



Solutions for all environments



提高能效 降低成本

进气过滤 INTAKE AIR FILTERS



**JIANGSU
RENHE ENVIRONMENTAL
EQUIPMENTS CO.,LTD.**
江苏人和环保设备有限公司

地址：江苏省江阴市顾山北国解放工业园兴园路31号
邮编：214414
技术咨询：0510-86351180/86951118
销售热线：0510-86357203/86950900/86951203
传真：0510-86351997
邮件：rh@rhfilter.com

Add: No. 31xingyuan Road,Beiguo Jiefang Industry Park,Jiangyin City
P.C: 214 414
Info :86-510-86951028
Fax :86-510-86351997
E-mail: oversea@rhfilter.com

www.rhfilter.com

JIANGSU RENHE ENVIRONMENTAL
EQUIPMENTS CO.,LTD.
江苏人和环保设备有限公司

ABOUT US

关于我们

江苏人和由江苏人和环保设备生产基地（江阴）、江苏人和节能装备技术基地（张家港）组成。公司以改善环境，创造更加洁净的生活空间为经营宗旨，以低碳减排，节能降耗为己任，为企业提供智能一体化的综合服务。

公司旨在打造环保产业链，形成以环保新材料、核心过滤元件、进气过滤、除尘回收四大板块产品生产为主线，打通前端和后端，延伸上下游产业链，构建综合性环保企业平台。公司产品广泛应用于光电、锂电、石化、钢铁、电力、造船、航空、建材、食品、医药、化工、玻璃、汽车、机车、电子、机械制造、家用电器等行业。我们拥有优质的材料、优秀的团队、广阔的市场应用，产品行销全国各地，出口60多个国家和地区，已成为空气滤筒过滤及除尘行业的国内龙头企业之一。

公司成立至今一直保持着快速增长势头，公司产品被认定为江苏省高新产品、无锡市知名商标，并获得CE认证，公司获得江苏省高新技术企业、江苏省民营企业、专精特新“小巨人”企业、江阴市重点骨干企业、三星企业，科技人才和品牌建设先进企业等荣誉。

公司自成立以来，一直以“科技创新引领未来，打造自主诚信品牌”作为公司的管理理念，在产品的每个环节上精益求精，注重产品研发和质量的提升，把更加优质的产品提供给客户。为此，企业建立了无锡市高效节能除尘过滤工程技术中心，聘请行业专家为技术顾问，开展各项研究开发活动。企业始终从源头材料上抓起，整合资源，与名校、研究所和国际优质材料商通力合作，优化在应用领域方面的使用，对新兴市场产品的前沿开发运用，不断增强产品的技术和科技含量；其次成功实现了对大型燃机入口过滤的优化、改造，并承担国家重点改造项目，为多家大型国企燃机发电机组运行降本节支；此外，在对有毒、有害、易燃、易爆粉尘行业的治理过程中，人和采用高端热覆、纳米、阻燃、防静电滤材、优化过滤元件等来解决新能源行业硅、锂、铝、镁、锌等特殊粉体的治理。

Jiangsu Renhe is composed of two production bases, one is in Jiangyin city, which is Jiangsu Renhe Environmental Equipments Co., Ltd., the other is in Zhangjiagang city, which is Jiangsu Renhe Hi-tech Co., Ltd.

Company Tenet: Improve environment, build up cleaner living environment.

Company Mission: Lowern dust outlet emission and carbon emission, and save energy consumption, offer intelligent integrate service for the customers.

Jiangsu Renhe aims to build an ecological chain of environmental protection industry, so as to form four mian production lines of environment friendly new material, core filter elements, air intake filtration, dust collection, and offer integrate products and service to the customers. Products of Jiangsu Renhe are widely applied in the industry of Photoelectric, lithium, petrochemical, iron and steel, electric power, shipbuilding, aviation, building materials, food, medicine, chemical, glass, automobile, locomotive, electronics, machinery manufacturing, household appliances and other industries. Renhe advantage: High-end, reliable quality filter media, know-how team, rich product application experience. And products have been supplying to home and abroad, exporting to more than 60 countries. Jiangsu Renhe is one of China air intake filter and dust collection leading companies.

Set up in 2004, Jiangsu Renhe has been keep growing. Main products are regarded as "Jiangsu Province Hi-tech Products" "Wuxi City Famous Trademark" "CE Approved Products", and Jiangsu Renhe is awarded many famous ruputation due to excellent and reliable performance.

Jiangsu Renhe has been focus on products quality control, R&D, to offer better quality, and more suitable products to the customers. Therefore, Jiangsu Renhe builds up Wuxi City Hi-tech Filtration Engineering and Technology Center, recruits experts as consults, to develop research and development activity. Based on Jiangsu Renhe platform, starts from raw material, Jiangsu Renhe has been integrating resources, cooperating with universities, institutes, and filter media manufacturers, to retrofit products, and retrofit products application. Furthermore, Jiangsu Renhe has been developing products for emerging markets, to enhance Jiangsu Renhe's products technology and science value. Also Jiangsu Renhe undertakes large gas turbine filter houses retrofit projects, national key renovation projects, and the retrofit projects have helped many companies save energy consumption. Jiangsu Renhe has rich experience on the dust solution for toxic, harmful, flammable, explosive dust, too, and applies high-end thermal PTFE Membrane, Nanoweb, Flame Retardant, Antistatic media, retrofitted filter elements to deal with silicon, lithium, lead, aluminum, magnesium, zinc etc. special dust in new energy industry.



品质保证 QUALITY GUARANTEE



高品质产品/按时发货系统 HIGH QUALITY PRODUCTS DELIVERY ON TIME



• **MATERIA SOURCE**
材料来源
全球采购
购买前对供应商和材料进行认证
材料到达后质量检测
Global source
Inspected the vendors and material before doing purchase work
Quality inspect after the arrival of the material

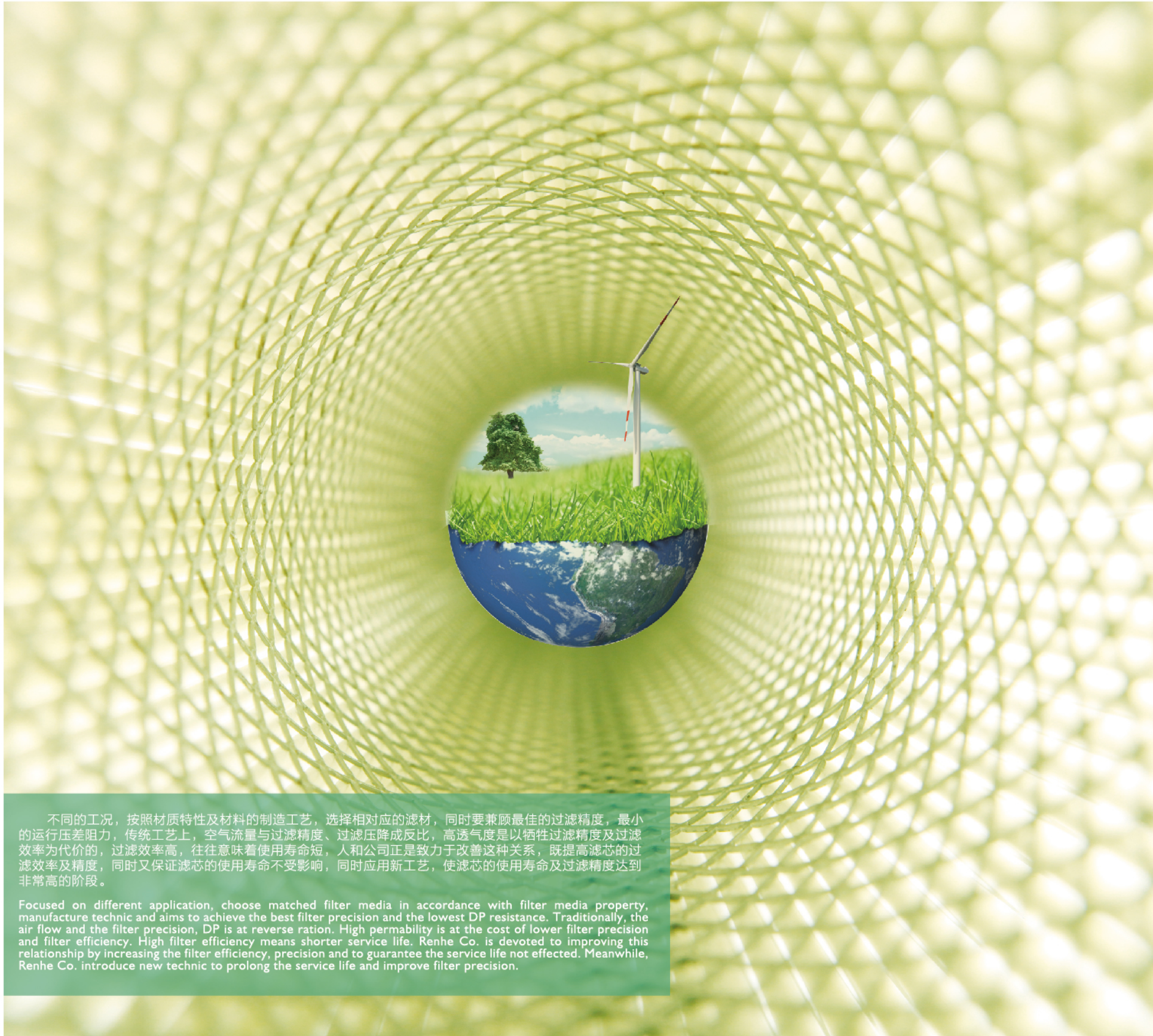
• **CUSTOMER SATISFACTION**
客户满意
认真负责的售后服务
Responsible after-sales service

• **R&D DEPARTMENT**
研发部
高效的研发部
高性能产品
High efficient R&D Department
High performance products

• **DELIVERP ON TIME**
按时发货
我们决定达到100%及时发货率。
Our goal is to achieve 100% on-time delivery

• **MANUFACTURING**
生产
室内生产滤芯
专业的生产人员
Indoor manufacture
Professional workers

• **QUALITY 质量**
滤芯最后检测
我们的产品通过EN779、AFTL、上海同济大学测试
Final Inspection
The products have been tested by AFTL, Shanghai Tongji University, and manufactured in accordance with EN779 standard.



不同的工况，按照材质特性及材料的制造工艺，选择相对应的滤材，同时要兼顾最佳的过滤精度，最小的运行压差阻力，传统工艺上，空气流量与过滤精度、过滤压降成反比，高透气度是以牺牲过滤精度及过滤效率为代价的，过滤效率高，往往意味着使用寿命短，人和公司正是致力于改善这种关系，既提高滤芯的过滤效率及精度，同时又保证滤芯的使用寿命不受影响，同时应用新工艺，使滤芯的使用寿命及过滤精度达到非常高的阶段。

Focused on different application, choose matched filter media in accordance with filter media property, manufacture technic and aims to achieve the best filter precision and the lowest DP resistance. Traditionally, the air flow and the filter precision, DP is at reverse ration. High permability is at the cost of lower filter precision and filter efficiency. High filter efficiency means shorter service life. Renhe Co. is devoted to improving this relationship by increasing the filter efficiency, precision and to guarantee the service life not effected. Meanwhile, Renhe Co. introduce new technic to prolong the service life and improve filter precision.

各种环境下的解决方案 SOLUTIONS FOR ALL ENVIRONMENTS



沙漠 DESERT
炎热、干燥、风大。
Hot and dry with heavy sand blowing.



海上 OFFSHORE
盐腐蚀性、湿度大，有时有大雾。
Salty corrosive moisture, high humidity and occasional heavy fog.



沿海地区 COASTAL
盐腐蚀性、湿度大。
Corrosive moisture and high humidity.



寒带/极地 ARCTIC
空气干燥，雪霜冻容易堵塞滤芯。
Dry air, snow and frost can block filters.



热带 TROPICAL
炎热、湿度大。
Hot and high humidity.



城市 URBAN
污染气体、粉尘多。
Polluted air and high level of particles.



沙漠、沿海地区 DESERT、COASTAL
沙漠沿海地区炎热、盐腐蚀、风沙大、湿度大、偶尔有大雾。
Hot with corrosive moisture, heavy sand blowing, high humidity and occasional heavy fog.

静态过滤器 STATIC FILTER

在动力装置吸气负压下，RH/KL型入口过滤器吸入周围的环境空气，当空气穿过一级、二级、三级（如需要四级）滤芯时，气流中一部分颗粒粗大的尘粒在重力和惯性力的作用下，被一级、二级滤芯拦截，粒度细、密度小的尘粒通过布朗扩散和纤维拦截等综合效应，被三级、四级滤芯拦截在滤材表面，净化后的气体进入净气室内，然后由出风管送出至动力装置。

Under the condition of the power set intakes negative pressure,RH/KL Model Filter intakes ambient air. When the air goes through first stage,second stage,third stage (Fourth stage, if required) filter elements, some bigger dust particles in the air will be hindered by first ,second stage filter elements for the sake of gravity and density, smaller low particles will be hold on the third,fourth stage filter elements surface .The filtered air access to clean room,then sent to the power set through exhaust duct.



RH/KL系列空气过滤器特点 RH / KL SERIES AIR FILTER FEATURES

模块设计，采用先进的框式空气过滤结构，标准模块，更换方便，整个系统密闭设计，特制的前置过滤网多级过滤，过滤性能稳定，过滤效率高。应用工况广泛，适用性强不含有动力机构，工作性能稳定。

Module design,the use of advanced air filter structure,standard modul,makes the replacement convenient,The whole system is tight seal.Special prefilter multiple filter panel stage makes the filter performance stable,filter efficiency high,Application is wide,and strong suitability while without power structure .

过滤效率的选择 CHOICE OF FILTER EFFICIENCY

- 一级先进的预过滤;
- 二级 (M5-M6);
- 三级 (F9-H10);
- 四级 (H11-H12);
- 处理风量: 100m³/min-10000m³/min可选;
- 不同过滤元件的配置,适用于各种工况,潮湿、含盐工况特别适用。

- First stage Advanced Prefilter;
- Second stage(M5-m6);
- Third stage(F9-H10);
- Fourth stage(H11-H12);
- Air Flow :100m³/min-10000m³/min;
- Different filter elements configuration can be applied for different working environment,especially for humid,salty environment.

动态过滤器 PULSE FILTER

在动力装置吸气负压下，RH型动态过滤器吸入周围的环境空气，当空气穿过高效滤筒时，气流中一部分颗粒粗大的尘粒在重力和惯性力的作用下，沉降到过滤器的底部，粒度细、密度小的尘粒通过布朗扩散和纤维拦截等综合效应，使粉尘沉积在滤筒的滤料表面，净化后的气体进入净气室内，然后由出风管送出至动力装置。在这个过程中，设置高压气体对滤筒进行在线脉冲反吹，清除滤筒表面粉尘，延长滤筒使用寿命！

Under the condition of the power set intakes negative pressure,RH Muodule pulse Filter intakes ambient air. When the air goes through filter elements,some bigger dust particles in the air will be hindered by first ,second stage filter elements for the sake of gravity and density smaller low particles will be hold on the third,fourth stage filter elements surface .The filtered air access to clean room,then sent to the power set through exhaust duct.During this process,set the compressed air to do pulse work on filter cartridge to clean the dust on the filter so that extend their service life.



性能特点 FEATURES

- 设计了前置过滤网，防止柳絮、树叶及废纸吸入，在特殊工况（如湿度大、粉尘浓度大、黄梅时期等），在过滤器入口设置初中效过滤棉，过滤大部分粉尘，减轻滤筒负担，延长使用寿命。
- 电脑控制的机电一体化产品，安装简单，只需配管、通电、通气既可工作。
- 在线反吹清灰，滤筒使用寿命长。
- 阻力低，初始压差≤150Pa。
- 占地面积小：产品为积木式结构，大型机可采用多层叠放。
- 维护方便，可在线不停机更换滤筒。

- Prefilter to prevent leaf.paper. bird to get in. For some special application(high humid,heavy dust concentration condition also add primary/middle efficient filter cotton to hold big dust particle and to protect filter cartridge so that to prolong their service life.
- Computer control system,convenient in installation,only need to offer duct.electricity.
- Pluse anti-blowing cleaning to extend filter cartridge service life.
- Low resistance,initial dp≤150Pa.
- Small space occupy.
- Convenient in maintenance the replacement work can be done during operation.

过滤效率的选择 CHOICE OF FILTER EFFICIENCY

- M5-F9多种过滤级别可选;
- 处理风量: 100m³/min---10000m³/min可选;
- 不同过滤元件的配置,适用于各种工况,特别适用于粉尘浓度大等恶劣工况。

- Filter class:M5 to F9 can be selected;
- Air Flow :100m³/min-10000m³/min;
- Different filter elements configuration can be used for various working environment especially for heavy dust concentration application.

动静结合式过滤器 STATIC+PULSE FILTER

在一些转速更快、对过滤效率要求更高的行业，由于单级的动态过滤，过滤精度不够，同时如果单级过滤泄漏，对整个系统造成非常大的影响，在动态过滤后，增加—H11以上的安全过滤器。
模块设计、更换方便。
整个可系统密闭设计，特制的前置过滤网。
二级或三级过滤，过滤性能更可靠。
积木式结构，可采用多层叠放。
性能优势结合，适用于多种工况。

In some industry that has requirement of faster roll speed, higher filter efficiency, the single pulse filter cannot satisfy filter percision. Meanwhile, if leak happens on single filter, serious effect will be caused on the whole system. Then add above H11 HEPA filter stage behind pulse filter stage. Module design convenient in replacemet.



过滤效率的选择 CHOICE OF FILTER EFFICIENCY

- F9+H11+H13多级过滤，不同级别组合。
- 处理风量：400m³/min---10000m³/min可选。
- 不同过滤元件的配置，适用于各种工况；如极重度污染、盐碱含量较高、含油污等成分较大、过滤精度要求较高的行业。

- Multiple filter class: F9+H11+H13, etc.
- Air flow: 400m³/min-10000m³/min
- Different filter elements configuration is applied for various working environment, such as extreme polluted, high salt, oil contamination and higher filtration precision industry.

过滤元件1-方框 FILTER ELEMENTS I - PANEL FILTER



粗效滤芯 PREFILTER

- 可重复利用的金属铝框；
- 进口的聚酯合成纤维滤料或金属纤维，初阻力低，可多次清洗再利用；
- 蓬松的纤维结构，保证了较高的积尘率和更大的容尘量。
- Reusable aluminum frame;
- Imported polyester or metal fiber, low initial resistance, and is washable;
- Loose fiber structure to ensure more dust content and capability.



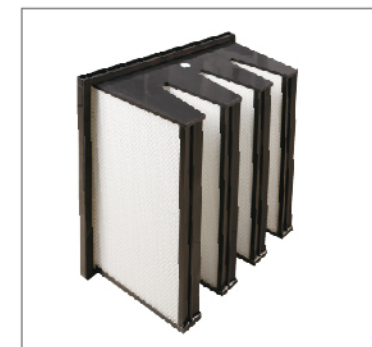
袋式中效过滤芯 BAG FILTER

- 消除静电处理的熔喷超细化学纤维复合滤料或玻纤滤料；
- 滤材具有梯度过滤，使用过程中过滤效率不衰减，精度可靠；
- 每片滤袋均附有内衬条，可有效保持袋形，避免通风状况下滤袋过度张开而产生过滤“死区”，结构合理，充分利用有效过滤面积；
- 风阻力低，使用寿命长。
- Eliminate the superfine chemical fiber or glass fiber caused by antistatic treatment;
- Filter media is level filtration, the filter efficiency will be maintained and the filter precision is reliable;
- Each bag gets hold frame to keep the bag from outshaped. Also the reasonable structure makes the best use of the filter area;
- Low filter resistance, longer service life.



高效框式滤芯 HEPA

- 金属框架，强度高，适合于风量波动大和间歇运行工况；
- 抗水型超细玻璃纤维滤材，适合高湿度和大风量环境；
- 效率稳定，容尘量大，使用寿命长。
- Metal Frame, good strength, which is suitable for large air flow fluctuation and interval operation environment;
- Water proof superfine glass fiber filter media, which is suitable for high humid, and large air flow application;
- Stable filter efficiency, large dust content, longer service life.

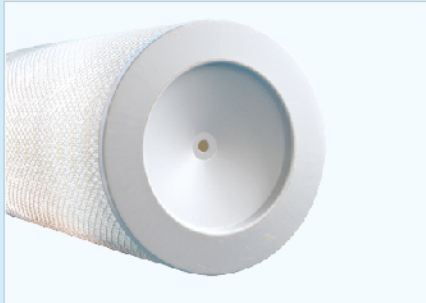


大风量高效过滤器 LARGE AIR FLOW HEPA

- 采用超细玻璃纤维，经折叠成大表面面积，再组装框架制成之滤网；
- 滤材表面面积为传统（有隔板式）之二倍，处理风量；
- 使用寿命长，可减少更换频率，降低成本。
- Superfine glass fiber, large filter area, which is about 2 times more, large air flow;
- Longer service life, which can reduce the replacement times, in turn, save cost.

过滤元件2-滤筒 FILTER ELEMENTS 2 -FILTER CARTRIDGE

小孔吊装式 HOLE LOADED



性能表述: PERFORMANCE STATEMENTS:

- 宽褶皱设计;
- 进出风面都有开孔率 > 72% 的金属网防护, 安全的支撑, 且不影响流量;
- 滤材采用精细纤维和含有树脂的纤维制成;
- 特定的加工工艺, 防止滤材过度错位;
- 特殊的滤材固定, 使滤材不与金属护网摩擦;
- 高效过滤;
- 小孔安装, 可采用吊装式或横装式, 灵活设计, 密封性能好;
- 顶部开口, 底部小孔;
- 镀锌防锈金属结构件;
- 橡胶密封圈。
- Wide pleat depth;
- Inner & Outer Liner;
- Filter Media: Superfine fiber and fiber contains resin;
- Special manufacture technical to prevent filter media from extremely move;
- Special filter media fix to keep filter media and metal liner from crossing each other;
- High filter efficiency;
- Bolt installation can be top loaded, horizontal loaded, flexible design, good seal performance;
- Top open, bottom close with hole;
- Galvanized anti-corrosion metal construction;
- Rubber gasket.



三爪锁扣 TWIST-LOCK

性能表述: PERFORMANCE STATEMENTS

- 宽褶皱设计;
- 进出风面都有开孔率 > 72% 的金属网防护, 安全的支撑, 且不影响流量;
- 滤材采用精细纤维和含有树脂的纤维制成;
- 特定的加工工艺, 防止滤材过度错位;
- 特殊的滤材固定, 使滤材不与金属护网摩擦;
- 高效过滤;
- 旋转锁扣安装, 滤筒拆换方便;
- 锁扣设计, 密封性能好;
- 顶部开口, 底部封底, 带减缩安装孔;
- 镀锌防锈金属结构件/特制的不锈钢金属结构件;
- 橡胶密封。
- Wide pleat depth;
- Inner & Outer Liner;
- Filter Media: Superfine fiber and fiber contains resin;
- Special manufacture technical to prevent filter media from extremely move;
- Special filter media fix to keep filter media and metal liner from crossing each other;
- High filter efficiency;
- Twist-lock installation method
- Good sealness performance
- Top open/Bottom close with hole
- Galvanized anti-corrosion metal construction/Stainless steel metal construction
- Rubber gasket



卡盘式 SQUARE CAP

性能表述: PERFORMANCE STATEMENTS

- 宽褶皱设计;
- 进出风面都有开孔率 > 72% 的金属网防护, 安全的支撑, 且不影响流量;
- 滤材采用精细纤维和含有树脂的纤维制成;
- 特定的加工工艺, 防止滤材过度错位;
- 特殊的滤材固定, 使滤材不与金属护网摩擦;
- 高效过滤;
- 顶部开口, 底部封底;
- 卡盘式设计, 方便安装;
- 滤筒竖装, 清灰效果好;
- 镀锌防锈金属结构/特制的不锈钢金属结构件;
- 橡胶密封。
- Wide pleat depth;
- Inner & Outer Liner;
- Filter Media: Superfine fiber and fiber contains resin;
- Special manufacture technical to prevent filter media from extremely move;
- Special filter media fix to keep filter media and metal liner from crossing each other;
- High filter efficiency;
- Top open / Bottom Close;
- Square cap design makes installation very convenient;
- Vertical loaded filter cartridge makes the dust cleaning efficiency good;
- Galvanized anti-corrosion metal construction / Stainless steel configuration;
- Rubber gasket .



圆锥/圆柱配合使用型 CONICAL & CYLINDRICAL FILTER CARTRIDGES

性能表述: PERFORMANCE STATEMENTS

- 宽褶皱设计;
- 进出风面都有开孔率 > 72% 的金属网防护, 安全的支撑, 且不影响流量;
- 滤材采用精细纤维和含有树脂的纤维制成;
- 特定的加工工艺, 防止滤材过度错位;
- 特殊的滤材固定, 使滤材不与金属护网摩擦;
- 高效过滤;
- 锥形设计, 过滤面积大;
- 卧式安装, 维护方便;
- 顶部开口, 底部开口/底部封底, 带减缩安装孔;
- 镀锌防锈金属结构件;
- 橡胶密封。
- Wide pleat depth;
- Inner & Outer Liner;
- Filter Media: Superfine fiber and fiber contains resin;
- Special manufacture technical to prevent filter media from extremely move;
- Special filter media fix to keep filter media and metal liner from crossing each other;
- High filter efficiency;
- Conical design, large air flow;
- Horizontal installation;
- Top open, bottom fully close or close with hole;
- Galvanized anti-corrosion metal construction;
- Rubber gasket .

