





#### EFU 超薄风机过滤单元机组 EFU Equipment Fan Filter Unit

控制模式: 群组/单台控制

电源模式:交流AC/变频直流EC 安装方式:水平/垂直 ス & パコ: パーパー 単 循体可选材质: 不锈钢/镀铝锌钢 用途: EFU超薄型过滤单元方便灵活, 可以适用于多种净化设备

上,如:可移动洁净房、洁净工作台、洁净操作箱、洁净走廊、 洁净生产线等

Control mode: Group/Single control Power mode: AC/EC Installation way: Horizontal/Vertical Cabinet material: Stainless steel / Aluminium–zinc alloy coated

steel
Ultrathin EFU is convenient and flexible, and can be applied to a variety of purification equipment, such as: mobile clean room, clean benches, clean operation box, clean corridor, clean production line, etc.



#### 下拆式风机过滤单元 LOWER DETACHABLE FAN FILTER UNIT

风量: 600m3/h, 1100m3/h, 2200m3/h 风速: 0.45m/S±20% 洁净度: 100级 (美国联邦标准209E) HEPA效率: 99.99%@ 0.3um

壳体材质:不锈钢,覆铝锌板,钢板喷塑 电源: 220V, 50Hz

Air volume: 600m3/h, 1100m3/h, 2200m3/h Wind speed: 0.45m/S±20% Cleanliness: Class 100 (US Federal Standard 209E) HEPA efficiency: 99.99%@ 0.3µm



HBDF 除尘除雾过滤箱 HBDF Dedusting & Demist Filter Box





#### HHD 高效送风口 HHD HEPA Diffuser

过滤效率: H13~H14 (EN1822) 箱体: 喷塑冷轧钢板

相体:"则型冷轧钢板 护面网:铝制喷塑/冷轧钢板喷塑/不锈钢 用途:用于高洁净度厂房和洁净室的送风系统的终端过滤,确保气流 速度和防止涡流

Filter efficiency: H13~H14 (EN1822)

Cabinet material: Spray cold rolled steel plate
Guard mesh: Aluminum plastic—coated / Cold rolled steel
plastic—coated / Stainless steel
Apply to end filtration for air supply systems in high cleanliness
plants and clean rooms to ensure airflow speed and prevent



### HLB 层流罩-GMP

HLB Clean Laminar Booth

洁净度等级: ISO Class 5 13.15 Class o 箱体材质: 不锈钢304(LCD液晶触摸屏控制) 噪声: ≤64 db(A)

安装方式: 悬吊/支架支撑 用途: 主要用于电子、生物、医药、食品、仪器等行业的无尘无菌

操作环境,以及其他需要提供局部高洁净度工作环境

Clean level: ISO Class 5 Cabinet material: Stainless 304 with LCD touch screen control Noise: ≤64 db(A)

Installation: Suspension / Bracket support Mainly used in the dust–free aseptic operating environment of electronics, biology, medicine, food, instruments and other industries to provide a local high clean working environment

Noise: 53dB Shell material: stainless steel, aluminum zinc coated plate, steel Power supply: 220V, 50Hz

箱体材质:不锈钢板 过滤箱体可选配件:检修门、风机、差压计、变频器等

附加功能: 喷淋/外排水装置 用途: 广泛用于纺织厂进风、空调回风过滤、设备制冷用工业通 风、冶金行业烧结系统净化、空调进风系统预过滤、煤炭行业坑 道大风量通风、污水处理厂鼓风机进风过滤、高速公路设备机房 或涵洞通风、发电厂燃气轮机进风系统预过滤、海岛机房通风过 滤系统、粉尘车间空气净化等。

Cabinet material: Stainless steel plate Filter box components: Access door, fan, pressure gauge,

Additional function: Spray washer / External drainage device Nidely used in textile mill entering the wind, air conditioning return air filter, industrial ventilation for equipment refrigeration, metallurgical industry sintering system purification, air conditioning air intake system prefilter, coal industry tunnel high air volume ventilation, sewage treatment plant blower air filter, highway equipment room or culvert ventilation, power plant gas turbine inlet system prefilter, ventilation filter system of machine room on island, dust filter of workshop, etc.



#### FFU 风机过滤单元 FFU Fan Filter Unit

控制模式: 群组/单台控制 电源模式:交流AC 安装方式:水平/垂直 箱体可选材质、不锈钢/镀铝锌钢 用途:FFU系统方便灵活,可以适用于任何结构和各等级 的洁净室。还可用在净化设备上,如:可移动洁净房、洁净工作台、洁净走廊等。

Control mode: Group/Single control Power mode: AC

Installation way: Horizontal/Vertical Cabinet material: Stainless steel / Aluminium-zinc alloy

coated steel
FFU system is convenient and flexible, and can be applied to clean rooms of any structure and grade. It can also be used in purification equipment such as mobile clean rooms clean benches, clean corridors, etc



#### HFB 全不锈钢组合式过滤箱 HFB Whole Stainless Steel Combined Type Filter Box

箱体材质:不锈钢(304/316L)

箱体材质: 小锈钢(304/310L) 枪修门: 快开式高容封度 用途: 广泛用于机械、家用电器、电子、化工化纤、纺织、卷烟 印刷、医药、每品、广播电视、科技馆、宾馆、体育馆、展览馆等 需要净化空气的工业与民用建筑场所。适用于粉尘处理、松生车间 空气净化、废气排放处理、化工气体净化、海上盐雾空气净化、大 型计算机房及电器设备控制室空气净化



#### BACH 活性炭过滤箱 BACH Activated Carbon Filter Box

过滤箱体可选配件:检修门、风机、差压计、变频器等 用途:广泛用于电子原件生产、蓄电池生产、酸洗作业、实验室 排风、冶金、化工、医药、涂装、食品、酿造等废气处理

Cabinet material: Color—coated steel insulationn sandwich board / Stainless steel plate Filter box components: Access door, fan, pressure gauge, frequency converter. converter Midely used in electronic original parts production, storage battery production, pickling operations, laboratory exhaust, metallurgy, shemical, pharmaceutical, painting, food, brewing and other waste ras treatment.

# **%** 400-021-3388







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## 洁净设备系列-B **CLEAN EQUIPMENT SERIES-B**

### BETTER AIR BETTER LIFE



上海禾益净化设备制造有限公司 SHANGHAI HEFIL PURIFYING EQUIPMENT MANUFACTURING CO.,LTD. **末益(浙江)环境科技有限公司** HEFIL-TECH(ZHEJIANG) ENVIRONMENTAL CO., LTD.

FFU 家用净化器

医用级HEPA:class 10

Frame:aluminum alloy

Power:80-120W Noise:≤52 dh(A)

closed indoor space

Energy efficiency level:class 1

Medical grade HEPA:class 10

空气流量:低档, 中档, 高档

电机类型:AC国产电机/FBM讲口电机

田涂·家庭室内, 商业空间, 办公室, 会议室,

餐厅, 博物馆展厅等相对密闭的室内空间

Air flow:low,medium and high grade

Motor type:AC domestic motor/EBM imported motor

Apply to home interior, commercial space, office, conference room, restaurant, museum showroom relatively

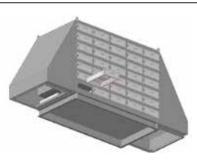
框架:铝型材

能效等级:1级

功率:80-120W

噪音:≤52db(A)

FFU Household Air Purifier

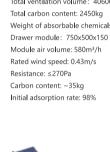


#### HADR 抽屉式废气过滤箱 HADR drawer type exhaust gas filter box

型목: HADR-40000 材质: 304 模块数: 70 总通风量: 40600m3/h 总含炭量: 2450kg 可吸化学物重量: 600-800kg 抽屉模块: 750x500x150 模块风量: 580m³/h 额定风速: 0.43m/s 阻力: ≤270Pa 含炭量: ~35kg

Model: HADR-40000 Material: 304 Number of modules: 70 Total ventilation volume: 40600m3/h Total carbon content: 2450kg Weight of absorbable chemicals: 600-800kg

Resistance: ≤270Pa 初始吸附率: 98%





HEFILSFF-X斜插式滤筒除尘器 HEFILSFF-X tilt-insert filter cartridge dust collector

净化效率高:对于亚微米粒子高达99.99%的过滤效率 占地面积小: 采用新设计 缩小了除尘器的体积和占地面积 运行费用低:运行阻力低,能耗与运行成本极低 设计科学: 采用逆流式设计原理, 避免了粉尘二次污染滤材 操作简单、便捷: 采用全自动压缩空气脉冲清灰方式, 寿命更长 灵活性大: 可根据客户要求设计为防爆型或非防爆型 High purification efficiency: up to 99.99% filtration efficiency

for submicron particles Small footprint: new design reduces the size and footprint of

the dust collector Low operating cost: low operating resistance, very low energy consumption and operating cost

Scientific design: Adopt counter-flow design principle to avoid secondary contamination of filter material by dust Simple and convenient operation: fully automatic compressed air pulse cleaning method, longer life

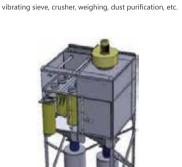
Flexible: can be designed as explosion-proof or non-explosion-proof according to customer requirements



#### 不锈钢衣柜 Stainless steel closet 类型设计: 定制

外尺寸Ly Wy H(mm)・定制 材质: 304/3161不锈钢可选 表面处理: 拉丝抛光 新台・不縁知原台式完制 储物柜/门数量:根据客户要求 承重 (ka): 根据客户要求 Type design: customized Outer Dimension Lx Wx H(mm): Customized Material: 304/316l stainless steel ontional Surface treatment: brushed and polished Color: stainless steel original color or customized Number of lockers/doors: according to customer requirements

Load capacity (kg): according to customer requirements



#### HFFILSFF-HY 焊接烟尘除尘器 HEFILSFF-HY Welding fume dust collector

采用滤筒讨滤, 讨濡面积大, 讨滤效率高 PLC执行滤筒自动反吹清灰 吸气皆可360。旋转,可空中上下、左右且自由悬停 可选配2m、3m或4m柔性吸气臂。吸气软管采用耐温、阻燃、 耐磨复合材料,使用寿命长。 不同需求,可配单皆,双皆C

配有四个脚轮(后两个脚轮配有脚刹), 移动灵活 High filtration efficiency with large filtering area by using cartridge filtration

PLC performs automatic back-blowing of the filter cartridge to clean the dust

Suction can be rotated 360 times and can hover up and down, left and right in the air Optional 2m, 3m or 4m flexible suction arms are available.

The suction hose is made of temperature resistant, flame retardant and Long service life due to wear-resistant composite material Single or double C for different needs Equipped with four casters (the last two casters are equipped

with foot brakes) for flexible movement



Small resistance loss, less than 250PA, maximum 600PA

Low power consumption, only 100-700W

Air pressure is 0.1-0.4m3/min.pressure is 0.6-0.7MPA Low weight, only 2/3 of the oil of the cloth bag

Can be customized according to customers' special requirements



#### HEFILSFF-MC 滤筒式脉冲除尘器 HEFILSFF-MC Cartridge type pulse dust collector

滤筒微米级过滤、创造洁净空间

除尘效率高: 操作维护方便 适合各种独立或多个产尘占的除尘 适用范围: 化工制药、食品加工、治金、铸造、 碳素材料、 机械加工、建材等行业、混合机、 **原料 拌料 振筛 粉碎机 称量 等除少净化** Micron-level filtration of the cartridge, creating a clean space High dust removal efficiency; easy to operate and maintain Suitable for dust removal from independent or multiple dust producing points Scope of application: chemical and pharmaceutical, food processing,

gold treatment, casting Carbon materials, mechanical processing

building materials and other industries, mixers Sagging, mixing,



#### HEFILSFF-D 系列立式滤筒除尘器 HEFILSFF-D Series Vertical Cartridge Dust Collector

净化效率高:对于亚微米粒子高达99.99%的过滤效率 占地面积小: 采用新设计 缩小了除尘器的体积和占地面积 运行费用低:运行阴力低,能耗与运行成本极低 设计科学:采用逆流式设计原理,避免了粉尘二次污染滤材 操作简单、便捷: 采用全自动压缩空气脉冲清灰方式, 寿命更长 灵活性大: 可根据客户要求设计为防爆型或非防爆型 High purification efficiency: up to 99.99% filtration efficiency

for submicron particles Small footprint: new design reduces the size and footprint of the dust collector Low operating cost: low operating resistance, very low energy

consumption and operating cost Scientific design: Adopt counter-flow design principle to avoid secondary contamination of filter material by dust Simple and convenient operation: fully automatic compressed

air pulse cleaning method, longer life Flexible: can be designed as explosion-proof or non-explosion-proof according to customer requirements



洁净度等级: ISO Class 5 工作台材质:优质冷轧钢板静电喷塑处理 控制系统:采用触摸式电子控制面板 气流方式:水平层流型/垂直层流型 用途: 主要用于电子、生物、医药、仪器等行业的高洁净度的操 作环境,是一种通用性较强的局部空气净化设备

Clean level: ISO Class 5 The workbench material: Electrostatically sprayed high—quality cold—rolled steel sheet Countertop: Stainless steel Countrol system: Touch electronic control panel Airflow mode: Horizontal laminar flow / Vertical laminar flow Mainly used in the high-purity operating environment electronics, biology, medicine, instruments and other industries. It is a versatile local air purification equipment





#### HBIBO 袋讲袋出安全更换讨滤箱 HBIBO BAG-in / BAG-out Filter Housing

D.O.E设备。 军事基地等

**箔休材度・不銹図 304** 箱体抗压力: ≥2500PA 过滤效率: 对0.3µm粒子滤除率≥99.97% 过滤器检漏方式: 自动扫描检漏 用途: 广泛用于化学生物防护、生物及放射防护、医院隔离房 间、制药设备、微电子环境、食品加工区域、生物研究、遗传与 生物技术实验室、工业处理排放系统、化工处理设备、动物疾病 研究实验室、放射性同位元素处理设备、核电站、战略核设施、

Cabinet material: SUS304 Capinet material; 505304 Compressive resistance of cabinet: ≥2500PA Filter efficiency: ≥99.97%@0.3µm Leak detection methods of filter: Automatic scanning for

leak detection
Apply to the protection of chemical biological, protection
of biological and radiological, isolation room in hospital,
pharmaceutical equipment, environment of microelectronic, food processing area, bioresearch, laboratory of genetics and biotechnology, industry processing emissions
system, equipment of chemical industry processing, laboratory of chemical industry, laboratory of animal diseases
research, Equipment of radioisotope, nuclear power plant,
nuclear facility, equipment of D.O.E, military Base etc.





HWS 不锈钢洗手池

304/316L不锈钢材质

水槽数量可选

感应式水龙斗

挡板可选

HWS Hand-washing sink

无边缝,易清洁表面及坚固的设计

易于清洁,满足各类使用场景

Full full welding process

Number of sinks optional

Overflow hole optional

Optional baffle

304/316L stainless steel material

采用满焊圆弧角结构,现场无需额外安装

Brushed/sandblasted, electrolytic polished finish

No edge seams, easy to clean surface and sturdy design

#### HNP NEGATIVE PRESSURE WEIGHING BOOTH HNP 负压称量罩

箱体材质: 镀铝锌板、不锈钢板、铝合金板强力风机:国产电机或进口电机 过滤材料:超细玻纤滤纸 过滤效率:H13-U17 密封胶条:双面贴密封胶条

Fan: Domestic motor or imported motor Filter material: Ultra-fine fiberglass or PTFE Filter efficiency: H13~U17 Sealing gasket: Sealing gasket in double air supply sides Temperature: Maximum 90°C in continuous service



#### HRPB 防爆层流传递窗

HRPB Explosion-proof Jaminar flow fransfer window 箱体材质:采用不锈钢钢板,表面进行抛光处理

控制系统:采用电子联锁装置两门互锁 内壁设计: 内壁采用圆弧结构, 无死角 玻璃视窗:双层玻璃,表面平整,不易积尘,易清洁

密闭方式: 点胶发泡-体成型密封条, 有效提升密闭效果 维护方式: 过滤器可单独从箱体进行拆卸和安装, 便于维护和更换 Box material: stainless steel plate, surface polishing treatment

Control system: electronic interlocking device is used to interlock the two doors Inner wall design: the inner wall adopts rounded structure, no dead angle

Glass window: double glass, smooth surface, not easy to accumulate dust, easy to clean Sealing method: the sealing strip is made of foam, which can

effectively improve the sealing effect Maintenance method: the filter can be disassembled and installed from the box alone, easy to maintain and replace



#### HBO 洁净工作棚 **HBO Clean Booth**

洁净度等级: ISO Class 5 / ISO Class 4 / ISO Class 3 箱体材质:优质冷轧钢板静电喷塑处理/全不锈钢软帘:普通PVC/防静电PVC 用途: 特别适用于车间内局部净化级别要求高的区域, 如流水线作业区域、高精度产品组装区

Clean level: ISO Class 5 / ISO Class 4 / ISO Class 3 high-quality cold-rolled steel sheet / All stainless

Soft curtain: Ordinary PVC / Anti-static PVC It is especially suitable for areas with high requirements for local purification in the workshop such as assembly line operation areas, high precision product assembly area



#### HVHP 过氧化氢传递窗 **HVHP Hydrogen Peroxide Transfer Window**

箱体材质:舱体外壳和框架采用304不锈钢,内腔及工作台面等采用 316L不锈钢,透明操作面板采用钢化玻璃 控制系统·PIC可编程控制系统 杀菌方式: 汽化过氧化氢灭菌系统 玻璃视窗: 黄光贴膜, 防紫外线、防静电

Cabinet material: cabin shell and frame using 304 stainless steel, inner cavity and work surface, etc. using 316L stainless steel, transparent operating panel using tempered glass Control system: PLC programmable control system Sterilization method: vaporized hydrogen peroxide sterilization

Glass window: yellow light film, anti-UV, anti-station

HRF 自动卷绕式过滤器

过滤效率: G3~G4(EN779)

机进风系统预过滤

HRF Automatic Roll Filter

框架: 喷塑冷轧钢板/铝合金/不锈钢

Filter efficiency: G3~G4 (EN779)

用途: 广泛用于纺织厂进风、空调回风过滤、设备制冷用工业通风、冶金

行业烧结系统净化、空调进风系统预过滤、煤炭行业坑道大风量通风、

水处理厂鼓风机进风过滤、高速公路设备机房或涵洞通风、发电厂燃气轮

Frame: Plastic—coated cold rolled steel / Aluminum alloy / Stainless steel Widely used in textile mill entering the wind, air conditioning return air filtration, industrial ventilation for equipment refrigeration, metallurgical industry, sintering system purification, prefiltration for air intake system in

air conditioning, coal industry tunnel high air volume ventilation, sewage treatment plant blower air filtration, highway equipment room or culvert ventilation, power plant gas turbine inlet system prefiltering

箱体材质:彩钢夹芯板 过滤箱体可选配件:检修门、风机、差压计、变

<sup>1</sup>泛用于机械、家用电器、电子、化工化

纺织、卷烟、印刷、医药、食品、广播电 科技馆、宾馆、体育馆、展览馆等工业与民

Filter box components: Access door, fan, pressure

projects such as machinery, household appliances,

Cabinet material: Color-coated steel insulationn

idely used in industrial and civil construction

electronics chemical fiber, textiles, cigarettes

printing,medicine, food, radio and television,

science and technology museums, hotels, gymnasium, exhibition halls, etc.

auge, frequency converter



#### HBX 过氧化氢无菌隔离器 HBX Hydrogen Peroxide Sterileisolators

箱体材质: 舱体外壳和框架采用304不锈钢, 内腔及工作台面等采用 316L不锈钢, 透明操作面板采用钢化玻璃 控制系统: 工业平板电脑+PLC控制系统 手套/袖套: PVC等软性材料 杀菌方式: 汽化过氧化氢灭菌系统 玻璃视窗: 黄光贴膜, 防紫外线、防静电

Cabinet material: cabin shell and frame using 304 stainless steel, inner cavity and work surface, etc. using 316L stainless steel, transparent operating panel using tempered glass Control system: industrial tablet PC + PLC control system Glove / sleeve: PVC and other soft materials Sterilization method: vaporized hydrogen peroxide sterilization

Glass window: yellow light film, anti-UV, anti-static



#### HAS 风淋室 HAS Air Shower

洁净度等级: ISO Class 5 / ISO Class 6 箱体材质: 优质冷轧钢板静电喷塑处理、不锈钢底板/全不锈钢 喷嘴风速: ≥25m/s

用途: HAS系列风淋室是洁净厂房和装配式洁净小室的配套设备; 用于吹除进入净化厂房的人员和携带物品表面附着的尘埃,同时风 淋室也起到气闸的作用,防止未经净化的空气进入洁净区域;是进 行人身净化和防止室外空气污染洁净区的设备。

Cleanliness: ISO Class 5 / ISO Class 6 Cabinet material: Electrostatically sprayed high-quality cold-rolled steel sheet with stainless steel base plate / All stainless steel Nozzle wind speed: ≥25m/s

HAS series air shower room is an auxiliary equipment for the clean workshop and the assembled clean room; it is used to blow away the dust attached to the surface of people and articles brought into the purification plant. The air shower also as an airlock to prevent unpurified air from entering clean areas, it is a device for personal purification and prevention of outdoor air pollution in the clean area



HEFILMSF-H 脉冲自洁式过滤器 HEFILMSF-H Pulse Self-Cleaning Filter

三种自洁类型: 1、时间2、固定3、手动 简楚地方使用同样高效 阻力损失小,低于250PA,最大为600PA 占地面积小 整体安装方便 安装便利,外管可连接,不影响安装占地 低耗电,仅100-700W 空压呈为0.1-0.4m3/min 压力为0.6-0.7MPA 低重最,仅盛2/3布袋的油 组件可长期使用,正常环境下,每2年更换一次

应客户的特别需求, 可以非标定做

Three types of self-cleaning: 1, time 2, fixed 3, manual The same high efficiency for simple place use

Small footprint, easy overall installation Convenient installation, external pipe can be connected, does not affect the installation area

Components can be used for a long time, under normal environment, replace every 2 years



#### HSP 移动式自净器 HSP Moveable Air Self-Purifier

洁净度等级: ISO Class 5 箱体材质: 优质冷轧钢板静电喷塑处理/全不锈钢 过滤系统:超薄型无隔板高效过滤器 用途:提供局部洁净工作环境,具有无需安装、移动方便 ,适用于小范围中低洁净度要求的环境,尤其适用 于经常变换工作位置的工艺需要

Clean level: ISO Class 5
Cabinet material: Electrostatically sprayed high—quality cold—rolled steel sheet / All stainless steel Filter Syetem: Mini—pleat HEPA filter Provides a local clean working environment, with the advantages of no need to install, easy to move, etc., suitable for a small range of low cleanliness requirements, especially suitable for process needs that often change the working position



