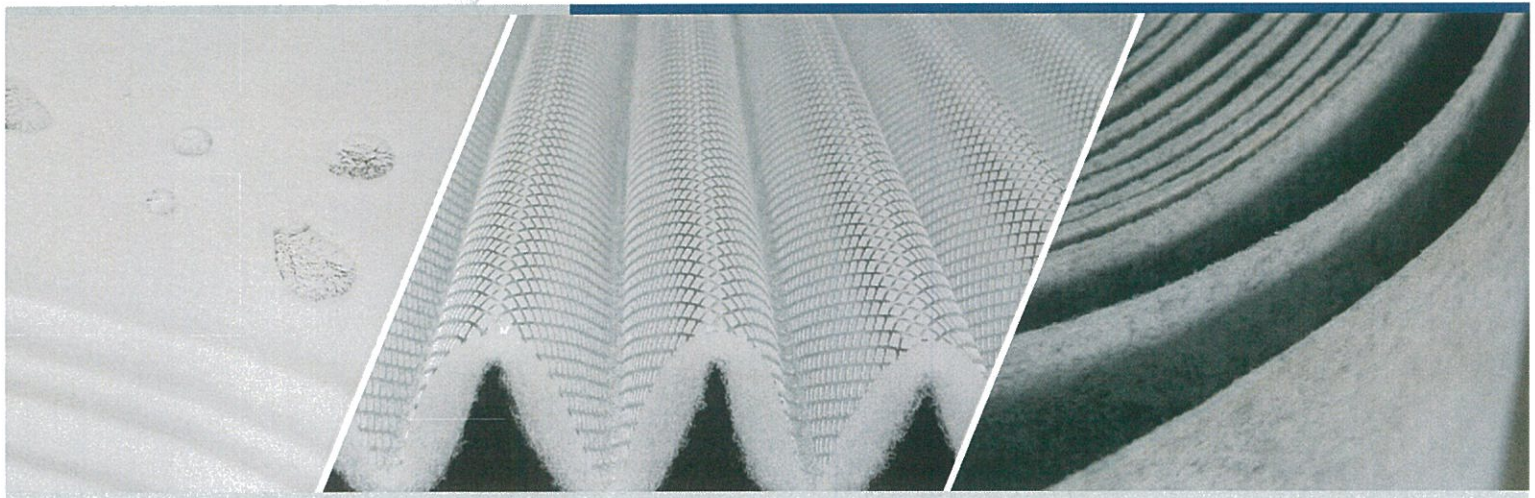


AIR FILTERS

ENVIROMENT FOR A CORPERATE PRIORITY



ROLL FILTERS

PRE FILTERS

BAG FILTERS

COMPACT FILTERS

HAPA FILTERS

FILTER EQUIPMENTS

ACTIVATED CARBON FILTERS

INDUSTRIAL FILTERS



BNK Air Filters is a leading air filter manufacturing company which has been working on HVAC systems for 16 years. Since 2001 BNK has been working on manufacturing on air filter and filtering systems. Today the company has evolved into a full-line manufacturer of a huge variety of commercial and industrial filters, offering the industry's broadest range of air filters for any application.

비엔케이(주)는 에어필터는 HVAC 시스템에서 16년 동안 일해 온 선도적인 에어필터 제조 회사입니다. 부직포를 직접 생산부터 필터 제조까지 국내/국외 유일무이 경쟁력을 가진 부직포/필터 제조업체입니다. 2001년부터 비엔케이(주)는 공기필터 및 여과시스템 제조를 위해 노력해 왔습니다. 오늘날 이 회사는 다양한 상업용 및 산업용 필터의 풀 라인 제조업체로 진화하여 업계에서 가장 광범위한 에어 필터를 모든 어플리케이션에 제공합니다.

OUR MAJOR PRODUCTS ARE;

- Roll Filters : G2-G3-G4-F5 Efficiency (EN 779)
- Pre Filters : G3-G4-F5 Efficiency (EN 779)
- Bag Filters : G4-F5-F6-F7-F8-F9 Efficiency (EN 779)
- Medium Filters : F6-F7-F8-F9 Efficiency (EN 779)
- Hepa Filters : H10-H13-H14-U15 Efficiency (EN 1822)
- RTO Oven Filters
- Activated Carbon Filters
- Cartridge Filters
- Filter Bags
- Paper Filters
- Liquid Filters

우리의 주요 제품은;

- 롤필터 : G2-G3-G4-F5 효율성 (EN 779)
- 오토롤필터 : G2-G3-G4-F5 효율성 (EN 779)
- 프리필터 : G3-G4-F5 효율성 (EN 779)
- 백필터(포켓) : G4-F5-F6-F7-F8-F9 효율성 (EN 779)
- 미디움필터 : F6-F7-F8-F9 효율성 (EN 779)
- 헤파필터 : H10-H13-H14-U15 효율성 (EN 1822)
- 오븐필터 : G2-G3-G4-F5 효율성 (EN 779)
- 활성탄소 필터
- 카트리지 필터
- 집진기용 백필터
- 리퀴드 필터

OUR FILTERS ARE USED IN;

- Plazas
- Hotels
- Shopping Centers
- Hospitals
- Pharmaceutical Plants
- Laboratories
- Chemical Industry
- Food Industry
- Painting & Coating Filtration
- Power Plants
- and where a qualified air is a need.

우리의 필터는 아래와 같이 사용됩니다;

- 자동차 / 반도체공장
- 호텔
- 쇼핑센터
- 병원
- 제약공장
- 실험실
- 화학공업
- 식품산업
- 도상 및 코팅 여과
- 발전소
- 건축용 지재
- 친환경 소재산업

Filtration

Ventilating systems and air conditions systems are integral parts of the engineering structure of the buildings and plants. The clean air needed in the living spaces is acquired with the help of these systems. The elements used in these systems, with which the life quality of people increases, have also great role in the air quality to be created.

Filters are used as the identifier factor of the air quality in ventilating systems.

Despite the simple structure of these filter elements having a significant role in the air quality identification, they should be produced within the framework of very precise measurement and standards.

Appropriate filters should be used in order to capture the particles, power, dust etc in the air conditioning plants and ventilating systems, perform the necessary segregations in the ventilator inlets and decrease the decrease the viruses and bacteria in the supply air.

All the filters should be manufactured not to allow any tiny leakage. Gradual filtration system is used depending on the desired air quality.

- ROLL FILTER
- AUTO ROLL FILTER
- PRE FILTER
- MEDIUM FILTER
- HEPA FILTER

With the great experience of many years in the industry it is active in, BNK Filters gives service with many filter types of various places of use and intentions.

부직포 / 필터

환기 시스템과 공기 시스템은 건물과 설비의 엔지니어링 구조의 필수적인 부분입니다. 생활 공간에 필요한 깨끗한 공기는 이러한 시스템의 도움을 받아 습득됩니다. 사람들의 삶의 질이 향상되는 이러한 시스템에서 사용되는 요소는 대기의 질에 큰 역할을 합니다. 부직포/필터는 환기 시스템의 대기 질의 식별자 요소로 사용됩니다. 대기질 식별에 중요한 역할을 하는 이러한 부직포/필터 요소의 간단한 구조에도 불구하고 매우 정밀한 측정 및 표준 틀 내에서 생산되어야 합니다.

공조 설비 및 환기 시스템의 입자, 동력, 먼지 등을 포집하고 환기구에서 필요한 분리를 수행하고 공급하며, 공기에서 바이러스 및 박테리아를 감소 시키려면 적절한 부직포/필터를 사용해야 합니다. 모든 부직포/필터는 작은 누설이 발생하지 않도록 제조 되어야 합니다.

점진적 여과 시스템은 원하는 공기 품질에 따라 사용됩니다.

- | | |
|---------|-------------|
| ▪ 부직포 | ▪ 집진기 백필터 |
| ▪ 프리필터 | ▪ 액상 유체용 필터 |
| ▪ 포켓필터 | ▪ 토목용 부직포 |
| ▪ 미디움필터 | ▪ 에어크리너 |
| ▪ 헤파필터 | ▪ 카펫타일 부직포 |
| ▪ 오븐필터 | ▪ 건축자재 부직포 |

업계에서 수년간 축적해온 경험에 힘입어 비엔케이(주) 부직포/필터는 다양한 부직포/필터 유형의 사용 및 의도에 대한 서비스를 제공합니다. 감사합니다.

BNK Co., Ltd BEST NON-WOVEN KOREA

E-CATALOGUE

Kinds of air filter media and filters for your spray-booth, and other auto repair equipments, as follows:

SPRAY BOOTH CEILING FILTER

Speciality : BAF-2000BPR; BAF-2000BP; BAF-2000BS

The series of ceiling filters are mainly used in surface spray-paint industry, especially for final filtration in spray booth, which is processed by high-powered non-woven of anti-break synthetic fiber. filtermat is made of such synthesized fibers as polyester, polyamide and nylon, which is characterized with high-air-permeability, low pressure drop and large dust holding capacity.

patented anti-broken, closely-bonded synthetic fibers, no shedding.

No use of chemical binder, thermal-bonded techniques, retardant to fire.

Humidity-resistant up to 100%RH.

Heat-resistant up to 100°C

Washable type available.


Imported type with progressive structure i.e. progressive increase of fiber density toward downstream side which effectively extends lifetime.

Conforming to European DIN53438-F1 and American UL900-Class. The outlet side is printed with EN-779 standard classifications, DIA logo, the registered trademark of BAF. Dense outlet side, low initial resistance, high dust capacity, good fire retardant and long working life

Temperature resistance : 100°C

Instantaneous temperature : 120°C

(Specification):

| Type | Filter Class | Picture | Initial Resistance (Pa) | Final Resistance (Pa) | Dust Holding Capacity (g/m ²) | Thickness (mm) | Sizes (M) |
|-------------|--------------|---|-------------------------|-----------------------|---|----------------|-----------|
| BAF-2000BPR | F5 |  | 25 | 450 | 460 | 22 | 1.6*20 |
| | | | | | | | 2.0*20 |
| BAF-2000BP | F5 | | 30 | 400 | 440 | 22 | 1.6*20 |
| | | | | | | | 2.0*20 |
| BAF-2000BS | F5 | | 30 | 350 | 400 | 22 | 1.6*20 |
| | | | | | | | 2.0*20 |

NOTE

1. BPR series is common media, the net in the surface is not fire-proof. BP series is better than BPR, and BS is the best series, it is backed with the imported non-flammable net scrim.
2. Other specifications are available on request

AIR INLET FILTER

Speciality : BAF-500; BAF-1000; BAF-1500; BAF-2000

This series of filters is designed for seriously polluted general ventilation and the entrance of air control series as pre-filtration or coarse filtration.

Conforming to the non-flammability standard and classification of European

DIN53438-F1 and the United States UL900-Class2

Be workable many times after washing the dust collected

Be widely used in pleated and pocket filters

Excellent dust collection efficiency

The two-layered non-woven fabric has dense density so that the direction of the air flow can be advanced, thereby exerting the function of deep filtration optimally and exhibiting excellent efficiency.

Low pressure loss : Density is uniform, so differential pressure is small and life is prolonged.



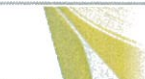
Superior Resilience : Superior resilience, excellent shape fixability and low differential pressure.

Special specifications are also available upon request.

Cutting possible (width, length), maximum thickness (1mm~50mm possible), antibacterial treatment, waterproof treatment, antistatic treatment, flame retardant treatment

Temperature resistance : 100°C~300°C

(Specificaion):

| Type | Filter Class | Picture | Initial Resistance (Pa) | Final Resistance (Pa) | Dust Holding Capacity (g/m ²) | Thickness (mm) | Sizes (M) |
|--------------------------|--------------|---|---|-----------------------|---|----------------|------------------|
| BAF-300 | G2 |  | 10 | 150 | 45 | 2~3 | 1.0*20 2.2*20 |
| BAF-500 | G2 | | 20 | 150 | 65 | 5~7 | 1.0*20 2.2*20 |
| BAF-1000 | G3 | | 25 | 250 | 85 | 10~13 | 1.0*20 2.2*20 |
| BAF-1500 | G4 | | 30 | 250 | 90 | 15~18 | 1.0*20 2.2*20 |
| BAF-2000 | G4 | | 35 | 250 | 94 | 20~50 | 1.0*20 2.2*20 |
| BLB-300 (No Binder) | G2 | |  | 15 | 150 | 50 | 2~3 |
| BLB-500 (No Binder) | G2 | 25 | | 150 | 68 | 5~7 | 1.0*20 2.4*20 |
| BLB-1000 (No Binder) | G3 | 30 | | 250 | 87 | 10~13 | 1.0*20 2.4*20 |
| BLB-1500 (No Binder) | G4 | 35 | | 250 | 92 | 15~18 | 1.0*20 2.4*20 |
| BLB-2000 (No Binder) | G4 | 40 | | 250 | 95 | 20~50 | 1.0*20 2.4*20 |
| BAF-1800R (AUTO ROLL) | G5 |  | | 60 | 300 | 98 | FREE |
| BAF-650A | F5 |  | 60 | 300 | 98 | FREE | 1.0*20 2.2*20 |

PAINT STOP(FLOOR MEDIA)

Speciality : PA-50/PA-100

This product is composited of continuous monofilament glass fiberglass.

It is used in heat recovery systems and high-quality paint mist filtration of surface coating with the high rate of capturing particles and long life-cycle.

Paint arrestor is a graduated density glass media, specially developed to capture paint overspray and prevent it from being discharged into atmosphere. thanks to its high shape stability, low resistance, It is suitable for collection of all types of paint mist, irrespective of the solvent type and including vitreous enamel, which greatly saves your maintenance cost.

Constructed of glass filament, with an open structure on the upstream face, graduating in density to an integral laminated backing on the downstream side.

High shape-stability glassfiber high arrestance efficiency and dust holding capacity to paint overspray.

Fail flammability, maximum heat-resistance up to 150°C

Long lifetime, unnecessary for frequent replacement, maintenance cost reduced, maximum temperature up to 200°C

Can be supplied as cut pads based on your requirements, or be assembled into metal frame or paper frame.

Can be replaced by corrugated paper filter and coconut-tree filter with higher efficiency and longer operation-time.


Can be compressed when shipment to save shipment space and cost, easy to return original lofty shape.

Meeting your demand, tackifier additive can be applied.

Temperature resistance : 170°C

Conforming to the European DIN53438-F1

(Specification):

| Type | Picture | Initial Resistance (Pa) | Final Resistance (Pa) | Dust Holding Capacity (g/m ²) | Thickness (mm) | Sizes (M) |
|--------|---|-------------------------|-----------------------|---|----------------|-----------|
| BA-50 |  | 8~40 | 150 | 3500 | 50 | 600*80 |
| | | | | | | 750*80 |
| | | | | | | 1000*80 |
| BA-100 | | 15~60 | 200 | 4700 | 100 | 500*40 |
| | | | | | | 1000*40 |
| | | | | | | 2000*40 |

OVER SPRAY FILTER

Speciality :

Common applications : It is widely used in various types of green spray cabinets, wood, metal, furniture spray, car spray, as well as other industrial spraying.

Features : With wrinkled tsubaki structure, it can absorb ultra-wide over spray effectively, forcing the over jet stream flow to change direction several times and the particles heavier than the air will adhere to the walls while stream flow to change direction several times and the particles heavier than the air will adhere to the walls while not be taken away with the air. Overspray materials fill in the bottom of the fold until they completely block off the filter, then you have to replace it. v type-depth bearer, the filter can become more effective accompanying the saturation which is exactly opposite to glass fiber filters (as for glass fiber filters, the filtration efficiency will decrease accompanying the saturation.)

The most appropriate inertial separation avoids the paint bouncing back. the front and the back hole can self-support and self-offset to ensure smooth airflow and stability. according to the type, features and solid content state of paint, the filtration efficiency can be up to 98%.

Positive Wind Speed : 1.0m/s

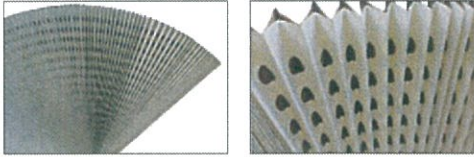
Large adsorption capacity, up to 15kg/m², 5~6 times more than filter materials.

All types of paint cabinets can be easily converted to use it.

Standard size : 10 meters in length, 0.75/0.9/1.0m in width

Filter media : Imported environmental rigid paper board

Common Size is : 1.0m*10m(one box)



ACTIVATED CARBON FILTER / NONWOVEN CLOTH

Speciality :

With high-quality powdered activated carbon as the adsorption material, it is made by the means of attaching activated carbon to the matrix of the fiber.

Good absorption and dust collection effect, easy to be formed (cutting and folding arbitrarily), high intensity and low air resistance, it is mainly used in industrial waste gas treatment, fume purification and gas adsorption as well as a variety air-conditioning, air filter package in household and automobiles.

It can be used alone to remove dust, mist, odor and volatile organic pollutants such as benzene, formaldehyde etc. It can also be compounded with superfine melt-blown fiber, coarse filter cotton to reach a better dust filtering and deodorant effect.

ACTIVATED CARBON CLOTH(A.C.F)

Speciality :

Activated carbon non-woven is made by special micro-fiber and coco activated carbon. It has fine adsorption ability, uniform thickness, nice ventilation, no peculiar smell, high carbon content.

Common Applications : It is mainly used to make anti-gas and dust proof masks. It is also widely used in heavy pollution industry such as chemical, pharmacy, painting and pesticide with remarkable effect on gas defense and deodorization.

Tested filter media with 4mm in thickness

carbon content : ≥40%, benzene adsorption : ≥15% carbon tetrachloride absorption : ≥35%

(Specificaion):

| Item | Picture | Carbon Content (%) | Gas Removal Rate (%) | Benzene Adsorption (mg/g) | Dust rapping Rate(%) | Thickness (mm) | Sizes (M) |
|--------------------------------------|---------|--------------------|----------------------|---------------------------|----------------------|----------------|--------------------|
| BAF-300CB BAF-500CB BAF-1000CB | | ≥55~ | ≥85~ | ≥2500~ | ≥85~ | 3/5/10 | 1.0*20 2.0*20 |
| Activated carbon cloth(B-ACF-2510) | | ≥40~ | ≥65~ | ≥1800~ | ≥65~ | 0.5~1.0 | 1.0*500 1.2*500 |

Note / Other specifications are available on request.

PRE-FILTER

Speciality :

Common Applications : Dust filtration, pre-filtration in air filter program.

Features : Large filtering area, low initial resistance, high air flow, large dust holding capacity, completely disposable.

Filter media: Incremental structure of flame-retardant synthetic fiber filter media, conforming to european din53438-f1.

Frame : Waterproofing chipboard, abandoned chipboard frame filters can be burned, no pollution, conforming to environmental requirements/metal frame also available. with unique desing, it can be reused, reducing cost.

Connector : Tooling-made plastic connector for t=46mm type with excellent sealing performance, can eliminate the hidden risk of hurting the erector that the sharp corner formed by the two joining metal connector, during the process of installing, replacing and rinsing.

Internal frame : Self-sealing structure of combined parts, no rick of leaking out.

downstream side of the synthetic media is specially finished smooth to refrain second pollution from shedding fibers.

Low pressure drop, high dust holding capacity.

Waste can be disposed of conveniently, meeting the requirements of environmental protection.

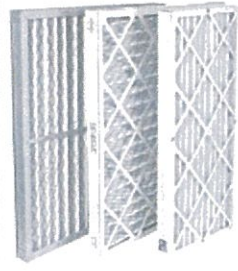
Media can be chosen from such special medium as glass-fiber pad, nylon mesh and metal mesh.

Features : Large filtering area, low initial resistance, high air flow, large dust holding capacity, completely droppable.

Filter Media : Incremental structure of flame-retardant synthetic fiber filter media,conforming to the European DIN53438-F1

Continuous Temperature : 80°C / 100°C

(Specificaion):

| Filter Class | Picture | Dimensions W*H*D (mm) | Rated Airflow (m ³ /h) | Initial Resistance (Pa) | Final Resistance (Pa) | Frame |
|--------------|---|-----------------------|-----------------------------------|-------------------------|-----------------------|-------------------------------|
| G3 |  | 594*594*50T | 3200 | 35 | 200 | Aluminum or Galvanized or SUS |
| | | 594*594*25T | 2700 | | | |
| | | 594*594*20T | 2200 | | | |
| | | 594*594*10T | 1600 | | | |
| G4 | | 594*594*50T | 3200 | 45 | 200 | |
| | | 594*594*25T | 2700 | | | |
| | | 594*594*20T | 2200 | | | |
| | | 594*594*10 | 1600 | | | |

NYLON MESH FILTER


Speciality :

Common Application : It is widely used as the protective pre-filtration in central air conditioning system of household, commerce and industry.

Features : High airflow, low resistance, long working life, economical and it can be used repeatedly.

Filter Media : PP fiber textile black nylon net

(Specificaion):

| Type | Picture | Dimensions W*H*D (mm) | Rated Airflow (m ³ /h) | Initial Resistance (Pa) | Frame |
|--------|---|-----------------------------|---|-------------------------------|---|
| BNK-NL |  | 595*595*10 | 3400 | 5 | Aluminum or Galvanized or SUS |
| | | 595*495*10 | 3200 | | |
| | | 495*495*10 | 2800 | | |
| | | 595*595*20 | 3400 | 10 | |
| | | 595*495*20 | 3200 | | |
| | | 495*495*20 | 2800 | | |

HIGH TEMPERATURE PARA ARAMID NON-WOVEN OVEN FILTER

Speciality :

Common Application : It is mainly used in Hi-tech electronics, military aerospace coating area; filtering tar and smoke produced in high-temperature oven.

This filter allows for effective filtering of tars, soots, rusts, etc, produced in high temperatruue oven to prevent fouling of product surface.

This filter made of special synthetic fibers has enough durability at high temperatures and is very easy in handling, as distinguished from glass fibers which may be broken and airborne when replacing the filtering media.

BI-100w is applicable for 180°C~240°C, and BE-100 wrinclly used in two plys is applied for temperature less then 180°C.

service life of the filter depends on its working temperature.

as its durability is depends on an air velocity running hour, atmosphere and other conditions, please consult us when operating it at the conditions other than given in the standard specifications.

each fiber is not in the same direction, and it is sterically-disposed.

therefore, it has high dust holding capacity and use for a long period.

it is made by combining special materials, and it brings the heat resistance.


it is made of organic fiber. compared with glass fiber filter, there will be smaller possibility to break the fiber and fly apart with our filter, and it is possible to recycle thermally.

Features : Fine heat-resistance, high airflow, low resistance

Filter Media : Imported special organic Para-Aramid fiber without fracturing and shedding phenomenon like fiberglass.

Continuous Temperature : 240°C / 300°C

(Specificaion):

| Filter Class | Picture | Dimensions W*H*D (mm) | Rated Airflow (m ³ /h) | Average Arrestance (%) | Initial Resistance (Pa) | Final Resistance (Pa) | Frame |
|--------------|---|-----------------------------|---|------------------------------|-------------------------------|-----------------------------|---|
| G3 |  | 500*500*25 | 900 | 86 | 40 | 200 | Aluminum or Galvanized or SUS |
| G4 | | 500*500*55 | 900 | 91 | 45 | 200 | |

HIGH TEMPERATURE FIBERGLASS OVEN FILTER

Speciality :

Common Application : It is mainly used in high-temperature oven of hor air type in painting plant to filter tar, soot, dust and other particles to protect the surface painting.

high-temperature panel filter is suitable for operation in drying equipment in the filed of surface treatment.

the series of kgt-II pleated oven filter with imported micro-glassfibre medium, pleated into "w" -shape, is characterized with large filtration area, low initial pressure loss and long life-time.Laminated with metal grid on double sides, galvanized or aluminum frame;heat-resistant glass-fiber filament, high-performance of anti-breaking; pieces cut to customer's specification.

special specifications available.

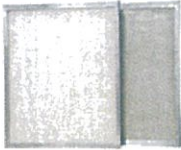
Gasket : Heat-resistant material;

Filter Media : Ultra-fine glass_fiber, high performance of anti-shedding; protection grills: metal grill at air out side.

Features : Media is made of fiberglass by the means of non-fabric superposition, reinforced by expanded aluminum net, not easy to be deformed, fine anti-chemical specialty, temperature resistance can be 170°C 300°C

Frame : Galvanized frame / Aluminum frame

(Specificaion):

| Filter Class | Picture | Dimensions W*H*D (mm) | Rated Airflow (m ³ /h) | Average Arrestance (%) | Initial Resistance (Pa) | Final Resistance (Pa) | Frame |
|--------------|---|-----------------------|-----------------------------------|------------------------|-------------------------|-----------------------|-------------------------------|
| G3 |  | 480*480*15 | 1000 | 86 | 45 | 180 | Aluminum or Galvanized or SUS |
| G4 | | 500*500*25 | 1200 | 90 | 50 | 200 | |
| | | 500*500*50 | | | | | |

METAL MESH FILTER(DEMISTER)


Speciality :

Common Application : high temperature-resistance ventilation system of high strength, anti-acid and anti-alkali, wax-spraying room in the car assembly plant

Features : Low resistance, high airflow, washable and econmaical

Filter Media : aluminum mesh, stainless steel expanded mesh

(Specificaion):

| Type | Picture | Dimensions W*H*D (mm) | Rated Airflow (m ³ /h) | Filtering Area (m ²) | Frame |
|--------|---|-----------------------|-----------------------------------|----------------------------------|-------------------------------|
| BNK-JS |  | 594*594*25 | 3200 | 0.35 | Aluminum or Galvanized or SUS |
| | | 594*287*25 | 2700 | 0.29 | |
| | | 500*500*25 | 2200 | 0.25 | |
| | | 594*594*50 | 3200 | 0.35 | |
| | | 594*287*50 | 2700 | 0.29 | |
| | | 500*500*50 | 2200 | 0.25 | |

ACTIVATED CARBON FILTER MESH

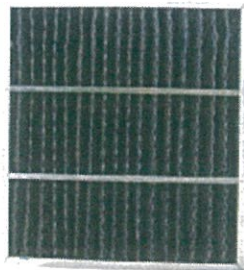
Speciality :

Common Application : Pre-filtration in air conditioning system, it has super-dispel effect on low concentrations of organic pollutants and odor to improve indoor air quality effectively.

Features : Strong surface adsorption ability, a wide range of filter media options, the series can change the filter media by themselves.

Filter Media : Activated carbon composite materials with both dust collecting and deodorizing functions

(Specification):

| Type | Picture | Dimensions W*H*D (mm) | Rated Airflow (m ³ /h) | Average Arrestance (%) | Initial Resistance (Pa) | Final Resistance (Pa) | Frame |
|--------|---|-----------------------|-----------------------------------|------------------------|-------------------------|-----------------------|-------------------------------|
| BNK-TW |  | 594*594*50 | 3200 | 40 | 180 | ≤ 50 | Aluminum or Galvanized or SUS |
| | | 594*594*25 | 2700 | | | | |
| | | 594*594*20 | 1600 | | | | |
| | | 500*500*50 | 2200 | | | | |

ACTIVATED CARBON POCKET FILTER

Speciality :

Common Appliances : Suitable for office buildings, airports, hospitals and other air-conditioning ventilation systems to improve indoor air quality.

Features : The filter bag is composed by high-adsorption activated carbon fiber and filter media, with fine surface adsorption ability. It can get rid of the odor, sulfur dioxide and other volatile organic pollutants in the air effectively.

(Specification):

| Filter Class | Picture | Dimensions W*H*D (mm) | Pocket | Filtering Area (m ²) | Rated Airflow (m ³ /h) | Initial Resistance (Pa) | Final Resistance (Pa) |
|--------------|---|-----------------------|--------|----------------------------------|-----------------------------------|-------------------------|-----------------------|
| G4 |  | 594*594*600 | 6 | 4.64 | 3600 | 35 | 200 |
| | | 594*594*300 | 5 | 3.87 | 3000 | 35 | 200 |
| | | 594*287*300 | 3 | 2.32 | 1900 | 35 | 200 |
| F5 | | 594*594*600 | 6 | 4.64 | 4250 | 45 | 250 |
| | | 594*594*300 | 5 | 3.87 | 3650 | 45 | 250 |
| | | 594*287*300 | 3 | 2.32 | 2100 | 45 | 250 |

PRE-BAG NON-WOVEN POCKET FILTER

Speciality :

Common Application : Pre-filtration in air conditioning system.

Features : Filter media is composited of high quality superfine synthetic fibers made by melt-blown adhesive technology, combined with 10mm anti-burst high-frequency welding structure. **Low resistance and huge effective filtration area.**

Filter media : Made from synthetic fiber and micro fiber materials for pocket filters in gradual technology. **It conforms to European DIN53438-F1.**

(Specification):

| Type | Picture | Dimensions W*H*D (mm) | Pocket | Filtering Area (m ²) | Rated Airflow (m ³ /h) | Initial Resistance (Pa) | Recommended Resistance (Pa) | |
|------|--|---|-------------|--|---|-------------------------------|-----------------------------------|-----|
| G4 |  | 595*595*600 | 6 | 4.64 | 3600 | 35 | 200 | |
| | | 594*594*380 | 5 | 3.87 | 3000 | 35 | 200 | |
| | | 594*287*380 | 3 | 2.32 | 1900 | 35 | 200 | |
| F5 | | 594*594*600 | 6 | 4.64 | 4250 | 50 | 250 | |
| | | 594*594*380 | 5 | 3.87 | 3650 | 50 | 250 | |
| | | 594*287*380 | 3 | 2.32 | 2100 | 50 | 250 | |
| F6 | |  | 594*594*600 | 6 | 4.64 | 4250 | 80 | 400 |
| | | | 594*594*380 | 5 | 3.87 | 3650 | 80 | 400 |
| | | | 594*287*380 | 3 | 2.32 | 2100 | 80 | 400 |
| F7 | 594*594*600 | | 6 | 4.64 | 4250 | 125 | 450 | |
| | 594*594*380 | | 5 | 3.87 | 3650 | 125 | 450 | |
| | 594*287*380 | | 3 | 2.32 | 2100 | 125 | 450 | |
| F8 | 594*594*600 | | 6 | 4.64 | 4250 | 150 | 450 | |
| | 594*594*380 | | 5 | 3.87 | 3650 | 150 | 450 | |
| | 594*287*380 | | 3 | 2.32 | 2100 | 150 | 450 | |

SYNTHETIC FIBER POCKET FILTER




Speciality :

Common Application : Coarse and subtle dust filtration in air conditioning ventilation system.

Features : Utilizing hot-melt technology, having firm structure and reducing the leaking risk; adopting high-quality electrostatic non-woven with pockets; with the advantage of diffluent and equal airflow while maintaining bag shape; reducing consumption and making full use of filter materials without the rupturing danger of old fiber glass and the condition of breeding microbe as well as the discomfort to human.

Long working life and the maximum temperature can reach 80°C~100°C

(Specificaion):

| Type | Picture | Dimensions W*H*D (mm) | Pocket | Filtering Area (m ²) | Rated Airflow (m ³ /h) | Initial Resistance (Pa) | Recommended Resistance (Pa) |
|------|---|-----------------------------|--------|--|---|-------------------------------|-----------------------------------|
| 65 |  | 594*594*600 | 6 | 4.64 | 3250 | 70 | 350 |
| | | 594*594*380 | 5 | 3.87 | 2600 | 70 | 350 |
| | | 594*287*380 | 3 | 2.32 | 1650 | 70 | 350 |
| 85 |  | 594*594*600 | 6 | 4.64 | 3150 | 95 | 350 |
| | | 594*594*380 | 5 | 3.87 | 2550 | 95 | 350 |
| | | 594*287*380 | 3 | 2.32 | 1560 | 95 | 350 |
| 95 |  | 594*594*600 | 6 | 4.64 | 2800 | 120 | 400 |
| | | 594*594*380 | 5 | 3.87 | 2350 | 120 | 400 |
| | | 594*287*380 | 3 | 2.32 | 1420 | 120 | 400 |

SEPARATOR MEDIUM FILTER

Speciality :

Common Application : Filtering 0.3 microns or less suspended particles in the air, it is widely used in the end filtration of the civil or industrial cleaner places requiring a higher degree of cleanliness, such as electronics, precision machinery, pharmaceuticals, hospitals, food etc.

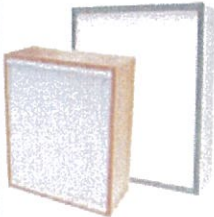
Features : Adopting the superfine fiberglass filter paper or PP high efficiency filter paper as the media, separated by folded glue paperboard, aluminum foil, sealed by the new polyurethane sealant.

Separator : Aluminum foil, glue paperboard

Frame : Laminated wood, galvanized steel sheet, aluminum alloy plate

Temperature resistance : 80°C / 110°C / 230°C

(Specificaion):

| Type | Picture | Dimensions W*H*D (mm) | Filtering Area (m ²) | Rated Airflow (m ³ /h) | Initial Resistance (Pa) | Final Resistance (Pa) | Recommended Resistance (Pa) |
|--------|---|-----------------------------|--|---|-------------------------------|-----------------------------|-----------------------------------|
| BNK-MY |  | 305*610*150 | 4.1 | 425 | 235 | 1300 | 250-500 |
| | | 610*610*150 | 8.8 | 850 | 235 | 1300 | 500-1000 |
| | | 320*320*220 | 5.3 | 425 | 235 | 2000 | 300-425 |
| | | 484*484*220 | 11.7 | 1000 | 230 | 2000 | 600-1000 |
| | | 630*630*220 | 15.6 | 1500 | 220 | 1800 | 1000-1500 |
| | | 945*630*220 | 24.0 | 2250 | 215 | 1800 | 1500-2250 |
| | | 1260*630*220 | 32.4 | 3000 | 215 | 1800 | 2000-3000 |
| | | 610*610*292 | 17.6 | 1700 | 245 | 2200 | 1000-1900 |
| | | 1220*610*292 | 33.6 | 3400 | 240 | 2200 | 2000-3800 |

MINI-PLEAT HEPA FILTER

Speciality :

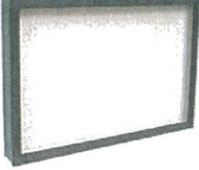
Common Application : Filtering 0.3 microns or less suspended particles in the air, it is widely used in the terminal filtration of the civil or industrial cleaner places requiring a higher degree of cleanliness such as electronics, precision machinery, pharmaceuticals, hospitals, food etc.

Features : Adopting the superfine fiberglass filter paper as the media, separated by hot melt adhesive and fiberglass thread, sealed by the new polyurethane sealant.

Frame : Aluminum, Galvanized sheet

Temperature resistance : 80°C / 110°C / 230°C

(Specification):

| Type | Picture | Dimensions W*H*D (mm) | Filtering Area (m ²) | Resistance at the speed of 0.45m/s | | | Recommended Resistance (Pa) |
|--------|--|-----------------------------|--|---------------------------------------|-----|-----|-----------------------------------|
| | | | | H13 | H14 | H15 | |
| BNK-HW |  | 610*610*50 | 7.0 | 145 | 160 | 180 | 600-1000 |
| | | 305*305*70 | 2.5 | 120 | 135 | 160 | 100-250 |
| | | 305*610*70 | 5.0 | 120 | 135 | 160 | 300-500 |
| | | 610*610*70 | 10.2 | 120 | 135 | 160 | 600-1000 |
| | | 915*610*70 | 15.4 | 120 | 135 | 160 | 900-1500 |
| | | 305*610*90 | 6.5 | 85 | 100 | 120 | 300-500 |
| | | 610*610*90 | 13.1 | 85 | 100 | 120 | 600-1000 |
| | | 915*610*90 | 19.7 | 85 | 100 | 120 | 900-1500 |
| | | 1220*610*90 | 26.5 | 85 | 100 | 120 | 1200-2000 |

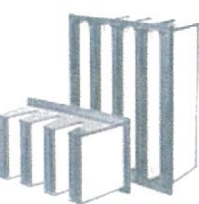
V-BANK MINI-PLEAT MEDIUM HEPA FILTER

Speciality :

Common Application : It can be used as high efficiency filtration system.

Features : It is constructed to V-type by multiple mini-pleat media, installed in galvanized box or ABS plastic box. Compared with the common filters, it ideally enlarges the filter area, ensuring low media damage and low media damage and low energy consumption to save cost in the present insrallation system.

(Specification):

| Type | Picture | Dimensions W*H*D (mm) | Filtering Area (m ²) | Structure | Initial resistance & airflow (Pa&m ³ /h) | | |
|-------------|---|-----------------------------|--|--------------------|--|----------|----------|
| | | | | | F8 | H10 | H13 |
| BNK-HV |  | 287*592*292 | 8.4 | Flanged Type 4V | 68&1200 | 135&1200 | 180&1200 |
| | | | | | 90&1600 | 180&1600 | 240&1600 |
| | | | | | 68&2400 | 135&2400 | 180&2400 |
| | | | | | 90&3200 | 180&3200 | 240&3200 |
| | | 305*610*292 | 13.5 | Box Type 5V | 68&1350 | 135&1350 | 180&1350 |
| | | | | | 90&1800 | 180&1800 | 240&1800 |
| | | | | | 68&2700 | 135&2700 | 180&2700 |
| | | | | | 90&3600 | 180&3600 | 240&3600 |
| 610*610*292 | 27 | | | | | | |
| | | | | | | | |

FILTER BAG

Speciality :

High Strength Low Shrinkage

The pores are not expanded even under pressure of 5kg/cm² or more in case of exhausting, so that the pressure difference is low and the lifetime is long so that the dust can not penetrate into the expanded pores.

High dust collection efficiency

And is formed as a microporous layer and has excellent dust collecting efficiency with respect to fine dust.

Excellent draining performance

The microporous layer is processed to make the surface uniform, and the primary filtration layer is formed thin, so that it has excellent draining and low differential pressure.

Gives functionality that meets the conditions of use

It selects the optimum filter material according to the condition of installed dust collector, prolongs filter life and maximizes efficiency.

(Standard Specification) :

| No. | Description | Picture | Material | Remark |
|-----|--------------|--|--|-----------------|
| 1 | FILTER BAG |  | PET, PP, NOMEX, NMO GLASS FIBER, P84, TEFLON, RYTON, ACRYLIC, ANTI-STATIC TERYLENE, ARAMID, PPS, PTFE, BULKY YARN GLASS FIBER | 350~750g |
| 2 | FILTER CLOTH | | | Free size |
| 3 | BOTTOM COVER | | | Water repellent |
| 4 | STIFFENER | | | Oiling |
| 5 | SNAP RING | | Normal festival coating Flame Retardant | |
| | | | SK5 or SUS | 0.4t * 25L |

LIQUID BAG FILTER


Speciality :

Filtration bag filter for fluid is made of PET, PP, NMO (NYLON) and it is easier to manage by reducing work time and replacement time than general cartridge filter.

Used in painting, paint, chemical, oil, automobile, food and various water treatment industries.

Liquid filter bag is mainly used for the Liquid filtration of metal surface processing industry of auto painting.

(Standard Specification) :

| No. | Type | Picture | Material | Remark |
|-----|----------------------------------|---|--|---------|
| 1 | SNAP RING SENTINAL PLASTIC |  | PET, PP, NMO(NYLON) 1,5,10,25,50,100,150,200, 250,400 | 180*800 |
| | | | | 180*430 |
| | | | | 100*230 |
| | | | | 100*380 |

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