

INDUSTRIAL DUST COLLECTOR FILTER AND OIL & FLUID PURIFIER CATALOG

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FILTER CARTRIDGE TYPE INDUSTRIAL DUST COLLECTOR



Product characteristics

Independent PLC control system, fully intelligent programmable control. 7-inch LCD display screen, touch and dialogue operation.

Imported filter cartridge with falling film external treatment, with a filtration accuracy of up to 0.1 micrometers.

During the process of vacuum cleaning, the dust will be attached to the dry filter element, which will affect the vacuum cleaning effect; We flush the interior of the speed core with strong air pressure within the time set by the system to prevent dust adsorption.

When the filter element reaches its service life (1 year/360 days of normal use, with a replacement calculated at 8 hours per day), the system will alarm and prompt for replacement to avoid affecting the normal use of the equipment.

Frequency conversion energy-saving function: The turbine speed can be adjusted according to the amount of dust during processing (generally, during precision machining, the dust amount is small, and the vacuum cleaner runs at full load, which is a waste of electricity). At this time, only the adjustment on the operation panel is needed.

Remote control function: The power supply can be connected to the machine tool, and the vacuum cleaner can be started, stopped, and stopped when the spindle rotates (it can also be started or stopped randomly, that is, the vacuum cleaner can be started and stopped synchronously).

Application industry and scope

Suitable for: (dry dust treatment) such as: metal polishing dust, furniture cutting polishing dust, stone cutting polishing dust, medicinal material processing dust, graphite processing powder Dust, machine tool grinding and cutting dust, lithium battery processing dust, (laser engraving machine, welding machine, automation robot matching, and other equipment that generates dry dust) And workstation usage). The filtered gas can be directly discharged indoors, and the dust recovery rate can reach over 99%.

Model No.	HVMD-2200	HVMD-3000	HVMD-3700
Power supply system	380/50	380/50	380/50
Rated power	2.2	3.0	3.7
Rated current	3.2	4.5	6
Dust rate(>um)	99.99	99.99	99.99
Rated air volume	2800	3600	4300
Max wind speed	28m/S	32m/s	36m/s
Max wind pressure	1300-1800	1800-2200	2000-2500
the measure of area	8	22.0	22
quantity	2	2	4
Suction diameter	Medium 150/200mm	200/250mm	200/250mm
Exhaust diameter	360/1 in the middle	360/pc	360/1pc
Phonetics	72+2	72+2	73+2
Dust box capacity	50	50/60/75	75
Primary color	OEM/ODM	OEM/ODM	OEM/ODM
Boundary L*W * H	850*680*1600	820*800*2000	820800*2000
Weight (gross weight)	220	280	280

FILTER CARTRIDGE TYPE INDUSTRIAL DUST COLLECTOR



Product characteristics

- Independent PLC control system, fully intelligent programmed control. 7 inch LCD screen, touch, conversational operation.
- High quality filter cartridge plus membrane coating, filtration accuracy up to 0.1 micron (nano level). This is a general vacuum cleaner, which is "beyond the reach of dust".
- During the suction process, the dust will adhere to the filter element, which will affect the dust suction effect; We flush the inside of the filter element under strong air pressure within the time set by the system

Wash to prevent dust adsorption. When the filter element reaches the service life (normal use of 1 year/360 days, replacement once is counted as 8 hours per day), the system will alarm to prompt replacement, so as not to affect the equipment

Normal use frequency conversion energy-saving function: the turbine speed can be adjusted according to the amount of dust during processing (generally the machine tool machine tool is small when the dust amount is small, and the vacuum cleaner is fully loaded Turn, it is a waste of electricity), then only need to adjust on the operation panel.

Remote control function: the power supply can be connected to the machine tool, set the vacuum cleaner to start when the spindle rotates, stop the spindle, and stop the vacuum cleaner (can also be started and stopped randomly by the bed stop, that is, the vacuum starts and stops synchronization).

Industries and scopes of application

Suitable for: (dry dust treatment) such as: hardware polishing dust, furniture cutting and polishing dust, stone cutting and polishing dust, medicinal materials processing dust, graphite processing powder dust, machine tool grinding and cutting dust, lithium battery processing dust, (laser machine, engraving machine, welding machine, automatic robot matching, and other equipment that produces dry dust and workstation use). The filtered gas can be discharged indoors, and the dust recovery rate is more than 99%.

Model NO.	unit	HVDM-5500	HVDM-7500
Power supply system	V/HZ	380/50	380/50
Rated power	KW	5.5	7.5
Rated current	A	10.6	13.2
Dust removal rate (particle size $\geq \mu\text{m}$)	%	99.99	99.99
Rated air volume	m ³ /h	4800-5800	8000
Max wind speed	m/s	45m/S	49m/S
Max wind pressure	PA	1800-2400	1800-2400
Area	m ²	60.0	72
Quantity	mm	6	6
Suction caliber	mm	250/300mm	300/350mm
Exhaust caliber	Db(A)	360/1 ↑	360/1 ↑
Noises	L	74±2	75±2
Container capacity	mm	80/95/110	85
Color	KG	OEM/ODM	WHITE
dimensions L*W*H (Gross Weight)	V/HZ	960*920*2100	1200*1100*2350
	KW	330	600

DUST COLLECTOR FOR DRY AND WET INDUSTRY



Product characteristics

No filter design combines the world's most advanced dynamic interception with swirl technology. It can effectively purify all kinds of high-temperature sparks, dust, oily and adhesive dust, fibers and various metal waste chips. In particular, metal polishing and grinding, surface grinding machines and large water mills are the most ideal dust removal and purification equipment.

No need to change consumables. No filter design, there will never be clogging, and the suction power can remain unchanged all year round.

According to customer needs, the addition of spray function can be selected.



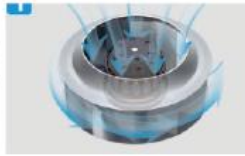
INDUSTRIAL DUST COLLECTOR FILTER AND OIL & FLUID PURIFIER

Industries and scopes of application

Suitable for: (wet, oily, dry, high-risk flammable and explosive dust treatment) such as: magnesium powder, aluminum powder, coal ash, flour, starch, and other flammable synthetic materials dust treatment. Other industry applications such as: hardware polishing dust, furniture cutting and polishing dust, stone cutting and polishing dust, medicinal materials addition Industrial dust, machine tool grinding and cutting dust, lithium battery processing dust, etc. The filtered gas can be discharged indoors, the dust recovery rate is more than 99%, and it is not blocked, and the air volume is consistent all year round.

Model no.	units	HGF-30	HGF-50
Power supply system	V/Hz	380/50	380/50
Rated power	KW	3.7	5.5
Rated current	A	8	11
Rated air volume	m ³ /h	2400	3200
Max wind speed	m/s	21(200)	29(200)
Rated wind pressure	PA	400	800
Suction caliber	mm	Φ 200	Φ 200
Exhaust caliber	mm	Φ (500*500)*2	Φ (500*500)*2
noises	Db(A)	72±2	72±2
Dust container capacity	mm	92	110
color	white	OEM	OEM
Overall dimensions L*W*H	mm	800*800*2000	960*1100*2200
Weight	KG	230	270

EXPLOSION-PROOF INDUSTRIAL DUST COLLECTOR



Product characteristics

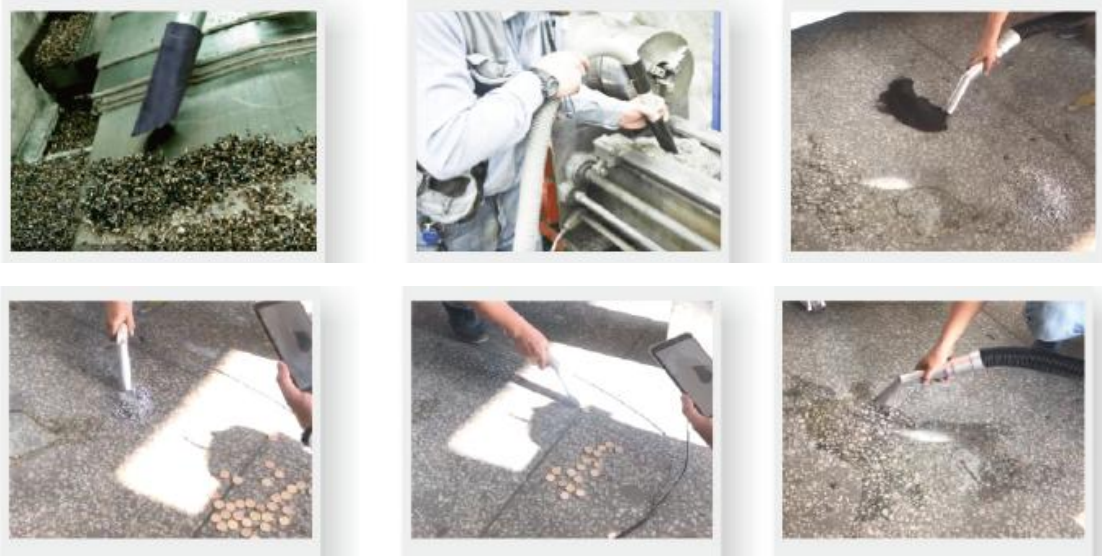
In recent years, dust explosion accidents have occurred frequently, especially in the aluminum processing industry, more and more people are aware of the huge harm caused by dust explosions, and regulatory authorities at all levels have paid more and more attention to flammable and explosive materials, and must take necessary explosion-proof precautions to protect personal and property losses. Our company has many years of dust explosion-proof design experience, and conventional products have also obtained national recognized explosion-proof product certification.



INDUSTRIAL DUST COLLECTOR FILTER AND OIL & FLUID PURIFIER

Order no.	units	HFD-2200	HFD-3700	HFD-5500
Power supply system	V/HZ	380/50	380/50	380/50
Rated power	KW	2.2	3.7	5.5
Rated current	A	5	8	11.6
Dust removal rate (particle size $\geq 1 \mu m$)	%	99.999	99.999	99.999
Rated air volume	m ³ /h	2800	4000	5800
Maximum wind speed	m/s	22(Φ 200)	32(Φ 200)	40(Φ 250)
Rated wind pressure	PA	2100	2600	2600
area	m ²	18	26	45
quantity	pc	2	4	4
Suction caliber	mm	150/200	200/250	250/300
Exhaust caliber	mm	Φ 360	Φ 360	Φ 360
noises	Db(A)	72 \pm 2	73 \pm 2	74 \pm 2
Dust container capacity	L	70	50/60/83	85
color	white	OEM	OEM	OEM
Overall dimensions L*W*H	mm	850*680*1600	820*800*2000	960*920*2100
Weight (Gross Weight)	Kg	200	220	270

Small Industrial Vacuum Cleaner HSV-002



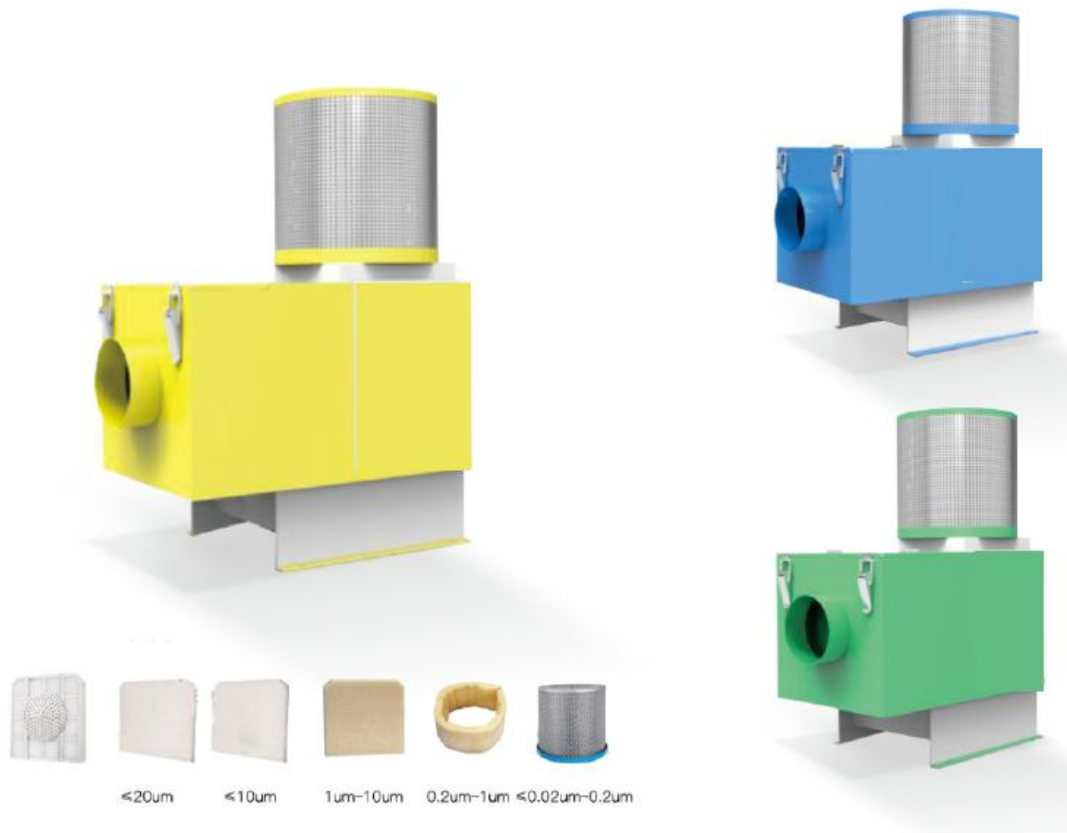
Product characteristics

Manual dust cleaning, easy to use. No blockage, large air volume, can absorb water, oil, cutting fluid, metal waste residue, etc.

Dimensions L "W * H (mm) : 230*230*800

Weight (Gross Weight): 9KG

GH SERIES OIL MIST PURIFIER HGH(0.4KW-2.2KW)



Product characteristics

GH series oil mist purification machine adopts centrifugal separation and high-efficiency filtration technology, after the oil mist purification machine 5-stage filtration treatment, the oil mist collection efficiency is more than 99%, can reduce the influence of dry smoke, oil mist on the machine tool circuit system, control system, reduce the maintenance cost of machine tools. Improve the working environment, achieve cleaner production, protect the physical and mental health of employees, and reduce the occurrence of occupational diseases.

Industries and scopes of application

It is suitable for oil mist and water-based mist generated during processing of cutting fluids, emulsions and synthetic coolants. CNC lathes, machine tools, external cylindrical, surface grinding Bed, CNC machining center.

SPRAY TOWER WASTE GAS DUST PURIFIER

Product characteristics

"Spray tower" is suitable for hardware, building materials, ceramics, electronics, chemical industry, casting, aluminum products, metallurgy, mechanical processing, non-ferrous metals and other industrial fields of waste gas dust purification, generator boiler exhaust gas treatment, acid and alkali waste gas purification, etc.



Order No. HTW-050

WHIRLWIND TOWER WASTE GAS & DUST PURIFIER



Product characteristics

"Cyclone tower" is suitable for waste gas dust purification treatment in various industrial fields (especially suitable for spray painting waste gas paint mist treatment, grinding and polishing dust treatment, etc.). The cyclone tower has the advantages of low resistance, energy saving, low noise and treatment, and can handle a variety of dust and exhaust gases.

ORDER NO.HWT-100

SOLDER FUME PURIFIER

Welding fume purification equipment

SOLDER FUME PURIFIER



Product characteristics

YCJH series solder soot purifier is a laser industry soot purifier developed by our company in combination with environmental protection emission requirements, which has the advantages of large air volume, stable and reliable, small footprint, simple structure, economy and practicality.

SOLDER FUME PURIFIER

Parameter ORDER NO. HYCJH-1000, HYCJH-2000, HYCJH-3000

Model No.	unit	HYCJH-1000	HYCJH-2000	HYCJH-3000
Power supply system	V/HZ	380/50	380/50	380/50
Rated power	KW	1.5	2.2	3.0
Rated current	A	3	4.4	6
Dust removal rate	%	99.999	99.999	99.999
Rated air volume	m ³ /h	2350	3150	3850
Max wind speed	m/s	25(Φ 160)	34(Φ 160)	45(Φ 200)
Rated wind pressure	PA	500	700	900
Precision	μ m	0.3	0.3	0.3
Quantity	pc	2	2	2
Suction caliber	mm	Φ 160	Φ 160	Φ 160
Suction arm length	M	3	3	3
Noises	Db(A)	72±2	72±2	72±2
Dust truck capacity	L	10	12	15
Color	White	customized	customized	customized
Dimensions L*W*H	mm	600*700*120	700*800*1200	750*920*1200
Weight	kg	80	100	130

ELECTROSTATIG FUME PURIFIER



ELECTROSTATIG FUME PURIFIER parameters

Double-layer model	Handle air volume	Form factor	Air outlet size	Input voltage	power	Purification efficiency	Wind resistance
LBHB_DK_12B	12000	910*655*1252	430	220	600	98%	<150
LBHB_DK_16A	16000	910*845*1252	620	220	600	98%	<150
LBHB_DK_20A	20000	910*1030*1252	805	220	1200	98%	<150
LBHB_DK_24A	24000	1285*845*1252	620	220	1200	98%	<150
LBHB_DK_30A	30000	1285*1030*1252	805	220	1200	98%	<150

CENTRAL DUST COLLECTION OF HIGHPOWER DUST REMOVAL EQUIPMENT



CENTRAL DUST COLLECTION (VJGG11KW)

*Provide customized equipment strive to achieve more energy-saving,
economical, more efficient and more stable central dust collection machine.*

CENTRAL DUST COLLECTION OF HIGHPOWER DUST REMOVAL EQUIPMENT

