications in Automotive Industries.



Material - 100% PET PP Nonwoven Synthetic Fibres , Needle Punched, Thermally Bonded

Construction - By arranging progressively structured Media fibres with Fully tackifier and PP/Glass Scrims

Grades - M5 & M6 / MERV 10 & MERV 11 / ISO ePM10 to ISO ePM 2.5

Depths & GSM - Available in different depths and GSM

Size - Available in different Rolls, Cut Rolls & Pads..

Features - High Dust Holding Capacity, Longer life, Uniform Progressive dense fiber arrangement.



## AEROPRO PAINT GLASS MEDIA ROLLS – AERO GLASS

### FOR PAINTBOOTH / SPRAY BOOTH

Aeropro offers High dense Quality original Glass fiber media for Purifying Exhaust Air Applications in Paint shop, Spray booth applications in Automotive Industries.

Material - 100% Glass fibers

Construction - progressively structured Glass fibres with Fully tackifier, with oil or without oil

Grades - G2 & M4 / MERV 4 & MERV 8 / ISO Coarse

Depths & GSM - Available in different depths 25,50,75,100 mm and GSM

Size - Available in different Rolls, Cut Rolls & Pads.

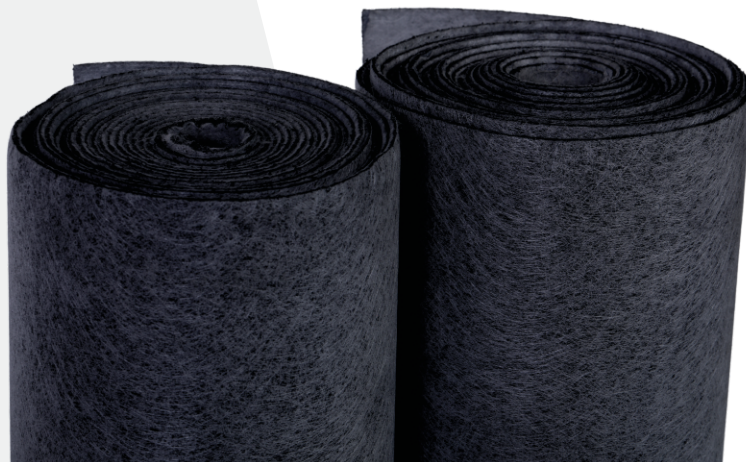
Features - High Dust Holding Capacity, Longer life, Uniform Progressive dense fiber arrangement, different fiber color possible, High stable of formation ensure high paint capture capability.



## AEROPRO FILSORB AK ROLLS

### ODOR REMOVAL, CHEMICAL, MOLECULAR CONTAMINATION FILTRATION

Aeropro offers Chemical media rolls for contaminant molecular filtration and Odor removal. Highest Removal efficiency for all target gases with multiple option of Micro Carbon & other granules.



Material – Different grades of Activated Carbon granulated and layered with PP material.

Construction – Right CTC Micro Activated Carbons granules with uniform loading.

Raw material : Coconut shell carbon

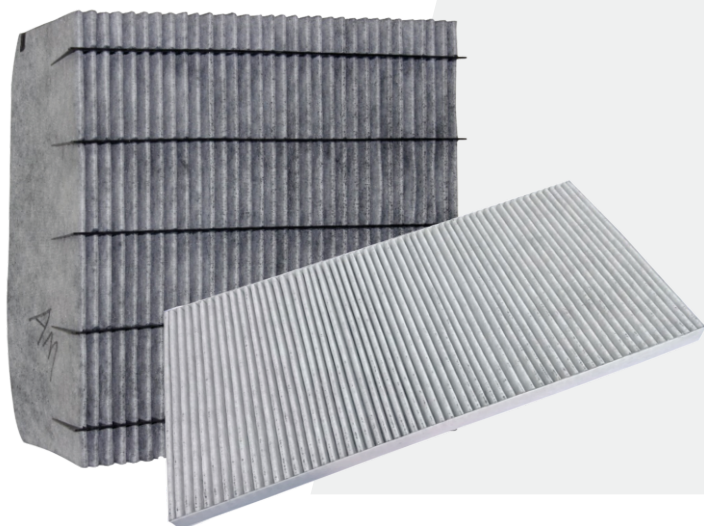
Grades – M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM 1

Base weight – 150 gsm to 1600 gsm ; CTC carbon : 55% to 100 %

Size – Available in different size rolls,

Target Gases – Acidic Molecules & VOC contents such as SO<sub>2</sub>, H<sub>2</sub>S, HCl, Cl, F etc.

Removal Efficiency : 85% to 98% as per ASHRAE 145.1 and 145.2



## AEROPRO FILSORB PLEAT PACKS

### ODOR REMOVAL, CHEMICAL , MOLECULAR CONTAMINATION FILTRATION

Aeropro offers Pleated Chemical media for Odor removal, molecular filtration. Multiple options of pleat depths, widths with Micro Carbon & other Granules for target gases.

Material – Different grades of Carbon, KMnO<sub>4</sub>, NaMnO<sub>4</sub> granulated and layered with PP material.

Construction – Right CTC Micro Carbons / KMnO<sub>4</sub>, NaMnO<sub>4</sub> granules with uniform loading.

Raw material : Coconut shell carbon , Potassium Permanganate, Sodium Permanganate , ION

Grades – M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM 1

Base weight – 150 gsm to 1600 gsm ; CTC carbon : 55% to 100 %

Size – Minipleat packs pleat Depths 22,25,45,95,150,240mm and other depths available.

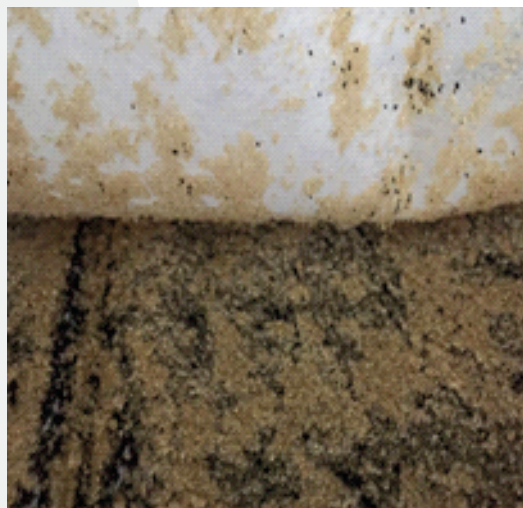
Target Gases- Alkaline, Acidic & VOC gas phase contents such as SO<sub>2</sub>, H<sub>2</sub>S, NO<sub>2</sub>, formaldehyde, Ammonia, amines, aldehydes.

Removal Efficiency : 85% to 98% as per ASHRAE 145.1 and 145.2

## AEROPRO FILSORB MIX-IE

### ODOR REMOVAL, CHEMICAL , MOLECULAR CONTAMINATION FILTRATION

Aeropro offers Ion Exchange Resin Chemical media for Odor removal. Highest degree Removal efficiency for all target gases with multiple option of Carbon & ION Exchange



Media Constituents- Activated carbon and Ion exchange resin or blend of both bonded to non-woven synthetic substrate.

Raw material: - Coconut shell carbon & Ion Exchange Resin

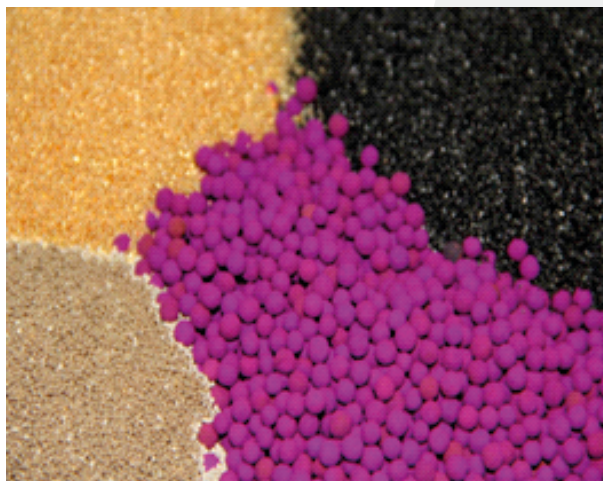
Grades - M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM 1

Base weight - 150 gsm to 1600 gsm ; CTC carbon : 55% to 100 %

Size - Different Size Rolls size and Pleat packs available.

Target Gases - Acidic, Basic & VOC contents such as SO<sub>2</sub>, H<sub>2</sub>S, NO<sub>2</sub>, formaldehyde, Ammonia, amines, aldehydes etc

Removal Efficiency : 85% to 98% as per ASHRAE 145.1 and 145.2



## AEROPRO FILSORB - M Granules

### ODOR REMOVAL, CHEMICAL, MOLECULAR CONTAMINATION FILTRATION

Aeropro offers special coated granules for high adsorption and high removal efficiency. Different granules are available for different applications.

Media Constituent- Plain Activated carbon / Ion-Exchange Resin / Alumina impregnated granules / Activated Carbon Impregnated Granules

Available - Spherical Beads / Granules ; ; CTC carbon : 55% to 100 %

Target Gases- Alkaline, Acidic & VOC gas phase contents such as SO<sub>2</sub>, H<sub>2</sub>S, NO<sub>2</sub>, formaldehyde, Ammonia, amines, aldehydes

Removal Efficiency : 85% to 98% as per ASHRAE 145.1 and 145.2



## AEROPRO FILSORB VTYPE FILTER

ODOR REMOVAL, CHEMICAL,  
MOLECULAR CONTAMINATION  
FILTRATION

Aeropro offers Rigid V-Type Filters with Chemical media for molecular filtration. Highest Removal efficiency with particulate filtration for all target gases with multiple option of Carbon & other granules.



Material – Different grades of Carbon,  $\text{KMnO}_4$ ,  $\text{NaMnO}_4$  granulated and layered with PP material.

Construction – Right CTC Micro Carbons /  $\text{KMnO}_4$ ,  $\text{NaMnO}_4$  granules with uniform loading.

Raw material : Coconut shell carbon , Potassium Permanganate, Sodium Permanganate , ION

Grades – M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM 1

Base weight – 150 gsm to 1600 gsm ; CTC carbon : 55% to 100 %

Size – 592x592x292mm ; 490x592x292mm ; 287x592x292mm

Target Gases – VOCs, Acidic & Alkaline Molecules such as  $\text{SO}_2$ ,  $\text{H}_2\text{S}$ ,  $\text{NO}_2$ , Ammonia,

Amines, formaldehyde, other aldehydes.

Removal Efficiency : 85% to 98% as per ASHRAE 145.1 and 145.2

## AEROPRO FILSORB MIX ROLLS

ODOR REMOVAL, CHEMICAL, MOLECULAR  
CONTAMINATION FILTRATION

Aeropro offers Micro Carbon with Alumina granules with particulate filtration media for molecular filtration and Odor removal. Highest Removal efficiency for all target gases with multiple option of Carbon & other granules.



Material – Different grades of Carbon,  $\text{KMnO}_4$ ,  $\text{NaMnO}_4$  granulated and layered with PP material.

Construction – Right CTC Micro Carbons /  $\text{KMnO}_4$ ,  $\text{NaMnO}_4$  granules with uniform loading.

Raw material : Coconut shell carbon , Potassium Permanganate, Sodium Permanganate , ION

Grades – M5 to F9 / MERV 10 to MERV 15 / ISO ePM10 to ISO ePM 1

Base weight – 150 gsm to 1600 gsm ; CTC carbon : 55% to 100 %

Size – Available in different size rolls,

Target Gases – Acidic Molecules & VOC contents such as  $\text{SO}_2$ ,  $\text{H}_2\text{S}$ ,  $\text{HCl}$ ,  $\text{Cl}$ , F etc.

Removal Efficiency : 85% to 98% as per ASHRAE 145.1 and 145.2

## AEROPRO CARBON IMPREGNATED ROLLS

### VOC ODOR REMOVAL FILTRATION

Aeropro offers Polyester Media rolls with Carbon Impregnation for Lower grade Odor Removal for General HVAC applications and Commerical Applications



Material – Polyester Media with Carbon blended with  $\text{KMnO}_4$  or  $\text{NaMnO}_4$

Construction – Right CTC Micro Carbons /  $\text{KMnO}_4$ ,  $\text{NaMnO}_4$  granules with uniform loading in Polyester Media

Base material : Coconut shell carbon , Potassium Permanganate, Sodium Permanganate

Grades – G4 to M5 / MERV 8 to MERV 10 / ISO ePM10 to ISO ePM 10

Base weight – 150 gsm to 500 gsm ; CTC carbon : 55% to 65 %

Size – Different thickness & Rolls Sizes are available.

Target Gases- Alkaline, Acidic & VOC gas phase contents such as  $\text{SO}_2$ ,  $\text{H}_2\text{S}$ ,  $\text{NO}_2$ , formaldehyde, Ammonia, amines, aldehydes.

Removal Efficiency : 65% to 85% as per ASHRAE 145.1 and 145.2



## AEROPRO ELECTROSTATIC PM 1 & PM 2.5

### FINE FILTRATION – PLEAT & POCKET FILTERS MEDIA

Aeropro offers Electrostatic Media for High efficiency filter media with MERV 8, MERV 10, MERV 13, MERV 14 grades used for General Air Ventilation Applications.

Media- Superior Quality Water resistant, High Density wet laid, High Efficiency, Electrostatic Media

Grades – M5, M6, F7, F8 & F9 / MERV 8, MERV 10, MERV 13, MERV 14 to MERV 15 / ISO ePM10 to ISO ePM 1

Size – Different Rolls Sizes are available with

Application-Used in hospitals, Cleanrooms, biomedical firms, pharmaceutical, universities, laboratories, airports, offices, food processing plants...

Product Category: -High Efficiency filter media Roll-PM2.5 grade



## AEROPRO CABIN AIR FILTER MEDIA

Aeropro offers the Custom high efficiency pleated filters for indoor and outdoor industrial, electronic enclosures, Electronic servers, IAQ Products that are designed to remove dust and other particles.



Media – 100% PP, PET Higher Filtration Efficiency > 95% , Mdi

Good Air Permeability, High Loading Capacity, Low Pressure Drop

White, Yellow, Gray and Black color.

Test Method SAE 1663 & SAE J726

Grade: – M6 to F8 as per EN 779 or MERV 11 to MERV 14 as per ASHRAE 52.2

This product is also well suited to enhance indoor air quality by removing airborne irritants for HVAC and air handling applications in small appliances.



## AEROPOLY HIGH TEMPERATURE MEDIA

**COARSE & FINE FILTRATION – PLEATED FILTERS – FIRE RETARDANT MATERIAL**

Aeropro offers the High Temperature media of Synthetic & Glass Fibre media for Coarse and Fine Filtration Media for AirIntake Systems Ovens, General Ventilation Systems.

Material – 100% PET PP Nonwoven Synthetic Fibres, Glass fibers

Construction – By arranging progressively structured Media fibres that gradually increases in density with the depth of the material

Grades – G2 to M6 / MERV 4 to MERV 11 / ISO Coarse to ISO ePM2.5

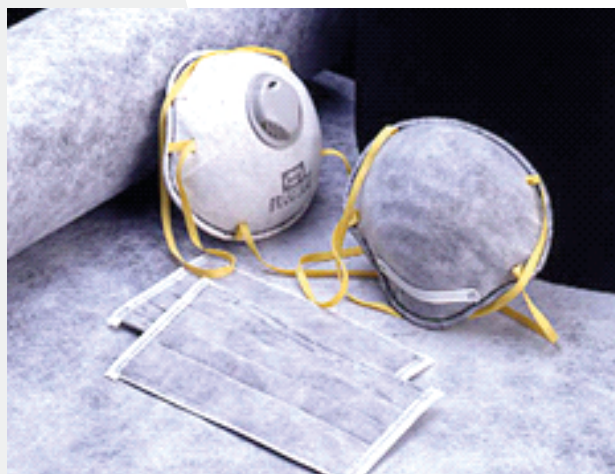
Depths & GSM – Available in different depths and GSM

Size – Available in different Rolls, Cut Rolls & Pads.

Features – Temperature Ranges Above 100 Deg C – 400 Deg C

## AEROPRO FILSORB MASK

Aeropro Offers Face Mask used in industrial work situations such as Painting, Welding, industrial cleaning chemicals, industrial glues, spraying insecticides or pesticides, working with insulation, waste Treatment Plants, petroleum and natural gas fumes, Labs with refining chemicals.



Target Gases – VOCs, Acidic & Alkaline Molecules such as SO<sub>2</sub>, H<sub>2</sub>S, NO<sub>2</sub>, Ammonia, Amines, formaldehyde, other aldehydes.

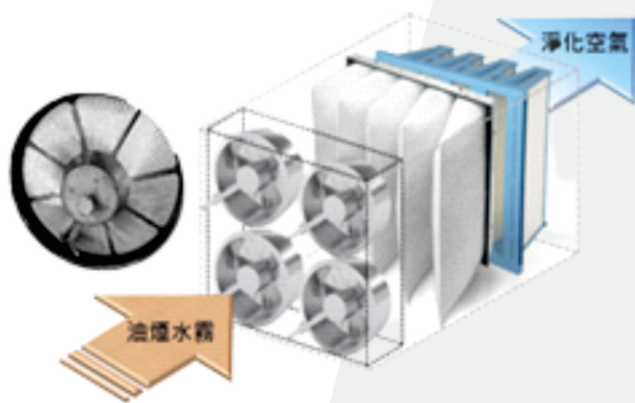
Media Constituents- Activated carbon or Ion Exchange resin or Blend of Activated carbon, Impregnated Activated carbon, Alumina. All micro fine granules are bonded to non-Woven synthetic Substrate media.

Construction – Media is made by advanced manufacturing process

Raw material: - Coconut shell carbon, Ion Exchange resin & non-woven synthetic layers.

CTC Activity: - 85-90%

Models – MC 100 & MC 120



## AEROPRO AEROECO SYSTEMS

### OIL WATER, ODOR SEPARATOR SYSTEM FOR COMMERCIAL KITCHENS

Aeropro Offers Eco Systems To separate & segregate Oil & Grease, Dust, Odors from Exhaust Air Streams in Kitchen Exhaust fumes by using special High Speed Fans, Filters, Odor Removal Carbon Blocks

Used in commercial kitchens in restaurants & hotels, food courts, grill houses, Asian cooking, steak houses, charcoal cooking....

Construction: – The casing material is single skin or double skin with various options of filtration stages such as stainless-steel filters, centrifugation machine, hydrophobic filters, electrostatic precipitator section, particulate filters & odour control sections.

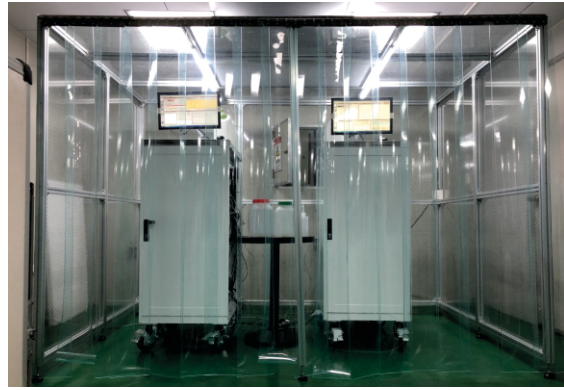
Fan Section: – High Speed Fans

Control Panel: – Customizable control panels

Airflow: – Starting from 500 CFM -24000 CFM

Aeropro offers Group Company Technology for Kitchen Ventilation solutions, visit [www.apter.com.tw](http://www.apter.com.tw)

# AEROPRO TESTING FACILITIES



ASHRAE 52.2 Test Facility  
ASHRAE 145.1 & 145.2  
ISO 10121 Test Facilities  
ISO 16890 Test Facilities  
PM Filtration Test Facilities





## **AEROPRO GROUP OF COMPANIES**

### **TAIWAN**

**Unique Pretty Ind. Co., Ltd.**

No. 7, Wulin St. Shulin,  
New Taipei City 238, Taiwan

Tel : + 886-226822131

Email : s.chen@aeroprofilter.com

### **CHINA**

**Aeropro Filter Ind. (Shanghai) Co., Ltd.**

No.248, Xiangda Rd., Qingpu Industry Area,  
Shanghai 201712, China.

Tel : + 86-21-59221666

Email : exportsales@aeroprofilter.com

### **INDIA**

**Aeropro Filter Industrial Private Limited,**

3/234, Pottireddipatti, Namakkal,  
TamilNadu, India.

**Aeropro Filter Industrial Private Limited,**

No.16/13, Ramesh Complex, Attibele,  
Bengaluru, Karnataka, India.

Email : j.rao@aeroprofilter.com

Tel : +91 9994552760

### **GULF COUNTRIES**

**Aeropro Filter Industrial FZC**

P.O Box No: 42674 , Dubai, UAE

Email : exportsales@aeroprofilter.com

**WWW.AEROPROFILTER.COM**

**WWW.AEROPROFILTER.IN [INDIA ONLY]**