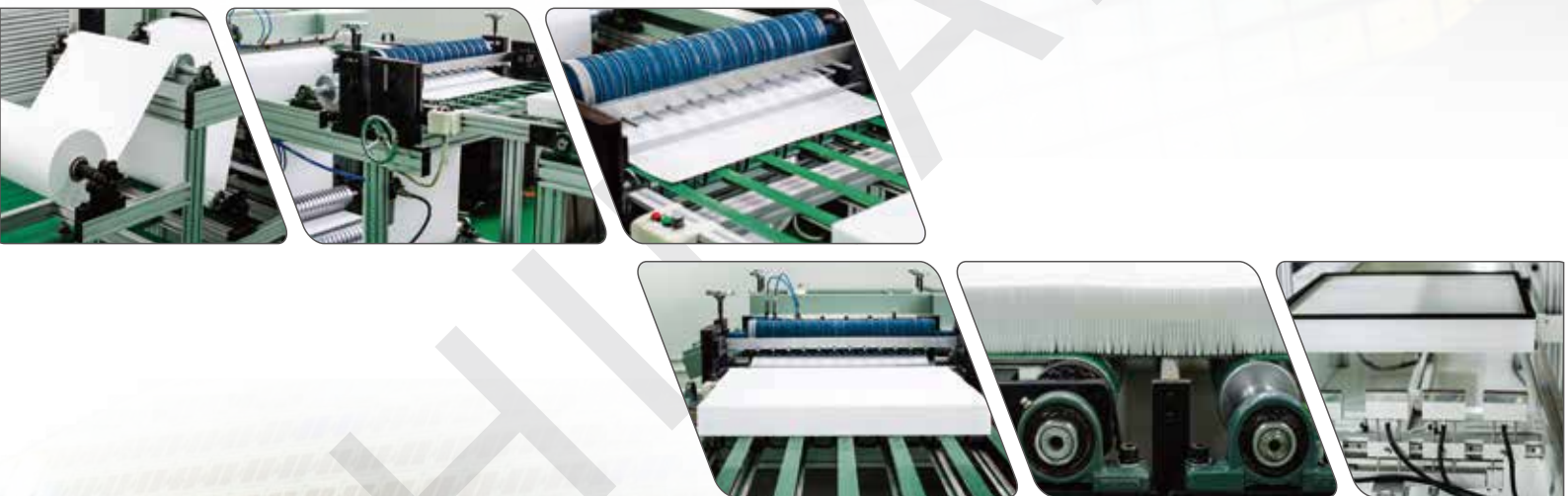


产品选型手册



洁斐然空气过滤系统

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Synthetic Fibre Rolls , Class G2 to G4 化纤卷料



Application: As a pre-filter in air conditioning, fresh air and recycle air
应用：广泛应用于通风系统的新风口以及回风口的预过滤

Specification 性能参数

Media: Polyester fibre

滤材：聚酯纤维

Recommended final pressure drop: 250Pa

建议终阻力：250Pa

Temperature: 100°C maximum in continuous service

连续稳定运行温度：不高于100°C

Advantages 优势

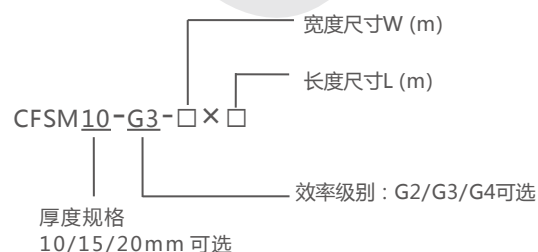
- New super fine polyester fibre
全新超细聚酯纤维
- The density of the fibre raises from the up side to the down side, which make the deep hold happen.
从迎风面到出风面的纤维结构是由疏至密的，从而实现深层过滤
- Fibre containing flame resistant composition.
纤维含阻燃成分
- Hot melt processing on the surface at the down side , non fibre release.
出风面烫光处理，可有效防止纤维脱落

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Model	Dimensions (Rolls) W x L (m)	Thickness T (mm)	Filter classification EN779 : 2012	Pressure drop (Pa)				Dust holding capacity (g/m ²)
				@1m/s	@1.5m/s	@2m/s	@2.5m/s	
CFSM10	2.0x20	10	G2	10	15	50	100	420
CFSM15	2.0x20	15	G3	15	20	65	135	520
CFSM20	2.0x20	20	G4	20	25	80	150	620

Other sizes available on request
其他尺寸可定制并提供切片服务

Model named rule 选型，型号命名规则



Paint Booth Filter , Class M5 to M6 喷漆室顶棉



Application: As fine filter for customized ventilation system or equipment Particullaly suitable for final filtration of spraybooth, paint shop
应用: 适用于某些定制通风系统及设备的末端过滤, 特别适合喷漆系统、喷漆车间的精细过滤

Specification 性能参数

Media: Polyester fibre
滤材: 聚酯纤维

Recommended final pressure drop: 450Pa
建议终阻力: 450Pa

Temperature: 100°C maximum in continuous service
连续稳定运行温度: 不高于100°C

Flammability: F1 self extinguishing (DIN53438)
防火等级: F1 自熄 (DIN53438)

Advantages 优势

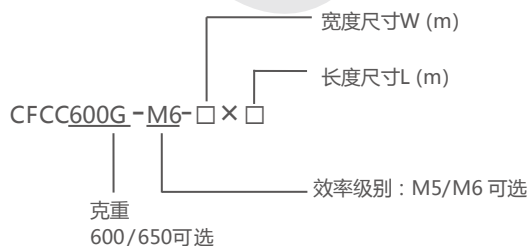
- Built up by high-quality original polyester fibre
采用全新的高品质聚酯纤维
- Progressively built up thermal bonded fibre,from the upstream to the downstream, changed from sparse to compact.So as to get full deep particle collection and low pressure drop
从迎风面到出风面的纤维结构是由疏至密的,从而实现深层过滤及获得低阻力
- Treated with special adhesive at 3D processing,ensures that each fiber covered with glue,prevent dust loss due to vibration
3D立体渗胶处理,确保每根纤维表面都覆盖有黏胶,避免在遭受震动的时候灰尘脱落
- Downstream support with " # " mesh,which can effectively prevent fibre off
出风面覆“井”字格网,可有效防止纤维脱落
- Compact of stable fibre structure,enhances laminar air flow (within ±5%)
均匀稳定的纤维结构,保证气流均匀性在±5%之内

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Model	Dimensions(Rolls) W × L(m)	Thickness T(mm)	Filter classification EN779 : 2012	Pressure drop (Pa)		Dust holding capacity (g/m ²)
				@0.25m/s	@0.5m/s	
CFCC600G	2.0×20	20	M5	25	55	480
CFCC650G	2.0×20	20	M6	35	80	550

Other sizes available on request
其他尺寸可定制并提供切片服务

Model named rule 选型, 型号命名规则



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Glass Fibre Media Rolls , Class G2 to G4 漆雾、油雾过滤卷料



Application: As a pre filter for paint/oil mist filtration in exhaust system, such as spraybooth,high humidity air filtration system

应用: 主要应用于富含油雾和漆雾的排风系统以及湿度较高的新风系统预过滤

Advantages 优势

- Continuous filament glass fibre, resin bonded with each other, the structure is uniform, elastic. Excellent performance for liquid pollution filtration in air
滤材采用玻纤长丝粘接, 疏密有致, 结构富有弹性, 对空气中的液态污染物有良好的过滤效果
- From the upstream to the downstream, the fibre density changed from loose to compact, so as to get the full depth particle collection
从迎风面到出风面的纤维结构是由疏至密的, 从而实现深层过滤
- High temperature resistant (up to 150°C)
可耐温至150°C
- Humidity : 100% RH
耐湿性 : 100% RH

Specification 性能参数

Media: Glass fibre.

滤材: 玻璃纤维

Recommended final pressure drop: 150Pa

建议终阻力: 150Pa

Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力-对应关系表

Model	Dimensions (Rolls) W x L (m)	Thickness T (mm)	Filter classification EN779 : 2012	Pressure drop (Pa)		
				@1.5m/s	@2m/s	@2.5m/s
CFGM30	2.0x20	30	G2	20	40	70
CFGM50	2.0x20	50	G3	30	55	85
CFGM100	2.0x20	100	G4	40	70	100

Other sizes available on request
其他尺寸可定制并提供切片服务

Model named rule 选型, 型号命名规则



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Panel Pre-Filter , Class G3 to G4 初效平板式预过滤器



Application: As a pre filter in air-condition system, fan coil filter
应用: 通风系统的预过滤, 风机及冷/热盘管的保护过滤器

Advantages 优势

- Metal mesh support at downstream, with strengthening cross together
出风面采用金属护网, 并做“十”字加强筋保护
- "V" shape of stainless steel wire designed at the upstream, user can replace the material very easy, the frame can be reused
迎风面用“V”型不锈钢丝网卡住, 方便更换滤料, 外框可循环利用
- Filter media and frame bonded by adhesive, can ensure no bypass or leakage even under large air flow
滤料与边框采用粘合剂黏粘, 可保证在大风量下也不会侧漏
- Hasp available, if needed by installation type
侧边可选配金属卡条, 供侧拉式安装使用

Specification 性能参数

Type: Pre-filter

类型: 预过滤器

Media: Polyester fibre

滤材: 聚酯纤维

Frame: Galvanized steel/Aluminum/ABS

外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 250Pa

建议终阻力: 250Pa

Temperature: 100°C maximum in continuous service

连续稳定运行温度: 不高于100°C

Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力 - 对应关系表

Thickness		Pressure drop (Pa) @2.5m/s	
(Inches)	(mm)	G3	G4
1/2	15	65	70
1	20	75	85
1	25	90	95

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H)		Air Flow (m³/h) @2.5m/s
(Inches)	(mm)	
24x24	592x592	3400
24x12	592x287	1700
24x20	592x490	2800
20x20	490x490	2300

Model named rule

选型, 型号命名规则

外框材质: GZ镀锌钢板/AL型材铝合金/ABS工程塑料 可选
效率级别: G3/G4可选
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 15/20/25mm可选

CFP-GZ-G4-□×□×15-01

迎风面up side

1:有密封垫gasket

0:无密封垫none

出风面down side

1:有密封垫gasket

0:无密封垫none

Note: Pressure drop +/-15%

Odd sizes available

注: 阻力 +/-15%

可定制任意非标尺寸

Pleated Pre-Filter with Media Holding Frames , Class G3 to M6 带金属内支架的打褶预过滤器



Application: As a pre filter in air-condition system
应用: 通风系统的预过滤

Specification 性能参数

Type: Pre-filter
类型: 预过滤器

Media: Polyester fibre
滤材: 聚酯纤维

Frame: Galvanized steel/Aluminum/Stainless steel
外框材质: 镀锌钢板/铝合金/不锈钢

Recommended final pressure drop: 250Pa
建议终阻力: 250Pa

Temperature: 100°C maximum in continuous service
连续稳定运行温度: 不高于100°C

Advantages 优势

- 7 pleats/feet,40% higher than normal product
7褶/英尺,比常规产品高40%
- With holding frame ,very strong structure
带支撑骨架,结构稳固
- Customer can replace the material very easy by themselves,
the holder and frame can be recycled
用户可自行更换滤材,支架及框架可循环使用
- Washable,Can be reused when necessary
必要时可通过水洗来循环使用

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Thickness		Pressure drop (Pa) @2.5m/s			
(Inches)	(mm)	G3	G4	M5	M6
2	46	70	80	100	120
4	96	60	70	90	110

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (W x H) (Inches)		(mm)	Air Flow (m ³ /h) @2.5m/s
24×24	592×592	3400	
24×12	592×287	1700	
24×20	592×490	2800	
20×20	490×490	2300	

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

外框材质: GZ镀锌钢板/AL型材铝合金/SS不锈钢 可选
效率级别: G3/G4/M5/M6可选
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 46/96mm可选

CFMF -GZ-G4-□×□×46-01

迎风面up side

1:有密封垫gasket

0:无密封垫none

出风面down side

1:有密封垫gasket

0:无密封垫none

Pleated Pre-Filter with Metal Mesh and Metal Frame , Class G3 to M6 带金属护网支撑的金属外框多褶皱式预过滤器



Application: As a pre filter in air-condition system
应用: 通风系统的预过滤

Specification 性能参数

Type: Pre-filter
类型: 预过滤器

Media: Polyester fibre
滤材: 聚酯纤维

Frame: Galvanized steel/Aluminum/ABS
外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 250Pa
建议终阻力: 250Pa

Temperature: 100°C maximum in continuous service
连续稳定运行温度: 不高于100°C

Advantages 优势

- 10 pleats/feet, 25% higher than normal product
10褶/英尺, 比常规产品高25%
- Filter media and frame using adhesive bonding, strong structure
滤料与边框采用粘合剂黏粘, 结构坚固
- Filter media can be replaced, frame can be recycled
滤材可更换, 框架可回收回工厂循环利用
- Filter media and metal mesh tight adhesion, enhance the strength of the filter material, effective weakened the shaking of it, reduce the secondary pollution
滤料和金属网紧密粘合, 增强了滤料褶皱层的强度, 有效减弱了滤料褶皱层的抖动, 从而减少了二次污染

Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力-对应关系表

Thickness		Pressure drop (Pa) @2.5m/s			
(Inches)	(mm)	G3	G4	M5	M6
2	46	65	75	120	140
4	96	60	70	100	120

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (H x W) (Inches)		(mm)	Air Flow (m³/h) @2.5m/s
24x24	592x592	3400	
24x12	592x287	1700	
24x20	592x490	2800	
20x20	490x490	2300	

Note: Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

外框材质: GZ镀锌钢板/AL型材铝合金/ABS工程塑料 可选
效率级别: G3/G4/M5/M6可选
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 46/96mm可选

CFMP-GZ-G4-□×□×46-01

迎风面up side

1:有密封垫gasket

0:无密封垫none

出风面down side

1:有密封垫gasket

0:无密封垫none

Pleated Pre-Filter with Paper Frame , Class G3 to G4 纸框折褶式初效预过滤器



Application: As a pre filter in air-condition system
应用: 通风系统的预过滤

Advantages 优势

- 15 pleats/feet, 50% higher than normal product
15褶/英尺, 比常规产品高50%
- Mixture of cotton and synthetic fibre, ensure the stability of efficiency and dust holding capacity
超细棉纤化纤混纺, 保证稳定的效率和容尘能力
- Rigid Water resistant cardboard frame, which is from USA
美国进口的高强度防水牛卡纸外框
- Fibre containing flame resistant component
纤维含阻燃成分
- Fully supported media bonded onto a wire support grid, get high mechanical strength
滤料出风面覆全金属网, 支撑起很足够高的整体机械强度
- Unique tapered radial Pleat design, get the low pressure drop
特别的辐射状V型滤折设计降低了阻力

Specification 性能参数

Type: High performance disposable pleated panel filter
类型: 可抛弃式高性能折褶板式过滤器

Media: Mixture of cotton and synthetic fibre
滤材: 棉纤化纤混纺材料

Frame: Rigid water resistant cardboard
外框材质: 耐高湿防水纸板外框

Recommended final pressure drop: 250Pa
建议终阻力: 250Pa

Temperature: 100°C maximum in continuous service
连续稳定运行温度: 不高于100°C

Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力-对应关系表

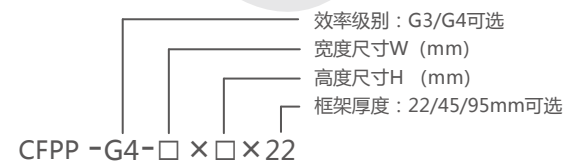
Thickness		Pressure drop (Pa) @2.5m/s	
(Inches)	(mm)	G3	G4
1	22	80	90
2	45	70	80
4	95	60	70

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (WxH)		Air Flow (m³/h) @2.5m/s
(Inches)	(mm)	
24x24	592x592	3400
24x12	592x287	1700
24x20	592x490	2800
20x20	490x490	2300

Note: Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



Synthetic Fibre Multi-Pockets Pre-Filter , Class G3 to G4 化纤袋式预过滤器



Application: As a pre filter in air-condition system

应用: 通风系统的预过滤

Advantages 优势

- High efficiency and dust holding capacity
良好的过滤效率和非常高的容尘量
- Hot melt processing, which can effectively prevent fiber loss
出风面烫光处理, 可有效防止纤维脱落
- "V" shaped filter bag, filter material is utilized 100% totally
"V"形滤袋, 滤料有效利用率达100%
- All edges have seal processing
所有有泄露风险的边角都有密封处理
- The integration design of the frame increase the overall structural strength and minimize the pressure drop
一体化的外框和超宽内框设计, 增加了整体的结构强度, 同时有效降低了阻力
- The metal edge of the inside casing rolled to be smoothly shape, make the maintenance operation more safe
内框金属边内卷压平, 使更换维护操作更加安全

Specification 性能参数

Type: Multi pockets filter

类型: 多袋式过滤器

Media: Synthetic fibre

滤材: 聚酯纤维

Frame: Galvanised steel/Aluminum/ABS

外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 350Pa

建议终阻力: 350Pa

Temperature: 100°C maximum in continuous service

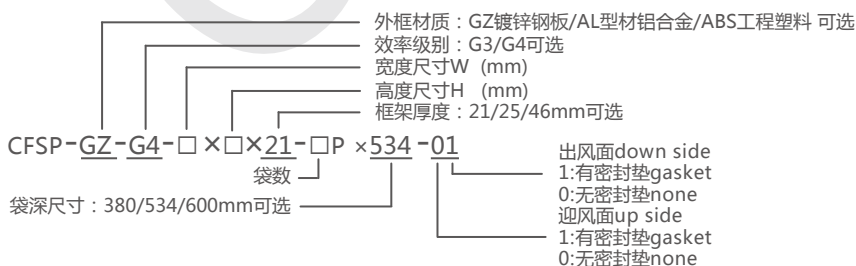
连续稳定运行温度: 不高于100°C

Model	Dimensions (mm) WxHxD	Number of pockets	Filter classification EN779 : 2012	Air Flow/Pressure drop (m ³ /h /Pa)
CFSP-G3	592×592×534	6	G3	3400/50
CFSP-G3	592×490×534	5	G3	2800/50
CFSP-G3	592×287×534	3	G3	1700/50
CFSP-G3	490×490×534	5	G3	2300/50
CFSP-G4	592×592×380	6	G4	3400/60
CFSP-G4	592×490×380	5	G4	2800/60
CFSP-G4	592×287×380	3	G4	1700/60
CFSP-G4	490×490×380	5	G4	2300/60

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule

选型, 型号命名规则



Metal/Nylon Mesh Filter , Class G2 金属网/尼龙网过滤器



Application: Suitable for the air supply system which do not need making high quality clean air

应用: 适用于对空气洁净要求不高的送风系统

Specification 性能参数

Type: Pre filter for big size particle
类型: 大颗粒过滤器

Media: Metal (Aluminum) /Nylon mesh/Stainless steel mesh
滤材: 金属 (铝) /尼龙网/不锈钢丝网

Frame: Galvanised steel/Aluminum/Stainless steel
外框材质: 镀锌钢板/铝合金/不锈钢

Recommended final pressure drop: 180Pa
建议终阻力: 180Pa

Temperature: Normal temperature
连续稳定运行温度: 常温

Advantages 优势

- Good performance at catching big size particles
对大颗粒有比较好的过滤效果
- Very strong structure and durable frame
十分坚固耐用
- Can be cleaned by water and compressed air, reuse, long service life
可被水或压缩空气清洗, 可反复使用, 寿命长
- Low pressure drop
阻力极低

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

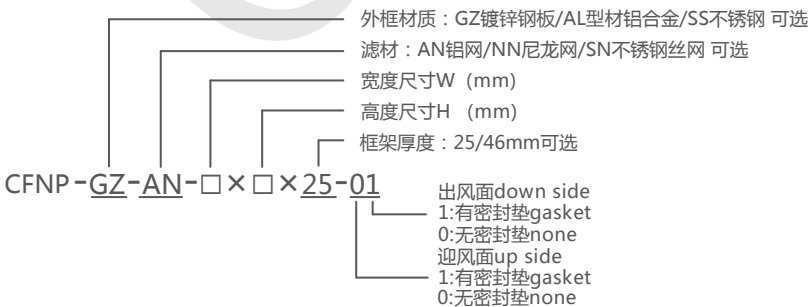
Thickness		Pressure drop (Pa) @2.5m/s
(Inches)	(mm)	
		G2
1	25	20
2	46	40

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (WxH)		Air Flow (m³/h) @2.5m/s
(Inches)	(mm)	
24×24	592×592	3400
24×12	592×287	1700
24×20	592×490	2800
20×20	490×490	2300

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



Glass Fibre Pockets Filter , Class M5 to F8 玻纤袋式过滤器



Application: The main filter of ventilation system
应用: 通风系统的主过滤器

Specification 性能参数

Type: Extended surface multi pockets filter

类型: 大面积多袋式过滤器

Media: Glass fibre

滤材: 超细玻璃纤维

Frame: Galvanised steel/Aluminum/ABS

外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 450Pa

建议终阻力: 450Pa

Temperature: 90°C maximum in continuous service

连续稳定运行温度: 不高于90°C

Advantages 优势

- Excellent ultra-fine glass fibre, ensure the stability of efficiency and longer service life
优质超细玻璃纤维, 效率稳定并获得更长的使用寿命
- "V" shaped filter bag, filter material is utilized 100% totally
"V"形滤袋, 滤料有效利用率达100%
- All edges have seal processed
所有有泄露风险的边角都有密封处理
- The metal edge of the inside frame rolled to be smoothly shape, make the maintenance operation more safely
内框金属边内卷压平, 使更换维护操作更加安全

Model	Dimensions (mm) WxHxD	Number of pockets	Filter classification EN779 : 2012	Air Flow/Pressure drop (m ³ /h /Pa)
CFGP-M5	592×592×534	10	M5	3400/80
CFGP-M5	592×490×534	8	M5	2800/80
CFGP-M5	592×287×534	5	M5	1700/80
CFGP-M6	592×592×534	10	M6	3400/90
CFGP-M6	592×490×534	8	M6	2800/90
CFGP-M6	592×287×534	5	M6	1700/90
CFGP-F7	592×592×534	10	F7	3400/110
CFGP-F7	592×490×534	8	F7	2800/110
CFGP-F7	592×287×534	5	F7	1700/110
CFGP-F8	592×592×534	10	F8	3400/135
CFGP-F8	592×490×534	8	F8	2800/135
CFGP-F8	592×287×534	5	F8	1700/135

Model named rule 选型, 型号命名规则



Note : Pressure drop +/-15%
Odd sizes available
注 : 阻力 +/-15%
可定制任意非标尺寸

Synthetic Fibre Pockets Filter , Class M5 to F9 化纤袋式过滤器



Application: The main filter of ventilation system
应用: 通风系统的主过滤器

Specification 性能参数

Type: Multi pockets filter
类型: 多袋式过滤器

Media: Synthetic fibre
滤材: 合成纤维

Frame: Galvanised steel/Aluminum/ABS
外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 450Pa
建议终阻力: 450Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Advantages 优势

- Multilayer composite melt-blown materials
多层复合熔喷材料
- Material is 40% deeper than normal product
容尘熔喷层比常规产品加厚40%
- "V" shaped filter bag, filter material is utilized 100% totally
"V"形滤袋, 滤料有效利用率达100%
- All edges have seal processed
所有有泄露风险的边角都有密封处理
- The integration design of the inside frame increase the overall structural strength and minimize the pressure drop
一体化的外框和超宽内框设计, 增加了整体的结构强度, 同时有效降低了阻力
- The metal edge of the inside frame rolled to be smoothly shape, make the maintenance operation more safely
内框金属边内卷压平, 使更换维护操作更加安全

Model	Dimensions (mm) WxHxD	Number of pockets	Filter classification EN779 : 2012	Air Flow /Pressure drop (m³/h /Pa)
CFSP-M5	592×592×534	8	M5	3400/70
CFSP-M5	592×490×534	6	M5	2800/70
CFSP-M5	592×287×534	4	M5	1700/70
CFSP-M6	592×592×534	8	M6	3400/80
CFSP-M6	592×490×534	6	M6	2800/80
CFSP-M6	592×287×534	4	M6	1700/80
CFSP-F7	592×592×534	8	F7	3400/85
CFSP-F7	592×490×534	6	F7	2800/85
CFSP-F7	592×287×534	4	F7	1700/85
CFSP-F8	592×592×534	8	F8	3400/95
CFSP-F8	592×490×534	6	F8	2800/95
CFSP-F8	592×287×534	4	F8	1700/95
CFSP-F9	592×592×534	8	F9	3400/105
CFSP-F9	592×490×534	6	F9	2800/105
CFSP-F9	592×287×534	4	F9	1700/105

Model named rule 选型, 型号命名规则



Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Super Synthetic Fibre Pockets Filter , Class M5 to F8 超高性能化纤袋式过滤器



Application: The main filter of ventilation system
应用: 通风系统的主过滤器

Advantages 优势

- From the upstream to the downstream, the fiber density changed from loose to compact, for large dust holding capacity
材料迎风面到出风面由疏至密, 获得大的容尘能力
- PP composite membrane on the material, ensure the filtering efficiency for small size particles
材料深层复合有PP膜, 保证对小粒径颗粒的效率
- Hot melt processing, materials are strong and beautiful
出风面烫光处理, 材料坚挺美观
- "V" shaped filter bag, internal inlaid with multi "V" shape small pockets, build perfect "V" shape air channel
"V"形滤袋, 袋型内部镶嵌有多个"V"形小口袋, 塑造完美"V"形气流通
- The integration design of the frame increase the overall structural strength and minimize the pressure drop
一体化的外框和超宽内框设计, 增加了整体的结构强度, 同时有效降低了阻力
- The metal edge of the inside frame rolled to be smoothly shape, make the maintenance operation more safely
内框金属边内卷压平, 使更换维护操作更加安全
- The efficiency and dust holding capacity are comparable to glass fibre
在效率和容尘量方面可与玻纤媲美

Specification 性能参数

Type: Multi pockets filter
类型: 多袋式过滤器

Media: Ultrafine synthetic fibre
滤材: 超细加厚熔喷合成纤维

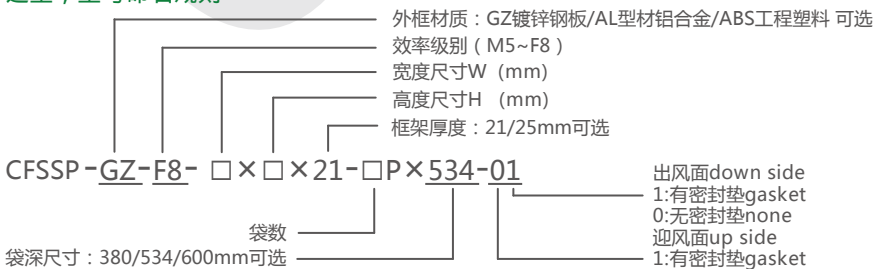
Frame: Galvanised steel/Aluminum/ABS
外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 500Pa
建议终阻力: 500Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Model	Dimensions (mm) WxHxD	Number of pockets	Filter classification EN779 : 2012	Air Flow/Pressure drop (m³/h/Pa)
CFSSP-M5	592×592×600	6	M5	3400/75
CFSSP-M5	592×490×600	5	M5	2800/75
CFSSP-M5	592×287×600	3	M5	1700/75
CFSSP-M6	592×592×600	6	M6	3400/85
CFSSP-M6	592×490×600	5	M6	2800/85
CFSSP-M6	592×287×600	3	M6	1700/85
CFSSP-F7	592×592×600	8	F7	3400/105
CFSSP-F7	592×490×600	6	F7	2800/105
CFSSP-F7	592×287×600	4	F7	1700/105
CFSSP-F8	592×592×600	8	F8	3400/125
CFSSP-F8	592×490×600	6	F8	2800/125
CFSSP-F8	592×287×600	4	F8	1700/125

Model named rule 选型, 型号命名规则



Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Compact Mini-Pleated Filter , Class F7 to F9 紧凑型无隔板过滤器



Application: For limited space of air supply system
应用: 适用于空间有限的送风系统

Specification 性能参数

Type: High performance compact panel filter
类型: 高性能无隔板过滤器
Media: Wet-laid glass fibre paper
滤材: 抗水型玻璃纤维滤纸
Frame: Aluminium/Stainless steel/Cardboard/ABS
外框材质: 铝合金/不锈钢/耐高湿防水纸/ABS
Separator: Hot-melt glue
分隔物: 热熔胶
Protective screening: High strength metal retainer with painting processed
护网: 高强度喷塑处理的金属护网
Recommended final pressure drop: 350Pa
建议终阻力: 450Pa
Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Advantages 优势

- 95 pleats/feet, 20% higher than normal product, bring lower resistance and longer life
95褶/英尺, 比常规产品增加20%的面积, 带来更低的阻力和更长的寿命
- Ultra-fine glass fibre paper, good stability of filtration efficiency
超细玻璃纤维滤纸, 带来稳定的过滤效率
- Perfect structure of "V" shape, effectively reduce the system resistance
完美的"V"形结构, 有效降低了系统阻力
- Light, compact structure
轻薄型, 结构紧凑
- Double side retainers
双面护网

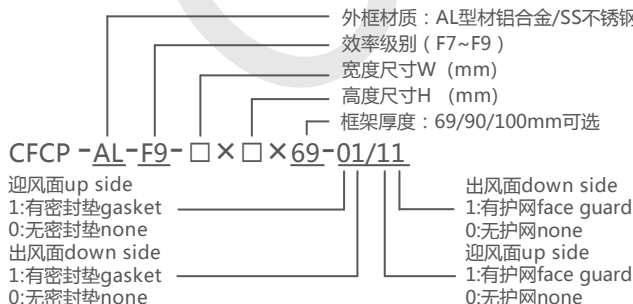
Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力-对应关系表

Thickness		Pressure drop (Pa) @2.5m/s		
(Inches)	(mm)	F7	F8	F9
2 ¹ / ₂	69	155	195	215
3 ¹ / ₂	90	135	175	195
4 ¹ / ₂	110	115	155	175

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (WxH)		Air Flow (m ³ /h) @2.5m/s
(Inches)	(mm)	
24x24	592x592	3400
24x12	592x287	1700
24x20	592x490	2800
20x20	490x490	2300

Model named rule 选型, 型号命名规则



Note: Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Classic Fashion Pleated Box Filter , Class M6 to F9 有隔板箱式过滤器



Application: For limited space of air supply system
应用: 适用于送风系统中安装空间有限的场合

Advantages 优势

- Ultra-fine glass fibre paper , ensures that filter keep its good efficiency throughout operation life
超细玻璃纤维滤纸, 优质的滤材纤维保证过滤器在其寿命周期内保持良好的过滤效率
- Pleated distance minimum can do to 3 mm (or 5 mm, 7 mm), can achieve lower resistance, longer life
褶距最低可做至3mm, 另有5mm/7mm可供选择, 可带来低阻力、长寿命
- Double side retainers, provide adequate protection for filter
双面护网, 给滤芯以充分的保护
- Mutual embedded housing ensures high strength structure
内折互嵌式箱体, 保证高强度结构
- Non flange, single flange or double flange boxes are available for frame
框架可提供箱式、单法兰、双法兰

Specification 性能参数

Type: Rigid pleated box filter
类型: 有隔板折褶箱式过滤器
Media: Wet-laid glass fibre paper
滤材: 抗水型玻璃纤维滤纸
Frame: Galvanised steel/Stainless steel
外框材质: 镀锌钢板/不锈钢
Separator: Aluminum foil
分隔物: 铝箔
Recommended final pressure drop: 500Pa
建议终阻力: 500Pa
Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

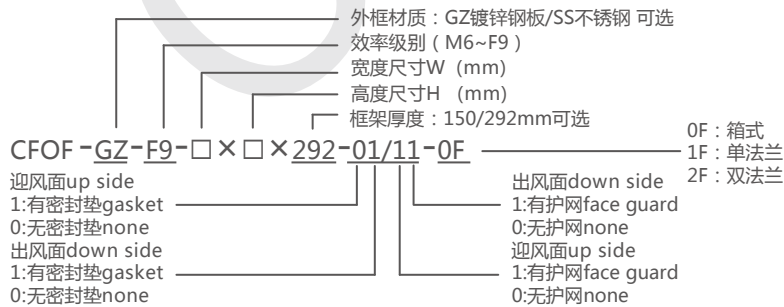
Thickness		Pressure drop (Pa) @2.5m/s			
(Inches)	(mm)	M6	F7	F8	F9
6	150	150	165	175	195
12	292	125	140	155	175

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

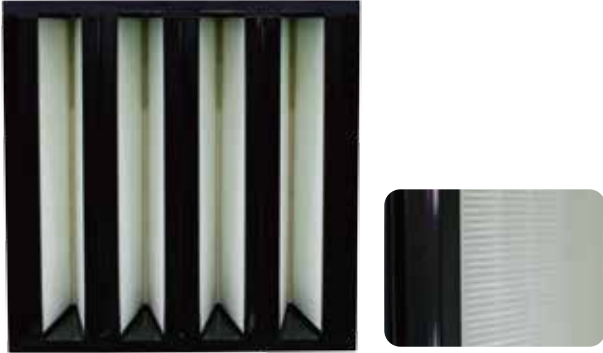
Dimensions (WxH) (Inches)		(mm)	Air Flow (m³/h) @2.5m/s
24x12	610x305	1700	
24x24	610x610	3400	
24x12	595x287	1600	
24x24	595x595	3200	

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



“W” Type Filter , Class F7 to F9 “W”型过滤器



Application: The main filter of air supply system
应用: 适用于送风系统的主过滤器

Specification 性能参数

Type: High performance "W" type filter
类型: 高性能"W"型过滤器

Media: Glass fibre paper
滤材: 玻璃纤维滤纸

Separator: Hot melt glue
分隔物: 热熔胶

Sealant: Polyurethane
密封胶: 聚氨酯

Recommended final pressure drop: 500Pa
建议终阻力: 500Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Advantages 优势

- Ultra-fine glass fibre paper , good stability of filtration efficiency
超细玻璃纤维滤纸, 带来稳定的过滤效率
- Pleat distance: 3 mm, pleat height: 27 mm, bring lower resistance and longer life
褶距3mm, 褶深27mm, 带来低阻力和长寿命
- Install handrails side with retainer, provide adequate protection for filter
安装扶手侧带护网, 充分保护滤芯
- ABS and metal frame is optional
ABS注塑成型外框和金属框架可选

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

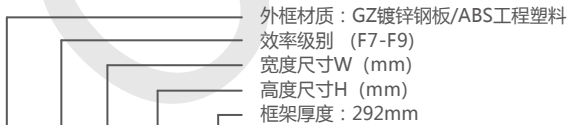
Thickness		Pressure drop (Pa) @2.5m/s		
(Inches)	(mm)	F7	F8	F9
12	292	100	120	145

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (WxH)		Air Flow (m³/h) @2.5m/s
(Inches)	(mm)	
24×24	592×592	3400
24×12	592×287	1700
24×20	592×492	2800

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



CFGW-ABS-F9-□×□×292-01

迎风面up side
1:有密封垫gasket
0:无密封垫none
出风面down side
1:有密封垫gasket
0:无密封垫none

Mini-Pleated Hepa Filter , Class E10 to U16 末端无隔板过滤器



Application: As final filter for industrial clean room,such as HEPA filter housing,FFU,laminar flow workbench,air cleaning equipment, etc

主要应用: 适用于工业洁净室的末端过滤。如: 高效送风口, FFU, 层流工作台, 机台设备等

Specification 性能参数

Type: High efficiency panel filter
类型: 高效板式过滤器

Media: Glass fibre paper
滤材: 玻璃纤维滤纸

Frame: Extruded and anodized aluminium/Stainless steel
外框材质: 阳极氧化铝合金型材/不锈钢

Separator: Hot-melt glue
分隔物: 热熔胶

Sealant : Polyurethane
密封胶: 聚氨酯

Recommended final pressure drop: 300Pa
建议终阻力: 300Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

Thickness		Pressure drop (Pa) @0.45m/s						
(Inches)	(mm)	E10	E11	E12	H13	H14	U15	U16
2 ¹ / ₂	69	90	95	100	115	130	145	160
3 ¹ / ₂	90	70	80	90	100	110	120	130
4 ¹ / ₃	110	45	50	55	60	65	70	75

Advantages 优势

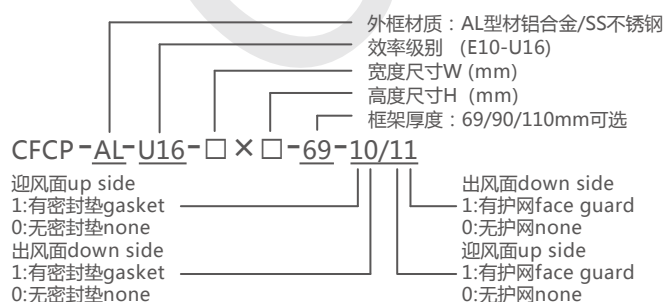
- 95 pleats/feet,20% higher than normal product,bring lower resistance and longer life
95褶/英尺,比常规产品增加20%的面积,带来更低的阻力和更长的寿命
- Ultra-fine glass fiber paper,good stability of filtration efficiency
超细玻璃纤维滤纸,带来稳定的过滤效率
- Perfect structure of "V" shape,effectively reduce the system resistance
完美的"V"形结构,有效降低了系统阻力
- Light, compact structure
轻薄型,结构紧凑
- Double side retainers
双面护网
- Individually tested according to EN 1822
依据EN1822逐台测试

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

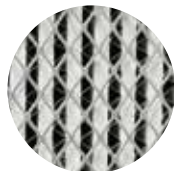
Dimensions (WxH) (Inches) (mm)		Air Flow (m ³ /h) @0.45m/s
20×20	484×484	380
24×12	610×305	300
24×24	610×610	600
25×25	630×630	643
30×24	762×610	750
36×24	915×610	900
36×36	915×915	1350
48×36	1210×610	1200
48×36	1210×915	1800
48×48	1210×1210	2400

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



Classic Fashion Pleated HEPA Box Filter , Class E11 to H14 有隔板箱式高效过滤器



Application: As final filter for industrial clean room, the part where higher wind speed is needed

应用: 适用于工业洁净室内风速要求较高的后段过滤

Specification 性能参数

Type: TRigid pleated box filter

类型: 有隔板折褶箱式过滤器

Media: Glass fibre paper

滤材: 玻璃纤维滤纸

Frame: Galvanised steel/Stainless steel

外框材质: 镀锌钢板/不锈钢

Separator: Aluminum foil/Paper foil

分隔物: 铝箔/纸箔

Recommended final pressure drop: 500Pa

建议终阻力: 500Pa

Temperature: 90°C maximum in continuous service

连续稳定运行温度: 不高于90°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Thickness (Inches) (mm)	Plait (mm)	Pressure drop (Pa) @0.8m/s				
		E11	E12	H13	H14	
6	150	5	180	205	220	235
	7	200	225	250	260	
9	3	150	165	180	195	
	5	160	185	200	210	
	7	180	200	225	235	
12	3	130	150	165	180	
	5	140	160	175	190	
	7	160	180	195	210	

Advantages 优势

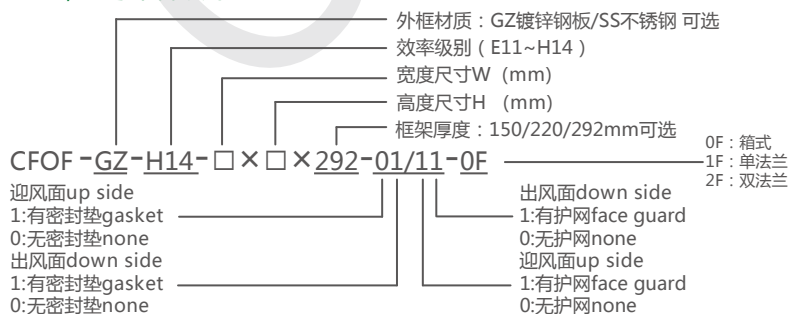
- Ultra-fine glass fibre paper , ensures that filter keep its good efficiency throughout operation life
超细玻璃纤维滤纸, 优质的滤材纤维保证过滤器在其寿命周期内维持良好的过滤效率
- Pleat distance can be to 3 mm (or 5 mm, 7 mm), achieve lower resistance, longer life
褶距最低可做至3mm, 另有5mm/7mm可供选择, 可带来低阻力、长寿命
- Double side retainers, provide adequate protection for filter
双面护网, 给滤芯以充分的保护
- Mutual embedded housing ensures high strength structure
内折互嵌式箱体, 保证高强度结构
- Non flange, single flange or double flange boxes are available for frame
框架可提供箱式、单法兰、双法兰
- Individually tested according to EN 1822
依据EN1822逐台测试

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (H x W) (Inches) (mm)	Air Flow (m³/h)		
	1.5m/s	2m/s	2.5m/s
24×12 610×305	1000	1340	1675
24×24 610×610	2000	2680	3350
24×12 595×287	920	1230	1540
24×24 595×595	1900	2535	3170

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



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“ W ” Type HEPA Filter , Class E11 to H14 “ W ” 型高效过滤器



Application: As final filter for industrial clean room and AHU
应用: 适用于工业洁净室、空调箱末级过滤

Specification 性能参数

Type: High performance "W" type filter
类型: 高性能"W"型过滤器
Media: Glass fibre paper
滤材: 玻璃纤维滤纸
Frame: ABS/Galvanised steel/Stainless steel
外框材质: ABS/镀锌钢板/不锈钢
Separator: Hot melt glue
分隔物: 热熔胶
Sealant: Polyurethane
密封胶: 聚氨酯
Recommended final pressure drop: 550Pa
建议终阻力: 550Pa
Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Advantages 优势

- Ultra-fine glass fibre paper , good stability of filtration efficiency
超细玻璃纤维滤纸, 带来稳定的过滤效率
- Pleat distance: 3 mm, pleat height: 27 mm,bring lower resistance and longer life
褶距3mm, 褶深27mm, 带来低阻力和长寿命
- Install handrails side with retainer,provide adequate protection for filter
安装扶手侧带护网, 充分保护滤芯
- ABS and metal frame is optional
ABS注塑成型外框和金属框架可选
- Individually tested according to EN 1822
依据EN1822逐台测试

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

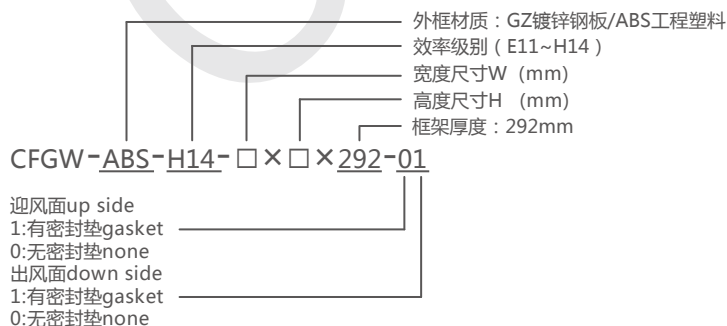
Thickness		Pressure drop (Pa) @2.5m/s			
(Inches)	(mm)	E11	E12	H13	H14
12	292	230	255	285	300

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (WxH) (Inches)		(mm)	Air Flow (m³/h) @2.5m/s
24x24	595x592		3400
24x12	595x287		1700
24x20	595x492		2800

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



SuperHelen HEPA Filter , Class E11 to H14 大风量高效过滤器



Application: For large air flow and limited space of purification system
应用: 适用于风量大而安装空间有限的净化系统

Advantages 优势

- Pleat distance: 3 mm, pleat height: 30 mm, bring lower resistance and longer life
褶距3mm, 褶高30mm, 带来低阻力和长寿命
- A integrated frame, beautiful and strong
一体成型的外框, 美观、牢固
- Especially suitable for large air flow and limited space of purification system
特别适用于风量大而安装空间有限的净化系统

Specification 性能参数

Type: HEPA filter with high airflow
类型: 大风量高效过滤器

Media: Glass fibre paper
滤材: 玻璃纤维滤纸

Frame: Galvanised steel/Stainless steel/ABS
外框材质: 镀锌钢板/不锈钢/ABS

Separator: Hot melt glue
分隔物: 热熔胶

Sealant: Polyurethane
密封胶: 聚氨酯

Recommended final pressure drop: 600Pa
建议终阻力: 600Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

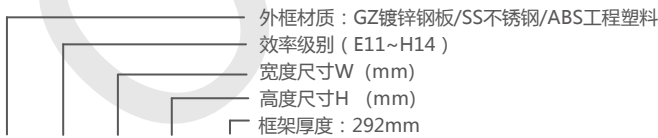
Thickness		Air speed (m/s)	Pressure drop (Pa)			
(Inches)	(mm)		E11	E12	H13	H14
12	292	2.5	240	255	270	285
		3.5	330	357	380	400

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (H x W)		Air Flow (m ³ /h)	
(Inches)	(mm)	@2.5m/s	@3.5m/s
24×12	610×305	1700	2350
24×24	610×610	3400	4700
24×12	595×287	1600	2150
24×24	595×595	3200	4300

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

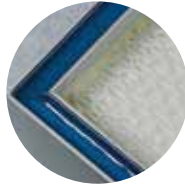
Model named rule 选型, 型号命名规则



CFSH - GZ - H14 - □ × □ × 292 - 01

迎风面up side
1:有密封垫gasket
0:无密封垫none
出风面down side
1:有密封垫gasket
0:无密封垫none

Gel Sealant Mini-Pleated HEPA/ULPA Filter , Class H13 to U16 液槽密封型无隔板末端过滤器



Application: As final filter for industrial clean room,such as HEPA filter housing,FFU,laminar flow workbench,air cleaning equipment, etc
应用: 适用于工业洁净室的末端过滤。如: 高效送风口, FFU, 层流工作台, 机台设备等

Advantages 优势

- 95 pleats/feet,20% higher than normal product,bring lower resistance and longer life
95褶/英尺, 比常规产品增加20%的面积, 带来更低的阻力和更长的寿命
- Ultra-fine glass fibre paper,good stability of filtration efficiency
超细玻璃纤维滤纸, 带来稳定的过滤效率
- Perfect structure of "V" shape,effectively reduce the system resistance
完美的"V"形结构, 有效降低了系统阻力
- Light, compact structure
轻薄型, 结构紧凑
- Double side retainers
双面护网
- High quality blue urethane gel which made in USA
采用美国进口优质蓝色果冻胶
- Individually tested according to EN 1822
依据EN1822逐台测试

Specification 性能参数

Type: High efficiency panel filter(Gel Sealant)
类型: 高效板式过滤器(液槽式)

Media: Glass fibre paper
滤材: 玻璃纤维滤纸

Frame: Extruded and anodized aluminium
外框材质: 阳极氧化铝合金型材

Separator: Hot-melt glue
分隔物: 热熔胶

Sealant: Polyurethane
密封胶: 聚氨酯

Recommended final pressure drop: 300Pa
建议终阻力: 300Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Thickness		Pressure drop (Pa) @0.45m/s			
(Inches)	(mm)	H13	H14	U15	U16
2 ² / ₃	69	105	110	120	140
3 ¹ / ₂	90	75	80	90	110
4 ¹ / ₃	110	60	65	70	85

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (WxH) (Inches)		(mm)	Air Flow (m ³ /h) @0.45m/s
20×20	484×484	380	
24×12	610×305	300	
24×24	610×610	600	
25×25	630×630	643	
30×24	762×610	750	
30×30	762×762	940	
36×24	915×610	900	
36×30	915×762	1130	
36×36	915×915	1350	
48×24	1210×610	1200	
48×30	1210×762	1500	
48×36	1210×915	1800	
48×48	1210×1210	2400	

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

效率级别 (H13-U16)
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 69/90/110mm可选

CFCL-U16-□×□×69-10/11

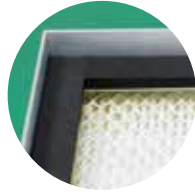
迎风面up side
1:有密封垫gasket
0:无密封垫none

出风面down side
1:有密封垫gasket
0:无密封垫none

出风面down side
1:有护网face guard
0:无护网none

迎风面up side
1:有护网face guard
0:无护网none

Knife Mini-Pleated HEPA/ULPA Filter , Class H13 to U16 刀边型无隔板末端过滤器



Application: Become final filter when cooperate with gel slots keel or FFU
应用: 和液槽龙骨或FFU搭配使用成为末端过滤

Advantages 特点

- 95 pleats/feet,20% higher than normal product,bring lower resistance and longer life
95褶/英尺,比常规产品增加20%的面积,带来更低的阻力和更长的寿命
- Ultra-fine glass fibre paper,good stability of filtration efficiency
超细玻璃纤维滤纸,带来稳定的过滤效率
- Perfect structure of "V" shape,effectively reduce the system resistance
完美的"V"形结构,有效降低了系统阻力
- Light, compact structure
轻薄型,结构紧凑
- Double side retainers
双面护网
- Individually tested according to EN 1822
依据EN1822逐台测试

Specification 性能参数

Type: High efficiency panel filter
类型: 高效板式过滤器

Media: Glass fibre paper
滤材: 玻璃纤维滤纸

Frame: Extruded and anodized aluminium(Sharp Edge)
外框材质: 阳极氧化铝合金型材(刀边形)

Separator: Hot-melt beads
分隔物: 热熔胶

Sealant: Polyurethane
密封胶: 聚氨酯

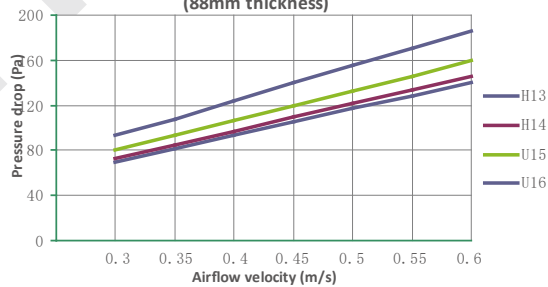
Recommended final pressure drop: 300Pa
建议终阻力: 300Pa

Temperature: 90°C maximum in continuous service
连续稳定运行温度: 不高于90°C

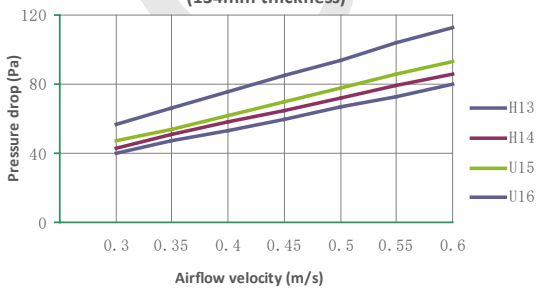
Different thickness filter in the different level of filtration efficiency, the relationship curves of initial resistance and airflow velocity.

同厚度的过滤器在不同的过滤效率级别下,初阻力与气流速度的关系曲线图。

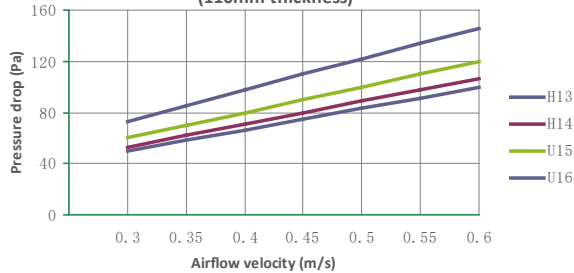
initial resistance-airflow velocity curve
(88mm thickness)



initial resistance-airflow velocity curve
(134mm thickness)



initial resistance-airflow velocity curve
(110mm thickness)



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Knife Mini-Pleated HEPA/ULPA Filter , Class H13 to U16 刀边型无隔板末端过滤器

Thickness vs Efficiency vs Pressrue drop
厚度/效率/阻力-对应关系表

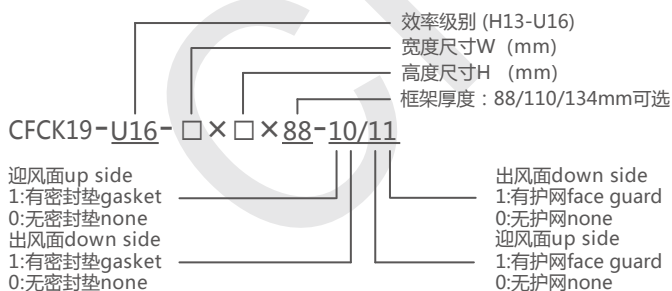
Thickness		Pressure drop (Pa) @0.45m/s			
(Inches)	(mm)	H13	H14	U15	U16
3 ¹ / ₂	88	105	110	120	140
4 ¹ / ₃	110	75	80	90	110
5 ¹ / ₃	134	60	65	70	85

Dimensions vs Air flow
宽&高尺寸/风量-对应关系表

Dimensions (WxH)		Air Flow (m³/h) @0.45m/s
(Inches)	(mm)	
20×20	484×484	380
24×12	610×305	300
24×24	610×610	600
25×25	630×630	643
30×24	762×610	750
30×30	762×762	940
36×24	915×610	900
36×30	915×762	1130
36×36	915×915	1350
48×24	1210×610	1200
48×30	1210×762	1500
48×36	1210×915	1800
48×48	1210×1210	2400

Note : Pressure drop +/-15%
Odd sizes available
注：阻力 +/-15%
可定制任意非标尺寸

Model named rule
选型，型号命名规则



Pleated Active Carbon Filter with Paper Frame , Class G4 纸框折褶板式活性炭过滤器



Application: Good performance of removing the peculiar smell and particles in air supply system, especially air circulation system. Such as office、airport where is large flow of people.

应用: 在送风系统, 特别是循环风系统里处理灰尘和异味污染效果较好, 如: 办公环境、机场等人员较多的场合

Advantages 优势

- 15 pleats/feet,50% higher than normal product
15褶/英尺, 比常规产品高50%
- Rigid Water resistant cardboard frame , which is from USA
美国进口的高强度防水牛卡纸外框
- Filter media with wire mesh,get higher mechanical strength
滤料出风面覆全金属网, 可获得足够高的整体机械强度
- Unique tapered radial Pleat design,get the lower pressure drop
特别的辐射状V型滤折设计降低了阻力
- Double-layer non-woven with active carbon inside,realize the double filtration of dust and the smell
双层无纺布内夹活性炭粉, 实现对灰尘和异味的双重过滤
- Can be used to upgrade an existing configuration at a low cost
可在低成本下直接用于升级现有的配置
- Waste filter is easy to burn, which is beneficial to environmental protection
废旧过滤器很容易焚烧处理, 有利于环保

Specification 性能参数

Type:Prefilter for gas and particles removal

类型: 气体及灰尘过滤器

Media:Cementation type synthetic fiber

滤材: 渗碳型合成纤维滤材

Frame:Rigid water resistant cardboard

外框材质: 耐高湿防水纸板外框

Recommended final pressure drop:250pa

建议终阻力: 250pa

Temperature : 40°C maximum in continuous service

连续稳定运行温度: 不高于40°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

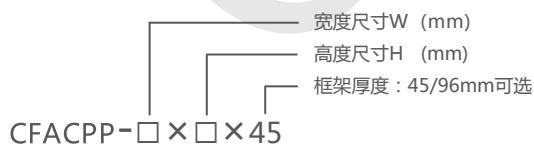
Thickness (Inches) (mm)	Pressure drop (Pa) @2.5m/s	Ozone removal efficiency
2 45	135	50%
4 96	120	70%

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H) (Inches) (mm)		Air Flow (m³/h) @2.5m/s
24×24	592×592	3400
24×12	592×287	1700
24×20	592×490	2810
20×20	490×490	2325

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



"W" Type Mini-Pleated Molecular Filter

W型密褶式分子过滤器



Specification 性能参数

Type: Type W Type Mini-pleated molecular filter
类型: W型分子过滤器

Media: Active carbon media/Ion exchange resin
滤材: 活性炭滤料/离子交换树脂

Frame: ABS/Galvanised steel/Stainless steel
外框材质: ABS/镀锌钢板/不锈钢

Separator: Hot melt glue
分隔物: 热熔胶

Sealant: Polyurethane
密封胶: 聚氨酯

Temperature: 40°C maximum in continuous service
连续稳定运行温度: 不高于40°C

Humidity: <70%RH
湿度: <70%RH

Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力-对应关系表

Thickness		Initial efficiency		Pressure drop (Pa)
(Inches)	(mm)	Type A	Type B	@2.5m/s
12	292	95%	96%	80

Application: Molecular filters for most air conditioning system, widely used in semiconductor industry, bio-pharmaceuticals, genetic engineering, precision machinery, instrumentation and museums.

应用: 净化空调系统用的化学污染物过滤器, 广泛应用于半导体工业, 生物医药, 基因工程, 精密机械, 仪器仪表和博物馆

Advantages 优势

- Double-layer non-woven with high quality media inside, which imported from Germany
德国进口的双层无纺布内夹高品质媒介
- Carbon content 250-500g/m², get high efficiency and long life
含碳量250-500g/m², 带来高效率 and 长寿命
- Large air flow capacity, can be used under the conventional air flow
允许通过风量, 可在空调箱常规风量下使用
- Flexibility to choose medium according to different pollutant
可根据不同目标处理物灵活选择媒介
- The best initial efficiency would be 99%
效率最高可达99%

Dimensions vs Air flow 宽 & 高尺寸/风量-对应关系表

Dimensions (W x H)		Air Flow (m ³ /h)
(Inches)	(mm)	@2.5m/s
24x12	592x287	1900
24x24	592x592	3700
24x22	595x495	2800

Note: Pressure drop +/-15%
注: 阻力 +/-15%

Model named rule 选型, 型号命名规则

V: Voc
A: Acid
B: Bases
媒介材质: AC活性炭/RE离子交换树脂可选
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 292mm

CFMW-V-AC-□×□×292-01

迎风面 up side
1: 有密封垫 gasket
0: 无密封垫 none
出风面 down side
1: 有密封垫 gasket
0: 无密封垫 none

Type V	Sensitive, Condensables, Organic gas, etc
Type A	H ₂ S, SO ₂ , HCL, HF, etc
Type B	NH ₃ , Amines, etc

Deep V Type Molecular Filter 深V型分子过滤器



Application: Molecular filters for most air conditioning system,widely used in semiconductor industry,bio-pharmaceuticals, genetic engineering,precision machinery,instrumentation and museums.

应用: 净化空调系统用的化学污染物过滤器, 广泛应用于半导体工业、生物医药、基因工程、精密机械、仪器仪表和博物馆。

Specification 性能参数

Type: "V" bank box type molecular filter

类型: 深 "V" 箱式分子过滤器

Media:Active carbon meida/Ion exchange resin

滤材: 活性炭滤料/离子交换树脂

Frame:Galvannised steel/Stainless steel

外框材质: 镀锌钢板/不锈钢

Sealant: Polyurethane

密封胶: 聚氨酯

Temperature: 40°C maximum in continuous service

连续稳定运行温度: 不高于40°C

Humidity: <70%RH

湿度: <70%RH

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

Thickness		Initial efficiency			Pressrue drop (Pa) @2.5m/s
(Inches)	(mm)	Type V	Type A	Type B	
12	292	99%	95%	96%	80

Advantages 优势

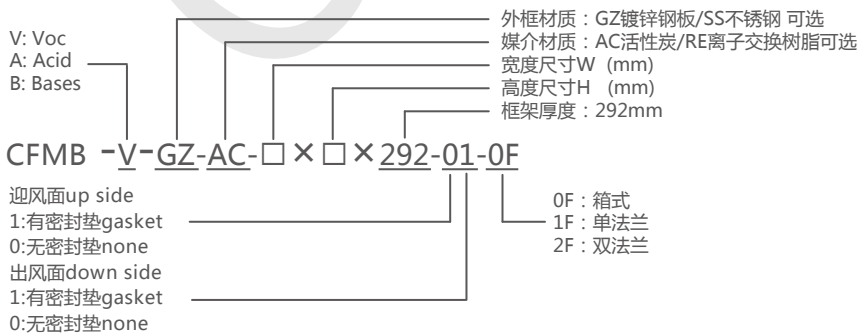
- Double-layer non-woven with high quality media inside,which imported from Germany
德国进口的双层无纺布内夹高品质媒介
- "V" bank structure,can be running under large air volume
深"V"型结构,可在高风量下使用
- Strong structure, easy to install and economical
结构坚固,安装简易,经济适用
- The best initial efficiency would be 99%
效率最高可达99%

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H) (Inches) (mm)		Air Flow (m³/h) @2.5m/s
24×12	595×287	1700
24×24	595×592	3400
24×22	595×492	2800

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



Type V	Sensitive,Condensables,Organic gas,etc
Type A	H ₂ S,SO ₂ ,HCL,HF,etc
Type B	NH ₃ ,Amines,etc

Mini-Pleated Panel Molecular Filter 密褶板式分子过滤器



Application: For clean room ceiling,FFU,mini-environment or air cleaning equipment

应用: 适用于洁净室吊顶系统、FFU、微环境或者机台设备

Specification 性能参数

Type: Mini-Pleated panel molecular filter

类型: 密褶板式分子过滤器

Media: Pleated impregnated carbon media for alkaline, acidic and VOC gas removal

滤材: 去除酸碱性气体与VOC气体浸渍型活性炭滤材

Frame: Aluminum/Galvannised steel/Stainless steel

外框材质: 铝合金/镀锌钢板/不锈钢

Separator: Hot melt glue

分隔物: 热熔胶

Sealant: Polyurethane

密封胶: 聚氨酯

Temperature: 40°C maximum in continuous service

连续稳定运行温度: 不高于40°C

Humidity: (70%RH

湿度: (70%RH

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Thickness (Inches) (mm)	Ozone removal efficiency			Pressrue drop (Pa) @0.45m/s
	Type V	Type A	Type B	
1 30	99%	95%	96%	30
2 45	99%	95%	96%	20

Advantages 优势

- Double-layer non-woven with high quality media inside,which imported from Germany
德国进口的双层无纺布内夹高品质媒介
- When the concentration of target gas is low, the filtration efficiency is very high
目标气体浓度较低时, 有非常高的过滤效率
- Flexibility to choose medium according to different pollutant
可根据目标不同处理物灵活选择媒介
- Can be set up multi-stage filtration section in the same mounting frame
可在同一安装框架内设置多级组合过滤段
- The best initial efficiency would be 99%
效率最高可达99%

Dimensions vs Air flow

宽&高尺寸/风量 - 对应关系表

Dimensions (W x H) (Inches) (mm)		Air Flow (m³/h) @0.45m/s
24x12	610x305	300
24x24	610x610	600
30x24	762x610	750
36x24	915x610	900
36x36	915x915	1350
48x24	1210x610	1200
48x36	1210x915	1800
48x48	1210x1210	2400

Note: Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

V: Voc
A: Acid
B: Bases

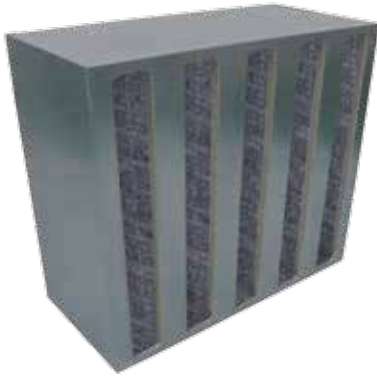
外框材质: AL铝合金/GZ镀锌钢板/SS不锈钢 可选
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 45mm

CFMCP-V-AL-□ × □ × 45-01

迎风面up side
1:有密封垫gasket
0:无密封垫none
出风面down side
1:有密封垫gasket
0:无密封垫none

Type V	Sensitive,Condensables,Organic gas,etc
Type A	H ₂ S,SO ₂ ,HCL,HF,etc
Type B	NH ₃ ,Amines,etc

SuperHelen Molecular Filter 大风量分子过滤器



Specification 性能参数

Type: Super-helen molecular filter

类型：大风量分子过滤器

Media: Pleated ion exchange media, pleated impregnated carbon media for alkaline, acidic and VOC gas removal

滤材：离子交换媒介、针对酸碱性气体与VOC气体的浸渍活性炭密褶式滤材

Frame: ABS/Galvannised steel/Stainless steel

外框材质：ABS/镀锌钢板/不锈钢

Separator : Hot melt glue

分隔物：热熔胶

Sealant : Polyurethane

密封胶：聚氨酯

Temperature : 40°C maximum in continuous service

连续稳定运行温度：不高于40°C

Humidity: (70%RH)

湿度：(70%RH)

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Thickness (Inches) (mm)	Initial efficiency			Pressrue drop (Pa) @2.5m/s @3.5m/s	
	Type V	Type A	Type B		
12 292	99%	95%	96%	80	115

Application: Molecular filters for most air conditioning system,widely used in semiconductor industry,bio-pharmaceuticals, genetic engineering,precision machinery,instrumentation and museums.

应用：净化空调系统用的化学污染物过滤器，广泛应用于半导体工业，生物医药，基因工程，精密机械，仪器仪表和博物馆。

Advantages 优势

- Double-layer non-woven with high quality media inside,which imported from Germany
德国进口的双层无纺布内夹高品质媒介
- Carbon content 250-500g/m²,get high efficiency and long life
含碳量250-500g/m²,带来高效率 and 长寿命
- Large air flow capacity,can be used under the conventional air flow
允许通过风量,可在空调箱常规风量下使用
- Flexibility to choose medium according to different pollutant
可根据不同目标处理物灵活选择媒介
- The best initial efficiency would be 99%
效率最高可达99%

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (W x H) (Inches) (mm)	Air Flow (m ³ /h)	
	@2.5m/s	@3.5m/s
24x12 610x305	1700	2350
24x24 610x610	3400	4700

Note : Pressure drop +/-15%
Odd sizes available
注：阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型，型号命名规则

V: Voc
A: Acid
B: Bases

外框材质：GZ镀锌钢板/SS不锈钢/ABS工程塑料
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度：45mm

CFSH-V-GZ-□ × □ × 292-01

迎风面up side
1:有密封垫gasket
0:无密封垫none
出风面down side
1:有密封垫gasket
0:无密封垫none

Type V	Sensitive,Condensables,Organic gas,etc
Type A	H ₂ S,SO ₂ ,HCL,HF,etc
Type B	NH ₃ ,Amines,etc

Cylinders Type Molecular Filter 筒式分子过滤器



Application: Molecular filters for most air conditioning system,widely used in semiconductor industry, bio-pharmaceuticals, genetic engineering, precision machinery, instrumentation and museums.

应用: 净化空调系统用的化学污染物过滤器, 广泛应用于半导体工业, 生物医药, 基因工程, 精密机械, 仪器仪表和博物馆。

Specification 性能参数

Type: Cartridge molecular filter
类型: 筒式分子过滤器

Media: Various filter media for acid, alkali ,VOC and mercury vapor is optional
滤材: 多种针对酸碱性、VOC和汞蒸气的过滤媒介可选

Frame: Galvannised steel/Stainless steel
外框材质: 镀锌钢板/不锈钢

Cartridge material: Galvannised steel/Stainless steel
筒体材质: 镀锌钢板/不锈钢

Temperature : 40°C maximum in continuous service
连续稳定运行温度: 不高于40°C

Humidity: <70%RH
湿度: <70%RH

Advantages 优势

- Large medium loading capacity,ensures high efficiency and long life
超大的媒介装载量, 保证高效率 and 长寿命
- Air flow through the column channel to evenly spread, long retention time, low resistance and high efficiency
气流通过柱状通道向四周均匀扩散, 滞留时间长, 阻力低, 效率高
- The cylinders can be recycled
外壳可循环使用
- Flexibility to choose medium according to different pollutant
可根据目标不同处理物灵活选择媒介
- The best initial efficiency would be 99%
效率最高可达99%
- Quick bayonet type design, installation fast and simple
快速卡口设计, 安装快捷、简单

Thickness vs Efficiency vs Pressrue drop 厚度/效率/对对应关系表

Model	Dimensions (øxL)mm	Initial efficiency				Pressrue drop (Pa) @2.5m/s
		Type V	Type A	Type B	Type M	
FMC305	145×305	99%	95%	96%	99%	160
CFMC450	145×450	99%	95%	96%	99%	140
CFMC600	145×600	99%	95%	96%	99%	125

Plate dimensions vs Air flow vs Number of cylinders 底座长&宽尺寸/风量/碳筒数量 - 对对应关系表

Dimensions (W x H x D) (Inches)	(mm)	Air Flow (m³/h) @2.5m/s	Cylinders
20×24	508×610×70	2550	12
24×24	610×610×70	3400	16

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

碳筒长度L: 305/450/600mm可选

CFMC305-V-GZ — 筒体材质: GZ镀锌钢板/SS不锈钢
 V: Voc
 A: Acid
 B: Bases
 M: Hg

Type V	Sensitive,Condensables,Organic gas,etc
Type A	H ₂ S,SO ₂ ,HCL,HF,etc
Type B	NH ₃ ,Amines,etc
Type M	Hg

Active Carbon Fibre Filter for Exhaust Air System 分子过滤器 (适用于有机气体排风)



Application: Suitable for Voc purification in the exhaust system
应用: 适用于排风系统中的Voc净化

Specification 性能参数

Type: Cartridge molecular filter
类型: 筒式分子过滤器

Media: Special active carbon fibre media
滤材: 特制的活性炭纤维布

Cartridge material: Galvannised steel/Stainless steel
筒体材质: 镀锌钢板/不锈钢

Temperature: 40°C maximum in continuous service
连续稳定运行温度: 不高于40°C

Humidity: <70%RH
湿度: <70%RH

Advantages 优势

- Good filtration efficiency for the organic gas in the exhaust system
对排风中的有机气体具备良好的过滤效率
- Can be adjusted the thickness of the filter media winding according to the emission concentration and resistance
可根据排放浓度及压力要求调整滤料缠绕的厚度
- Quick bayonet type design, installation convenient and simple
快速卡口设计, 安装快捷、简单
- Filter media renewable
滤材可再生
- The best initial efficiency would be 99%
效率最高可达98%

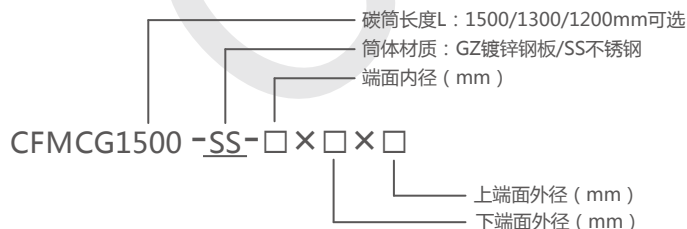
Thickness vs Efficiency vs Pressrue drop 厚度/效率 - 对应关系表

Model	Dimensions \varnothing (mm)	Initial efficiency specific surface area, m ² /g			Pressrue drop (Pa) @2.0m/s
		1500	1300	1200	
CFMCG	300	98%	95%	90%	130Pa/层

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

Type V Sensitive, Condensables, Organic gas, etc



Sandstorm Dedicated Economical Pleated Pre-Filter , Class G4 沙尘暴专用经济型密褶式预过滤器



Application: As a pre filter in air ventilation system under the sand and dust weather

应用: 沙尘气象下的新风系统预过滤

Specification 性能参数

Type: High performance disposable pleated panel filter.
类型: 可抛弃式高性能折褶板式过滤器

Media: Synthetic fibre.
滤材: 合成纤维

Frame : Rigid water resistant cardboard.
外框材质: 耐高湿防水纸板外框

Recommended final pressure drop: 250Pa.
建议终阻力: 250Pa

Temperature: 90°C maximum in continuous service.
连续稳定运行温度: 不高于90°C

Advantages 优势

- Very good removed effect for dust particles
对沙尘颗粒有非常好的过滤效果
- Economy, low running cost
经济, 使用成本低
- 10 pleats/feet, 25% higher than normal product
10褶/英尺, 比常规产品高25%
- Downstream was designed with high strength wire mesh and metal strip, increase the impact resistance ability
出风面有高强度金属网和加强拉条, 增加了耐冲击能力

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

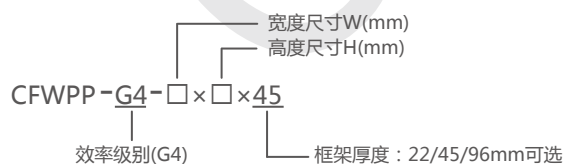
Thickness		Pressure drop (Pa) @2.5m/s
(Inches)	(mm)	G4
1	22	80
2	45	70
4	96	60

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H) (Inches)		(mm)	Air Flow(m ³ /h) @2.5m/s
24×24	592×592	3400	
24×12	592×287	1700	
24×20	592×490	2800	
20×20	490×490	2300	

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



Oil Mist Filter , Class G3 油雾/漆雾过滤器



Application: For oil mist filtration in ventilation system and exhaust system, such as the kitchen

应用: 用于通风系统和排风系统油雾的过滤, 诸如厨房间

Specification 性能参数

Type: Oil mist, paint mist liquid pollutants filter

类型: 油雾、漆雾等液态污染物过滤器

Media: Glass fibre.

滤材: 玻纤长丝

Frame: Galvanized steel/Aluminum.

外框材质: 镀锌钢板/铝合金

Recommended final pressure drop: 150Pa.

建议终阻力: 150Pa

Temperature: 150°C maximum in continuous service.

连续稳定运行温度: 不高于150°C

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

Thickness		Pressure drop (Pa) @2.5m/s
(Inches)	(mm)	G3
1	25	85
2	45	100

Advantages 优势

- Glass fiber bonding with each other, uniform and elastic structure, good efficiency for liquid pollutant.
滤材采用玻纤长丝粘接, 疏密有致, 结构富有弹性, 对液态污染物有良好的过滤效果
- From the upstream to the downstream, the fibre structure is designed from sparse to dense and achieve the deep filtration.
从迎风面到出风面的纤维结构是由疏至密的, 从而实现深层过滤
- Applicable in high humidity environment
可在高湿度环境下使用
- Ultra compact, energy saving
非常简洁, 紧凑, 节能

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (W x H) (Inches)		(mm)	Air Flow (m³/h) @2.5m/s
24x24	592x592		3400
24x12	592x287		1700
24x20	592x490		2800
20x20	490x490		2300

Note: Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则

外框材质: GZ镀锌钢板/AL铝合金
宽度尺寸W (mm)
高度尺寸H (mm)
框架厚度: 25/45mm可选

CFGMF-AL-□x□x45-01

迎风面up side
1:有密封垫gasket
0:无密封垫none
出风面down side
1:有密封垫gasket
0:无密封垫none

PM2.5 Air Filter PM2.5专用过滤器



Application: The main filter of ventilation system.

应用: 通风系统的主过滤器

Advantages 优势

- Multilayer composite melt-blown materials for PM2.5
针对PM2.5研发的多层复合熔喷材料
- Material is 40% deeper than normal product
容尘熔喷层比常规产品加厚40%
- "V" shaped filter bag, filter material is utilized 100% totally
"V"形滤袋, 滤料有效利用率达100%
- All edges have seal processed
所有有泄露风险的边角都有密封处理
- The integration design of the frame increase the overall structural strength and minimize the pressure drop
一体化的外框和超宽内框设计, 增加了整体的结构强度, 同时有效降低了阻力
- The metal edge of the inside frame rolled to be smoothly shape, make the maintenance operation more safely.
内框金属边内卷压平, 使更换维护操作更加安全
- The initial efficiency would be above 90% for PM2.5
对PM2.5的过滤效率可达90%以上

Specification 性能参数

Type: PM2.5 Air Filter.

类型: PM2.5专用过滤器

Media: Synthetic fibre.

滤材: 合成纤维

Frame: Galvanised steel/Aluminum/ABS.

外框材质: 镀锌钢板/铝合金/ABS

Recommended final pressure drop: 450Pa.

建议终阻力: 450Pa

Temperature: 90°C maximum in continuous service.

连续稳定运行温度: 不高于90°C

Model	Dimensions (mm) WxHxD	Number of pockets	Filter classification Efficiency VS 0- 2.5 μm	Air Flow/Pressure drop (m³/h/Pa)
CFSP	592×592×380	8	≥90%	3400/80
CFSP	592×490×380	6	≥90%	2800/80
CFSP	592×287×380	4	≥90%	1700/80
CFSP	592×592×534	8	≥90%	3400/70
CFSP	592×490×534	6	≥90%	2800/70
CFSP	592×287×534	4	≥90%	1700/70

Note: Pressure drop +/-15%

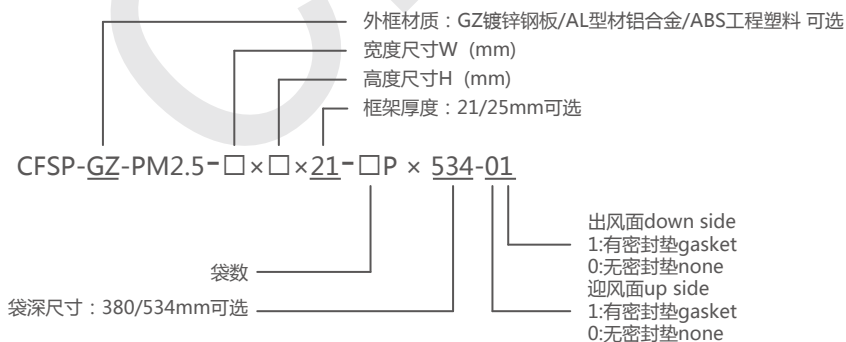
Odd sizes available

注: 阻力 +/-15%

可定制任意非标尺寸

材料颜色以实物为准

Model named rule 选型, 型号命名规则



Classic Fashion High Temperature Filter , Class F7 to H14 有隔板耐高温过滤器



Application: Protection of ultra-clean processes at high-temperatures , such as spraying oven, sterilization tunnel

应用: 适用于在高温工艺下, 提供洁净的空气保护, 例如喷涂烤箱, 灭菌隧道

Advantages 优势

- Superfine glass fibre ensures that filter maintains its efficiency throughout its life in the system
超细玻璃纤维滤纸, 保证过滤器在其寿命周期内维持良好的过滤效率
- Pleat distance minimum can be to 3 mm (or 5 mm, 7 mm), can bring lower resistance, longer life
褶距最低可做至3mm, 另有5mm, 7mm可选, 可带来低阻力、长寿命
- Double side retainers, provide adequate protection for filter
双面护网, 给滤芯以充分的保护
- Mutual embedded housing ensures high strength structure
内折互嵌式箱体, 保证高强度结构
- Non flange, single flange or double flange boxes are available
框架可提供无法兰, 单法兰, 双法兰
- High temperature resistant(up to 350°C)
允许运行的环境温度最高为350°C
- All materials are made in high temperature resistant type,excluding volatile silicon
所有主材及辅材均采用耐高温型, 不含挥发性硅

Specification 性能参数

Type: Filters for high temperature.
类型: 耐高温过滤器
Media: Glass fibre paper.
滤材: 玻璃纤维滤纸
Frame: Galvanised steel/Stainless steel.
外框材质: 镀锌钢板/不锈钢
Separator: Aluminum foil.
分隔物: 铝箔
Gasket: High temperature sealing gasket.
密封垫: 耐高温聚氨酯密封垫
Sealant: High temperature sealant.
密封胶: 耐高温密封胶
Recommended final pressure drop: 350 Pa.
建议终阻力: 350Pa

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力-对应关系表

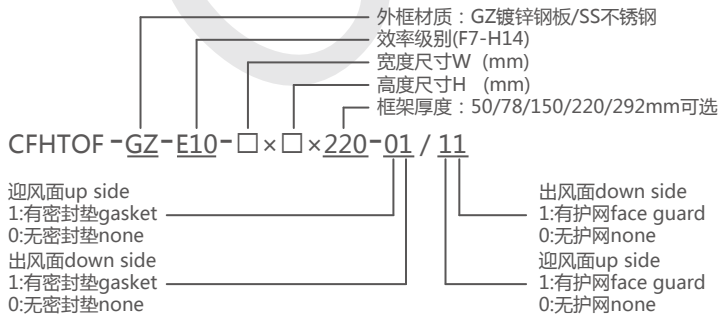
Thickness		Pressure drop (Pa)								
(Inches)	(mm)	@1m/s			@0.45m/s					
		F7	F8	F9	E10	E11	E12	H13	H14	
2	50	125	135	145	250	270	300			
3	78	110	120	130	230	250	280			
6	150	90	100	110	200	220	250	275	290	
8 ² / ₃	220	75	85	95	180	200	230	250	275	
12	292	60	70	80	160	180	200	220	250	

Dimensions vs Air flow 宽&高尺寸/风量-对应关系表

Dimensions (W x H)		Air Flow (m³/h)	
(Inches)	(mm)	@1m/s	@0.45m/s
20×10	500×250	450	200
20×20	500×500	900	405
24×24	610×610	1340	600
24×12	610×305	670	300
18×36	457×915	1500	675
24×36	610×915	2000	900

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



High Temperature Panel Filter , Class M6 中效耐高温板式过滤器



Application: Protection of ultra-clean processes at high-temperatures , such as spraying oven, sterilization tunnel

应用: 适用于在高温工艺下, 提供洁净的空气保护, 例如喷涂烤箱, 灭菌隧道

Advantages 优势

- High quality glass fibre filter material
优质玻璃纤维滤材
- Double side retainers with a super fine stainless steel wire mesh in the downstream,ensure the fibre will not fall off
双面护网, 出风面有超细不锈钢丝网包裹, 确保纤维不会脱落
- Concave aluminum design,improve the overall structural strength
凹形铝型材设计, 提高整体结构强度
- Ultra-light,thickness is 25mm
轻薄型, 厚度仅25mm
- High temperature resistant(up to 250°C)
允许运行的环境温度最高为250°C

Specification 性能参数

Type: Panel filter for high temperature.

类型: 耐高温平板式过滤器

Media: Glass fibre.

滤材: 玻璃纤维滤棉

Frame: Aluminum.

外框材质: 铝合金

Recommended final pressure drop: 250Pa.

建议终阻力: 250Pa

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

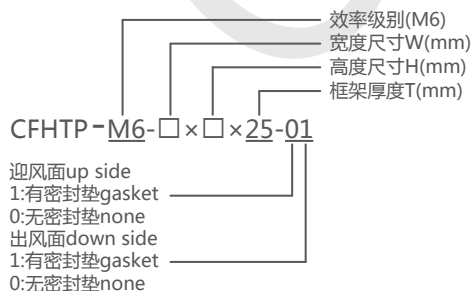
Thickness		Pressure drop (Pa) @ 1.0m/s
(Inches)	(mm)	M6
1	25	105

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H)		Air Flow (m ³ /h) @ 1.0m/s
(Inches)	(mm)	
24x24	592x592	1260
24x12	592x287	610
24x20	592x490	1040
20x20	490x490	860

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



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Corrosion Resistant Pleated Pre-Filter , Class G3 to M6 防腐蚀型折褶板式预过滤器



Application: Air conditioning applications in anti-corrosion platform , offshore.
应用: 有防腐蚀需要的空调通风系统预过滤, 如船舰, 海岸线设施, 钻井平台

Specification 性能参数

Type: Nonwoven media, pleated with a wire support grid.
类型: 防腐蚀型折褶板式预过滤器
Media: Polyester fibre.
滤材: 聚酯纤维
Frame: Stainless steel.
外框材质: 不锈钢
Bracket: Stainless steel.
支架: 不锈钢
Recommended final pressure drop: 250Pa.
建议终阻力: 250Pa
Temperature: 90°C maximum in continuous service.
连续稳定运行温度: 不高于90°C

Advantages 优势

- 7 pleats/feet, 40% higher than normal product
7褶/英尺, 比常规产品高40%
- With holders, strong structure
带支撑骨架, 结构稳固
- Stainless steel materials, efficient corrosion resistant
金属部件完全采用不锈钢材质, 有效抗腐蚀
- Filter media, holder can be replaced by customers and the frame is reusable
用户可自行更换滤材, 支架及框架可循环使用
- Can be recycled by water washing if necessary
必要时可通过水洗来循环使用

Thickness vs Efficiency vs Pressure drop 厚度/效率/阻力 - 对应关系表

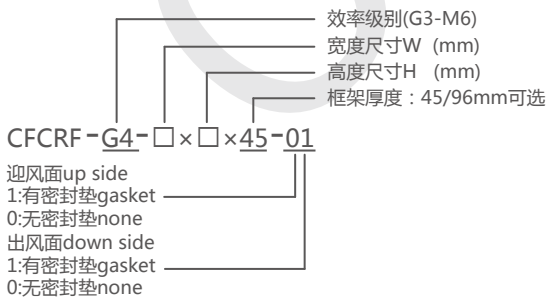
Thickness		Pressure drop (Pa) @2.5m/s			
(Inches)	(mm)	G3	G4	M5	M6
2	45	65	75	85	95
4	96	55	65	75	85

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H) (Inches) (mm)		Air Flow (m³/h) @2.5m/s
24x24	592x592	3400
24x12	592x287	1700
24x20	592x490	2800
20x20	490x490	2300

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



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Corrosion Resistant Super Synthetic Fibre Pockets Filter , Class M6 to F8 防腐蚀型超高性能化纤袋式过滤器



Application: Air conditioning applications in anti-corrosion platform, offshore.

应用: 有防腐蚀需要的空调通风系统预过滤, 如船舰, 海岸线设施, 钻井平台

Advantages 优势

- From the upstream to the downstream, the fiber density changed from loose to compact, for large dust holding capacity.
材料迎风面到出风面由疏至密, 获得大的容尘能力
- PP composite membrane on the material, ensure the efficiency for small size particles.
材料深层复合有PP膜, 保证对小粒径颗粒的效率
- Hot melt processing, materials are strong and beautiful
出风面烫光处理, 材料坚挺美观
- "V" shaped filter bag, internal inlaid with multi "V" shape small pockets, build perfect "V" shape air channel.
"V"形滤袋, 袋型内部镶嵌有多个"V"形小口袋, 塑造完美"V"形气流通
- Polyurethane frame (white/grey/black)
聚氨酯框架 (白色/灰色/黑色可选)
- The efficiency and dust holding capacity are comparable to glass fibre
在效率和容尘量方面可与玻纤媲美

Specification 性能参数

Type: Multi pockets filter.

类型: 多袋式过滤器

Media: Special synthetic fibre.

滤材: 特制合成纤维

Frame: Polyurethane, corrosion resistant type

外框材质: 防腐蚀聚氨酯

Recommended final pressure drop: 500 Pa.

建议终阻力: 500Pa

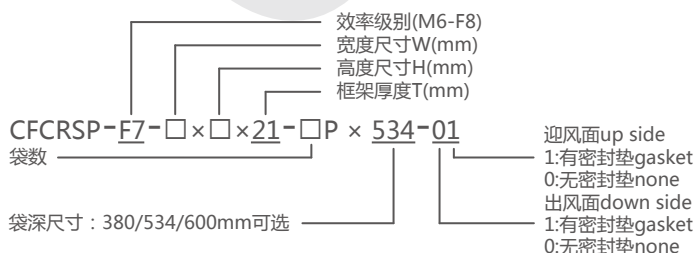
Temperature: 90°C maximum in continuous service.

连续稳定运行温度: 不高于90°C

Model	Dimensions (mm) WxHxD	Number of pockets	Filter classification EN779 : 2012	Air Flow/Pressure drop (m³/h /Pa)
CFCRSP-M6	595×595×600	6	M6	4250/100
CFCRSP-M6	595×495×600	5	M6	3400/100
CFCRSP-M6	595×287×600	3	M6	2150/100
CFCRSP-F7	595×595×600	8	F7	4250/120
CFCRSP-F7	595×495×600	6	F7	3400/120
CFCRSP-F7	595×287×600	4	F7	150/120
CFCRSP-F8	595×595×600	8	F8	4250/140
CFCRSP-F8	595×495×600	6	F8	3400/140
CFCRSP-F8	595×287×600	4	F8	2150/140

Note : Pressure drop +/-15%
Odd sizes available
注: 阻力 +/-15%
可定制任意非标尺寸

Model named rule 选型, 型号命名规则



Salt Prevented & Corrosion Resistant "V" Bank Filter , Class F7 to F9 防盐害及防腐蚀型过滤器



Application: Air conditioning applications and prefiltration for clean rooms, offshore

应用: 适用于中央空调系统和洁净室的净化, 船用空调

Specification 性能参数

Type: High performance "W" type filter.

类型: 高性能"W"型过滤器

Media: Wet-laid glass fibre paper, corrosion resistant type.

滤材: 抗水防腐蚀型玻璃纤维滤纸

Frame: Anti-corrosion Polyurethane.

外框材质: 防腐蚀型聚氨酯

Separator: Hot melt glue.

分隔物: 热熔胶

Sealant: Polyurethane

密封胶: 聚氨酯

Recommended final pressure drop: 500Pa.

建议终阻力: 500Pa

Temperature: 90°C maximum in continuous service.

连续稳定运行温度: 不高于90°C

Advantages 优势

- Ultra-fine glass fibre paper, good stability of filtration efficiency
超细玻璃纤维滤纸, 带来稳定的过滤效率
- Pleat distance: 3 mm, pleat height: 27 mm, bring lower resistance and longer life
褶距3mm, 褶深27mm, 带来低阻力和长寿命
- Install handrails side with retainers, provide adequate protection for filter
安装扶手侧带护网, 充分保护滤芯
- Polyurethane frame (white/grey/black)
聚氨酯框架 (白色/灰色/黑色可选)

Thickness vs Efficiency vs Pressrue drop 厚度/效率/阻力 - 对应关系表

Thickness		Pressure drop (Pa) @2.5m/s		
(Inches)	(mm)	F7	F8	F9
12	292	90	115	140

Dimensions vs Air flow 宽&高尺寸/风量 - 对应关系表

Dimensions (W x H) (Inches)		Air Flow (m ³ /h) @2.5m/s	
(mm)	(mm)		
24x24	595x592	4000	
24x12	595x287	2000	
24x20	595x492	3300	

Note : Pressure drop +/-15%
Burst pressure:7500Pa
注: 阻力 +/-15%
破损压力: 7500Pa

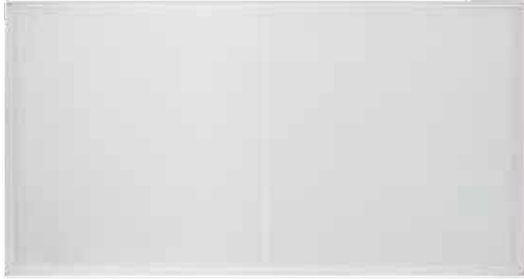
Model named rule 选型, 型号命名规则



CFCRW - F8 - □ × □ × 292 - 01

迎风面up side
1:有密封垫gasket
0:无密封垫none
出风面down side
1:有密封垫gasket
0:无密封垫none

Polymer Laminar Flow Covers 末端送风均流膜



Application: For biological or pharmaceutical workshop, laboratory and hospital operation room and all places need to get a laminar clean area

应用: 适用于生物制药车间、实验室以及医院手术室等一切需要获得层流洁净的区域

Specification 性能参数

Type: Polymer laminar covers

类型: 高分子均流膜

Laminar media: Polymer cloth

滤材: 高分子聚合材料

Frame: Aluminium/Stainless steel

外框材质: 铝合金/不锈钢

Humidity: <70%RH

湿度: <70%RH

Temperature: Normal temperature

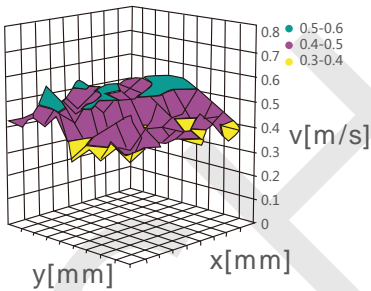
连续稳定运行温度: 常温

Advantages 优势

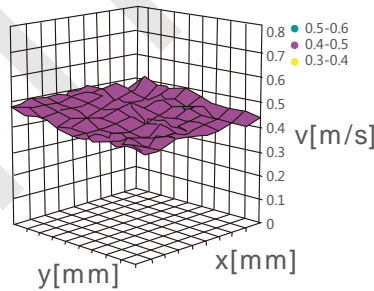
- Uniformity of the air supply can be controlled within + / - 10%
可将送风均匀性控制在±10%以内
- Low resistance, good matte
阻力低, 哑光性好
- Film coating technology like making a drum ,to ensure smoothness
鼓面式展网工艺, 保证平整性

Model	Dimensions (mm) (LxWxT)	Media type	Media area (m ²)	Pressure drop (Pa) @0.45m/s
CFLC	1200×600×20	Polymer	0.65	30
CFLC	1200×900×20	Polymer	0.98	30
CFLC	1200×1200×20	Polymer	1.40	30

Note : Odd sizes available
注: 可定制任意非标尺寸



non laminar covers
无均流膜



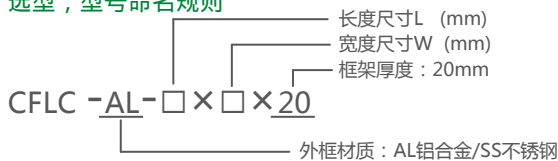
within laminar covers
有均流膜

"The technology of laminar covers can effectively improve the uniformity of air flow from HEPA/ULPA, the deviation of the point by point from the average air flow speed will be controlled within ±10%."

均流膜技术可有效改善HEPA/ULPA送风的均匀性, 逐点风速与平均风速的偏差可在±10%以内。

Model named rule

选型, 型号命名规则



Room Side Replacement Terminal Filter Housing 机械密封的下安装高效送风口



Application: Terminal supply air housing for bio-cleanroom, hospital cleanroom

应用: 生物制药、医院等洁净室的送风末端

Specification 性能参数

Type: HEPA filter housing

类型: 高效过滤器送风口

Frame: Aluminium/Stainless steel/Plastic plating galvanized steel.

外框材质: 铝合金/不锈钢/喷塑处理的镀锌钢板

Diffuser: same with the frame.

散流板: 同外框材质

Damper: Adjustable in room available.

风阀: 室内可调节可选

Temperature: 100°C maximum in continuous service.

连续稳定运行温度: 不高于100°C

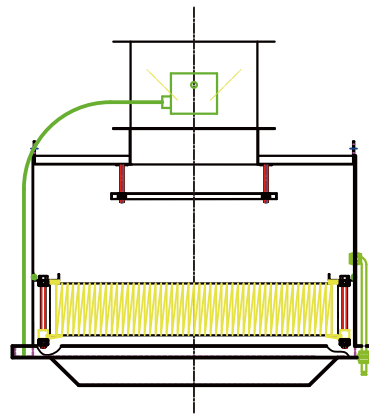
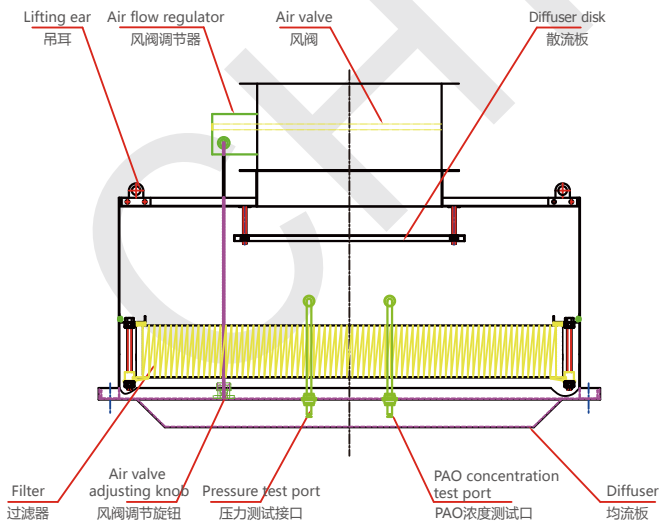
Humidity: ≤70%

耐湿性: 不高于70%

Advantages 优势

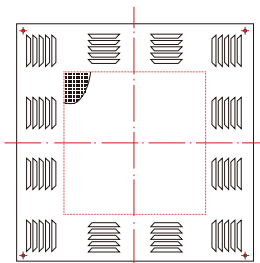
- Can be within PAO testing port.
可带PAO测试快接口
- Can be detected the pressure drop testing port.
可带压差测试快接口
- Can be equipped with air valve adjuster.
可带风量调节器
- Can be wrapped with heat preservation material.
可贴保温材料
- 3 diffuser type
3种形式的均流板可供选择
- The duct connection can be from top face or side face.
风管连接方式可选则顶接或者侧接

Housing Feature 箱体结构

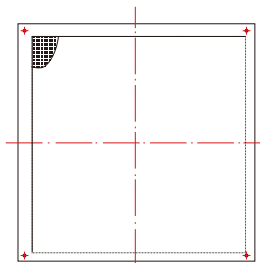


Room Side Replacement Terminal Filter Housing 机械密封的下安装高效送风口

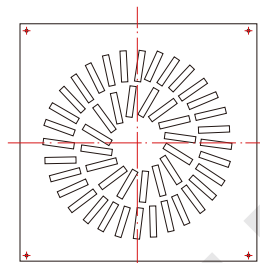
The type of diffuser 均流板形式



中间开孔，四周散流型 (D51)



全开孔型 (D52)

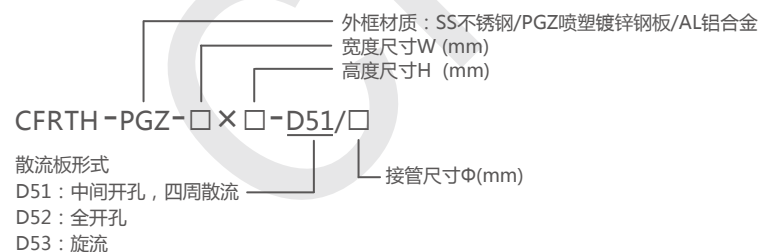


旋流型 (D53)

Size selection table
规格参数

Model	Air flow (m ³ /h)	Housing Size (mm) WxHxD	Installation Size (mm) WxH	Colar Size (mm)	Hepa Size (mm) WxHxD
CFRTH	500	370×370×220	310×310	200×200	320×320×90
CFRTH	1000	534×534×220	474×474	320×200	484×484×90
CFRTH	1000	660×660×220	600×600	320×250	610×610×90
CFRTH	1500	680×680×220	620×620	320×250	630×630×90
CFRTH	1500	965×660×220	905×600	400×250	915×610×90
CFRTH	2000	1270×660×220	1210×600	500×250	1220×610×90
CFRTH	2000	995×680×220	935×620	500×250	945×630×90

Model named rule
选型，型号命名规则



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Room Side Gel Gasket Terminal Filter Housing 液槽密封的下安装高效送风口



Application: Terminal supply air housing for bio-cleanroom, hospital cleanroom
应用: 生物制药、医院等洁净室的送风末端

Specification 性能参数

Type: HEPA filter housing

类型: 高效过滤器送风口

Frame: Aluminium/Stainless steel/Plastic plating galvanized steel

外框材质: 铝合金/不锈钢/喷塑处理的镀锌钢板

Diffuser: same with the frame

散流板: 同外框材质

Damper: Adjustable in room available

风阀: 室内可调节可选

Temperature: 100°C maximum in continuous service

连续稳定运行温度: 不高于100°C

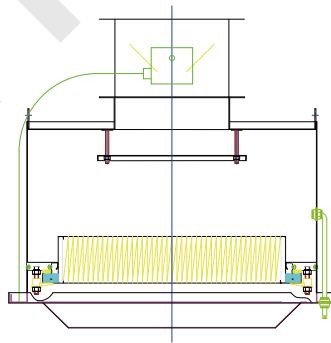
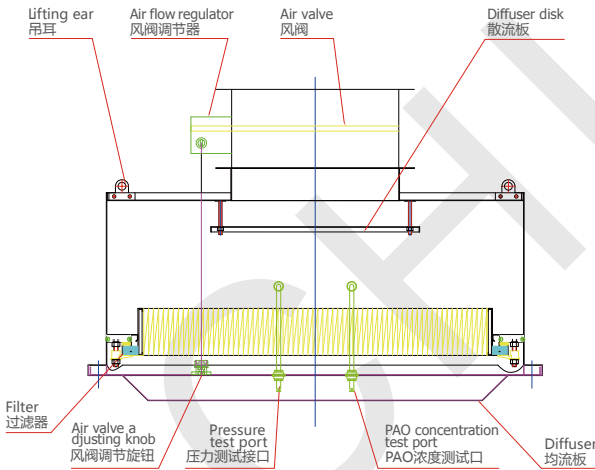
Humidity: ≤70%

耐湿性: 不高于70%

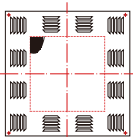
Advantages 优势

- Can be within PAO testing port
可带PAO测试快接口
- Can be detected the pressure drop testing port
可带压差测试快接口
- Can be equipped with air valve adjuster
可带风量调节器
- Can be wrapped with heat preservation material
可贴保温材料
- General or Gel sealant form
可选择普通密封形式或者液槽密封形式
- 3 diffuser type
3种形式的均流板可供选择
- Skillfully seal design, no matter positive pressure or negative pressure, will not leak
巧妙的密封设计, 无论正压还是负压的情况下, 都不会泄露

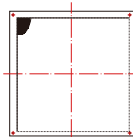
Housing Feature 箱体结构



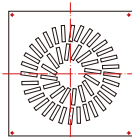
The type of diffuser 均流板形式



中间开孔, 四周散流型 (D51)



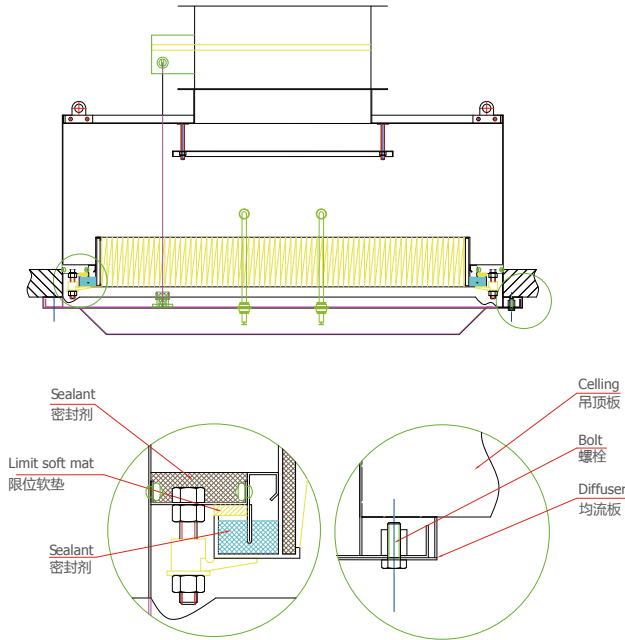
全开孔型 (D52)



旋流型 (D53)

Room Side Gel Gel Gasket Terminal Filter Housing 液槽密封的下安装高效送风口

Characteristic structure design 结构设计特色



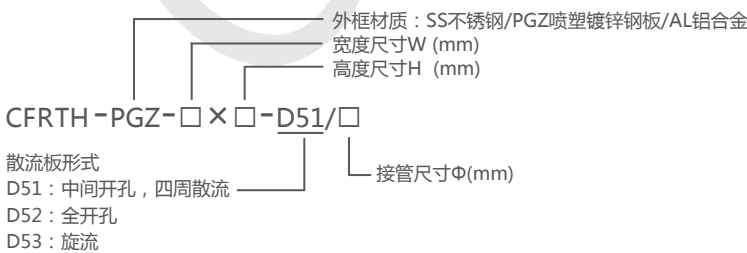
Advantages 优势

- 针对各种机械连接，合理的密封设计：
风口在组装工艺中，涉及到焊接、铆接和螺栓连接等工艺，我们使用液体密封形式将这些潜在的泄露风险都淹没在密封剂中，将泄露风险降到最低。
- 切入液槽的刀片进行了特殊设计，达到两种有效的使用效果：
a、刀边回折：液槽过滤器安装过程中，在垂直方向上，为了保证密封性能，难免会进行高度调整，这种设计有效解决了在调整过滤器高度的时候，刀边会拉坏果冻胶的问题。
b、顶部折弯回勾：在液槽过滤器安装过程中，刀片切入果冻胶最理想的状态是刀片位于液槽水平方向的中央，但是以往的设计在实际安装的过程中却很难保证，往往安装的水平位置都是偏离的，而且安装后又很难发现和校正，这种设计可以最精确的保证刀片插入液槽中央，达到最理想的密封效果。
- 限位软垫设计：
对刀片切入液槽的深度进行尺寸控制，同时其材质为橡胶材质，也可达到尺寸微调的效果。

Size selection table 规格参数

Model	Air flow (m ³ /h)	Housing Size (mm) WxHxD	Installation Size (mm) WxH	Colar Size (mm)	Hepa Size (mm) WxHxD
CFRTH	500	680×680×350	605×605	305	484×484×90
CFRTH	1000	805×805×350	731×731	305	610×610×90
CFRTH	1500	955×955×350	883×883	400	762×762×90
CFRTH	2000	1108×955×350	1036×883	400	915×762×90

Model named rule 选型，型号命名规则



Rolling Filter Unit 卷帘式过滤单元



Application: Set up in the prefiltering segments of air supply system

主要应用：应用于环境比较恶劣的送风系统前置过滤

Specification 性能参数

Type: Rolling filter unit

类型：卷帘式过滤单元

Filter Media: Polyester fibre

滤材材质：聚酯纤维

Frame: Stainless steel/Plastic plating galvanized steel

外框材质：不锈钢/喷塑处理的镀锌钢板

Motor : 220V/50HZ

电机：220V/50HZ

Reduction ratio: 1:20

减速比：1:20

Temperature: 70°C maximum in continuous service

连续稳定运行温度：不高于70°C

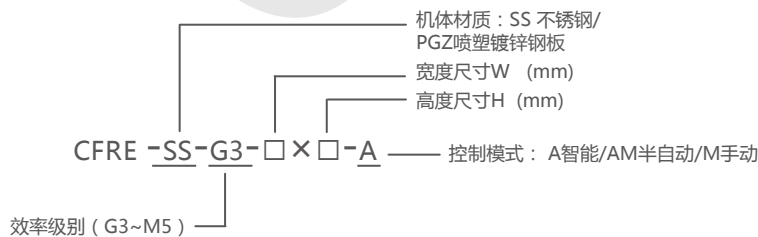
Advantages 优势

- Odd size according to user equipment
可根据用户的设备定制机组尺寸
- Mature technology, convenient installation, easy to control
技术成熟、安装简便、易于控制
- Low investment and operating cost, high control accuracy
低投入、低运行费用、高控制精度
- Intelligent/agents/manual is optional
可选配全智能/半智能/手动
- Module assembly, can satisfy the requirements of large air volume
模块拼装，可满足任意面积的场所

过滤器宽度 (mm)	额定风量 (m ³ /h)					
	过滤器高度 (mm)					
	3048	3353	3658	3962	4267	4572
914	1980	21900	24000	26200	28300	30000
1219	26400	29200	32000	34900	37700	40000
1524	33000	36500	40000	43625	47125	50000
1829	39600	43800	48000	52350	56550	60000
2134	4620	51100	56000	61075	65975	70000

Model named rule 选型，型号命名规则

Note : Odd sizes available
注：可定制任意非标尺寸



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Re-cycle Filtration Machine 空气净化器



Application: Used in indoor air quality control, such as the computer room, LABS, offices, etc

应用：应用于计算机房、实验室、中控室、控制机房的防腐蚀及异味控制

Advantages 优势

- The arrestance efficiency of dust can reach 99.99%
对于颗粒污染物，效率可达到99.99%（计重效率）
- The efficiency of removing molecular pollution can reach 97%
对于分子级污染，处理效率可达到97%
- LCD control panel, clear and simple operation
标配液晶控制面板，操作清晰简单
- Can be custom select different processing medium to deal with different target gas, such as corrosive gas, acid and alkaline gas, organic gases, peculiar smell
可针对不同的处理目标定制不同的处理媒介，诸如：腐蚀性气体、碱性气体、有机气体、异味

Specification 性能参数

Type: Self-Circulating Air Processing Unit
类型：自循环空气处理器

board: Spray steel plate/Stainless steel plate
主体材质：喷涂钢板/不锈钢板

Input power : 1ph / 220V / 50Hz
输入电源：1ph / 220V / 50Hz

Power consumption : 90-125W
耗电量：90-125W

Air volume : 500m³/h-1200m³/h
送风量：500m³/h-1200m³/h

Control: Five shifting speed/stepless speed
控制：五档调速/无级调速

Sound pressure level : 49-53 dB(A)
噪音：49-53 dB(A)

Models of adsorption medium 吸附介质种类型号	Target to deal with 待处理目标	待处理目标
CFRCU-V	Volatile organic compounds (VOC), ozone, peculiar smell	挥发性有机化合物(VOC)、臭氧、异味、甲苯等有害刺激性气体
CFRCU-B	Ammonia, amine (lu nitrogen compounds)	氨气、胺（卤氮化合物）等碱类气体
CFRCU-C	Aldehyde gas (such as formaldehyde-formalin.)	醛类气体(如甲醛-福尔马林)
CFRCU-A	Acidic gas (SO ₂ , NO ₂ , H ₂ S..)	酸性气体(SO ₂ , NO ₂ , H ₂ S..)
CFRCU-M	Mercury steam	汞蒸气

Model named rule 选型，型号命名规则

CFRCU-A-PGZ

A：酸性
B：碱性
C：醛类
V：有机类
M：汞蒸气

机体材质：PGZ喷塑镀锌钢板/SS不锈钢

Fan Filter Unit 风机过滤单元



Application: Applied in the end of industrial clean room, such as:
pharmaceutical factory, semiconductor factories, etc

应用: 应用于工业洁净室末端, 例如: 药厂、半导体工厂等

Specification 性能参数

Type: AC/EC fan module of FFU
类型: 交流/直流风机FFU模块

Frame: 0.8/1.2 mm, Galvanized steel plate
外框材质: 0.8/1.2mm 镀锌涂层钢板

Motor: AC/EC motor, outside the rotor forward type fan
风机马达: 交流/直流马达, 外转子前倾式风机

Dynamic balance level: G2.5 (German DIN ISO 1940 standard)
风机动平衡等级: G2.5 (德国 DIN ISO 1940标准)

Control: Variable pressure type five step monomer governor
Variable pressure type five step group control governor
Group control by RS485 or LON system

控制: 变压式五档单体控制器
变压式五档群控控制器
PC端群控

Input power: 1ph / 220V / 50Hz
输入电源: 1ph / 220V / 50Hz

Fault alarm lamp: Optional depended on demand
故障报警灯: 根据需要可选

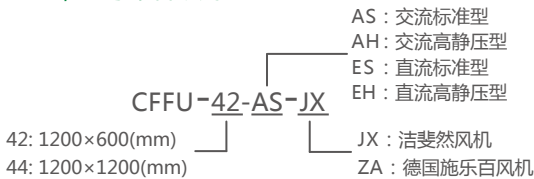
Advantages 优势

- For EC FFU, brushless dc motor means that smaller fault rate, lower power consumption, better mute effect
直流型FFU通过直流无刷电机获得更小的故障率, 更低的能耗, 更好的静音效果
- 3D design fan blades
3D设计风机叶片
- Unique air flow channel is set to get lower noise
设置有独特的气流通道从而获得低噪音
- Sealed box structure, obtained the minimum leakage rate
密闭箱体结构, 获得了最小的漏风率
- Built-in antibacterial the silencing of cotton
内置抗菌消音棉
- Maintenance-free bearing
配置免维护轴承
- Infinite speed regulation and step speed regulation is optional
无极调速和分档调速可选

Model	Actual size L x W(mm)	Height H(mm)	Weight (kg)	Motor	TSP (Pa)	Streptitus (dB)	Power consumption (W)
CFFU-42-AS	1174×574	285	29	JXAC-310	≥195 Pa	54	125
CFFU-42-AH	1174×574	285	31	JXAC-355	≥260 Pa	56	145
CFFU-44-AH	1144×1144	410	60	Ziehl-Abegg-410	≥220 Pa	55	280
CFFU-42-ES	1174×574	285	29	JXEC-310	≥225 Pa	53	100
CFFU-42-EH	1174×574	285	31	JXEC-355	≥290 Pa	55	110
CFFU-44-EH	1144×1144	410	60	Ziehl-Abegg-410	≥250 Pa	54	180

Note: Odd sizes available
Working point: surface wind speed of 0.45 m/s
注: 可定制任意非标尺寸
工况点: 面风速0.45m/s

Model named rule 选型, 型号命名规则



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“ Bag-in/Bag-out ” System 袋进袋出系统



Application: Chinafil Bag in Bag out system are used for filtering radioactive, toxic or bacterial particles and gasses, they can provide maximum safety for the operator. Be chosen in laboratories, isolation wards and the pharmaceutical industry

应用: 洁斐然袋进袋出式安全过滤系统应用于针对辐射、毒性、细菌颗粒和气体的过滤, 并同时为操作人员提供最大程度的安全保护。应用领域主要包括: 实验室、隔离病房、制药工业

Specification 性能参数

Type: “Bag-in/bag-out” system

类型: 袋进袋出式过滤系统

Case: 2.0 mm thickness, Plastic plating processing steel plate/Stainless steel plate

箱体材质: 2.0mm, 镀塑钢板/不锈钢板

Seal performance: Positive pressure: maximum 2500Pa
Negative pressure: maximum 3000Pa

密封性能: 正压: 最大耐2500Pa

负压: 最大耐3000Pa

Filter configuration: Pre filter(G4~M5) (选配)

Main filter(H10~U16)

过滤器配置: 预过滤器(G4~M5) (选配)

主过滤器(H10~U16)

Accessories: Safe change bags, manometers and material for the flanged joints supplied on request

配件: 根据需求, 选配安全更换袋, 压力表和法兰连接的配件

Advantages 优势

- Contact free filter change
免接触式更换过滤器
- The filter maintenance is fast and secure
过滤器装卸既快速又安全
- Sealed, full-welded, solid design
密封式、满焊、一体式设计
- Lever operated tension regulating filter clamping device
杠杆操作调节过滤器夹持机构
- Differential pressure meter is optional
可选配压差计
- The casings can be joined together to deal with larger air flow
模块化设计, 方便处理更大风量

Model	Dimensions (mm) WxHxD	Dimensions Pre filter (mm) WxHxD	Dimensions Main filter (mm) WxHxD	Unit weight (kg)	Unint volume (m³)
CFBIBO-A	730×535×725	None	610×610×292	44	0.35
CFBIBO-B	730×790×725	610×610×46	610×610×292	69	0.55
CFBIBO-C	735×1020×725	610×610×292	610×610×292	89	0.70

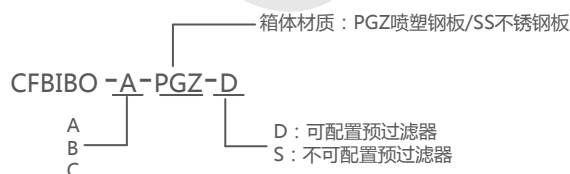
Note: Odd sizes available

Working point: surface wind speed of 2.5 m/s

注: 可定制任意非标尺寸

工况点: 面风速2.5m/s

Model named rule 选型, 型号命名规则



Re-cycle Laminar Flow System 自循环式层流系统



Application: Applied in high level cleanroom, such as: biological pharmaceutical factory ,etc

应用: 应用于需要严格控制洁净度的环境中, 例如: 生物制药厂

Advantages 优势

- The Gel sealing structure is optional
可选择液槽密封结构
- Can be customized , or according to the site conditions
可定制标准模块化结构, 也可根据现场条件进行改造
- The optimized seal structure characteristics, better adapt to the new requirement of GMP
优化密封结构特点, 更好的适应新GMP要求
- Modular design, can be assembled according to the site required
模块化设计, 可根据使用区域面积选择多组设备进行组合
- Hanging on the ceiling or mounting bracket on the ground
可采用悬挂式也可采用落地支架式
- EC motor can reduce the nosie level and save the energy
采用直流风机可以降低噪音水平并且节能

Specification 性能参数

Type: LAF
类型: 层流罩
Structure : Automatic cycle/MAU for air
结构形式: 自循环式/系统供风式
CASE: 1.2/1.5 mm Stainless steel
箱体材质: SS304 1.2/1.5mm不锈钢板
Metal parts: SS304
金属部件: SS304

MODEL	CFLAF-14E	CFLAF-17E	CFLAF-20E	Picture
Dimension(L*W*Hmm) 外形尺寸	1340*800*480	1640*800*480	1950*800*480	
Air flow(m³/h) 风量	1736	2125	2527	
Air velocity(m/s) 风速	0.45±10%(有均流膜的情况下)			
Clean class 净化级别	Grade A @ EU GMP			
HEPA/ULPA 高效过滤器规格及数量	1210*610*88-1pcs	915*610*88-1pcs 610*610*88-1pcs	915*610*88-2pcs	
Illumination (lux) 照明照度	500	500	500	
Laminar covers 均流膜	Imported polymer cloth within the SS304 stainless steel frame 采用进口高分子均流布, 均流膜外框材质为SS304不锈钢			
Input power 输入电源	Input power : 1ph / 220V / 50Hz			
Motor 风机马达	Ec/AC motor 直流/交流马达 Ziehl-Abegg/EBM/JXEC			
Control: (EC) 控制:	Group control by RS485 or LON system PC端群控			
Fault alarm lamp 故障报警灯	Optional depended on demand 根据需要可选			
Aerosol injection system 发尘系统	Quick joint type, SS304 stainless steel material 采用快接式接口, SS304不锈钢材质			
Testing port 测试接口	Quick joint type, SS304 stainless steel material 采用快接式接口, SS304不锈钢材质			

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Laminar Flow System Hang from Ceiling 吊顶层流系统



Application: Applied in high level cleanroom, such as:
biological pharmaceutical factory ,etc

应用: 应用于需要严格控制洁净度的环境中, 例如: 生物制药厂

Specification 性能参数

Type: LAF

类型: 层流罩

Structure : Automatic cycle/MAU for air

结构形式: 自循环式/系统供风式

CASE: 1.2/1.5 mm Stainless steel ; Rock wool board ;

Polyurethane board

箱体材质: SS304 1.2/1.5mm不锈钢板; 岩棉板; PU板可选

Metal parts: SS304

金属部件: SS304

Advantages 优势

- No effect to the cleanroom air distribution
对洁净室内的气流组织没有影响
- Suitable for old laminar flow hood to remake or upgrade
适合对陈旧或落后的层流罩进行改造升级
- The Gel sealing structure
液槽密封结构
- The optimized seal structure characteristics, better adapt to the new requirement of GMP
优化密封结构特点, 更好的适应新GMP要求

MODEL	CFLAF - 36N	CFLAF - 48N	CFLAF - 66N	Picture
Dimension(L*W*Hmm) 外形尺寸	3700*2400*600	4900*2400*750	7200*2300*800	
Air flow(m³/h) 风量	13415	17885	25660	
Air velocity(m/s) 风速	0.45±10%(有均流膜的情况下)			
Clean class 净化级别	Grade A @ EU GMP			
HEPA/ULPA 高效过滤器规格及数量	1210*610*88-9pcs	210*610*88-12pcs	1210*610*88-18pcs	
Illumination (lux) 照明照度	500	500	500	
Laminar covers 均流膜	Imported polymer cloth within the SS304 stainless steel frame 采用进口高分子均流布, 均流膜外框材质为SS304不锈钢			
Control: 控制:	By air conditioning unit control 由空调机组控制			
Aerosol injection system 发尘系统	Quick joint type, SS304 stainless steel material 采用快接式接口, SS304不锈钢材质			
Testing port 测试接口	Quick joint type, SS304 stainless steel material 采用快接式接口, SS304不锈钢材质			

Note : Odd sizes available
注: 可定制任意非标尺寸

Chinafil Filter Management Package (CFMP) 洁斐然过滤系统管理服务包

洁斐然提供这样一套贴心的服务 (Chinafil offer such a thoughtful service) :

Our team will listen, find that any user's filtration system present situation and problems, and then, tailor the most suitable management method for user's filtration system. All relevant filtration system workload shall be borne by Chinafiller's team, the only thing users need to do is: wait for clean air head on and enjoy it.

有关空气过滤器使用的知识获取途径非常有限；过滤器的现场使用效果也并不方便用数据来量化；空气过滤器并未获得应有的重视。对很多用户来说，空气过滤器的使用几乎就是一个黑匣子：

我们的团队会倾听、发现任何有关用户现场过滤系统使用的现状及问题，量身定制一套最适合用户的过滤系统管理办法，所有有关过滤系统的工作量都由洁斐然团队来承担，用户仅仅要做的是：静候洁净空气迎面扑来。

1. 刚刚安装上去的这批过滤器对我们的系统来说在材料和形式上是否是最佳选择？
2. 我们这次更换过滤器在时间点的选择上是偏早还是太迟？3 这批过滤器的实际效率、标签上标示的效率、我们的系统真正需要的效率这三者真的一致吗？2 这批空气过滤器的初始阻力本来是否还有可能降低一些？
3. 这批空气过滤器的阻力上升的速度是否还有可能更慢一点？
4. 我们是否已经把我们末端高效过滤器的寿命有效延长到了最合理最经济的极致？
5. 我们空调的盘管的能量传递系数正常吗？
6. 过滤器的更换或不更换会导致我们空调的送风量有浪费或是不够吗？7 我们使用过的空气过滤器在作为废物的处理时是否符合国家环保规范的要求？有关物料是否做到了物尽其用没有浪费？

STEP1	Listen to, communicate, found the problem on site. 现场倾听、交流、发现问题	1、Record the problem by listening to, communication with users. 通过倾听、交流，针对用户所反映的使用问题，登记在案 2、By looking on the site, find the possible causes of problem, and find that there may be a new problem 通过现场的查看，发现可能造成问题的原因，以及发现可能存在的新问题
STEP2	Summarize problem, put forward the maintenance plan 总结问题、提出维护计划	1、Collect all of the problems about user's filtration system 汇总用户所反映的问题以及现场所发现的问题 2、According to the existing problems, tailor the maintenance plan for user. 根据存在的问题，为用户量身定制维护计划
STEP3	Provide technical support, training and consulting services 提供技术支持、培训、咨询服务	1、According to maintenance plan start technical communication with customers, discuss improvement opinion 针对维护计划与用户展开技术交流，讨论完善意见 2、Perfect and optimize the maintenance plan 完善、优化维护计划 3、Provide technical training, support, consulting, services needed by users 提供用户所需的技术培训、支持、咨询服务
STEP4	Set up user profiles 建立用户档案	According to the filtration system configuration and maintenance plan, establish archives for the customer 依据用户过滤系统配置和维护计划，为客户建立档案

Chinafil Filter Management Package (CFMP) 洁斐然过滤系统管理服务包

<p>STEP5</p>	<p>Management on site 现场管理</p>	<p>1、Replacement service: provide the filter replacement service 更换服务：提供过滤器的更换服务</p> <p>2、Waste disposal: packaging according to the containment requirements of waste filter, prevent secondary pollution. 废旧品处理：按照对废旧过滤器的密封包装要求包装,杜绝对现场的二次污染</p> <p>3、Spare parts control management: the target is zero inventory 备件控制管理：目标为零库存</p> <p>4、Performance inspection: according to the individual unit regularly inspection, to customize the system running parameters (resistance) registration form for users , so that users know the running status in real time. 运行状况巡检：针对单个机组定期巡检，为用户定制系统运行参数（阻力）登记表格，以使用户实时了解运行情况。</p> <p>5、Cleaning services: Including air conditioning equipment inside and outside wall cleaning, so that avoid dust in air ducts, and the cleaning work after the maintenance work is completed 清洁服务：空调箱内、外壁板的清洁，避免风管内积尘；更换完成后现场的清洁整理工作</p>
<p>STEP6</p>	<p>Information feedback 信息反馈</p>	<p>Agreed time period as the maintenance period , we will collect the recorded parameters , maintenance workload as well as recommendations aim to the new problems founded , and put it into report to submit to users. 以约定时间段作为维护周期，并将此周期内所记录的参数、维护工作量以及针对新发现问题的整改建议汇总成报告提交给用户</p>

您的收益：

- 改善品质 (Increasing the Quality)
- 节约成本 (Cost reduction)
- 降低管理费用 (Reduction Admin costs)
- 减少仓储费用 (Reduction store costs)
- 实时技术支持和服务 (Service-Engineer on site)



Clean Class and Filter Test on Site 现场洁净度测试及测漏扫描服务



Cleanliness, air flow, air velocity is one of the important parameters of industrial clean room users care about, Chinafil with international most advanced testing instruments, can help users to understand these parameters, in order to found the problem in time, to make rectification.

洁净度、风量、风速是工业洁净室用户所关心的重要参数，洁斐然具备国际最先进的测试仪器，可帮助用户了解这些参数，以便及时发现问题，做出整改。

测试项目	Test item
洁净度测试	The cleanliness test
出风口风量测试	Downstream air flow test
风速测试	Velocity test
HEPA测漏扫描	HEPA leak scanning

STEP1	Statistics inspection items and quantity on site. 现场统计检测项目及检测量
STEP2	Consultation with users, according to production plan and site condition, make the most reasonable test plan 与用户协商，根据生产计划和现场状况，排出最合理的测试计划
STEP3	Testing on site 现场测试
STEP4	According to the original test data, issue the test report, and submitted to the user 依据原始测试数据，出具测试报告，并提交给用户



Air Filter Efficiency & Classification Table 欧洲标准化委员会效率分级对照表

According to the European Committee for Standardization

Standard 标准	Classification 效率分级	Arrestance 比重法(%)	Particle Efficiency@0.4μm 0.4μm计数法(%)	MPPS 最易穿透粒径法(%)
EN779: 2012	G1	$E_A < 65$		
	G2	$65 \leq E_A < 80$		
	G3	$80 \leq E_A < 90$		
	G4	$90 \leq E_A$		
	M5		$40 \leq E < 60$	
	M6		$60 \leq E < 80$	
	F7		$80 \leq E < 90$	
	F8		$90 \leq E < 95$	
	F9		$95 \leq E$	
	EN1822: 2009	E10		
E11				$95 \leq E < 99.5$
E12				$99.5 \leq E < 99.95$
H13				$99.95 \leq E < 99.995$
H14				$99.995 \leq E < 99.9995$
U15				$99.9995 \leq E < 99.99995$
U16				$99.99995 \leq E < 99.999995$
U17				$99.999995 \leq E$

About Chinafil 关于洁斐然

洁斐然是空气洁净技术的创新者和传播者，同时也是环境保护及公益事业的参与者和发起者。洁斐然通过致力于为社会机构及个人提供可靠、简洁、节能、环保的空气过滤解决方案，以及制造高效、可信、精致、耐用的空气过滤产品而对改善、提高人类生活品质作出贡献。

洁斐然研发及制造中心位于江苏昆山经济技术开发区洞庭湖南路8号，拥有万级洁净室及千级洁净区，用于高效及超高效过滤器的制造、检测和包装；装备有最新的符合EN1822:2009标准的6探头扫描测试台及检漏测试台，以及符合EN779:2012标准的初、中效过滤器测试台，和来自美国的Metone3413大流量激光离子计数器、TSI8375风量罩等最可靠仪器，并通过BSI-ISO9001:2008国际质量管理体系认证。

洁斐然全国客户服务中心位于上海虹桥交通枢纽暨沪松公路1399弄120号707室，面向全国提供技术支持、物流配送方面的服务，并开通有全国呼叫服务平台4006-707-505。

在过去的一年里，洁斐然通过直销团队及代理分销渠道为中国地区的用户提供了超过200000只高性能空气过滤产品。这些产品被广泛应用在：

- 芯片制造/微电子/光伏/平板显示等高级别工业洁净室
- 生物医药（GMP车间）/医院等要求严格无菌无害的场合
- 高端食品、饮料制造行业
- 腐蚀性气体及刺激性气体控制、危险气体排放控制
- 表面涂装处理（无尘涂装）
- 室内空气品质控制（IAQ）

洁斐然的用户多数是全球500强、上市公司、央企或骨干企业，他们中的多数都是他们各自所在行业里的领导者。在过去的五年里，洁斐然已经和这些真正关注高效、节能、环保，关心空气品质和健康的人士在空气污染控制方面取得了最大限度的共识和共赢。

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