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Filter Cartridge Dust Collector

Industry Workshop Powder Dust System



The cartridge dust collector is operated under negative pressure. The dust-containing gas enters the tank through the air inlet;

The cartridge dust collector is operated under negative pressure. The dust-containing gas enters the tank through the air inlet; Under the action of the negative pressure in the folding filter cartridge, the gas enters the cylinder through the filter material outside the cylinder, and then enters the clean air chamber, and finally the clean gas is discharged from the air outlet. When the dust accumulates on the surface of the filter material, the resistance is getting larger and larger (can also be set by time), the pulse valve is opened, the compressed air is directly sprayed into the center of the filter cartridge, and the filter cartridge is sequentially pulsed to remove the dust, and the dust on the surface of the filter cartridge is purged.

Item/Model	Dust air volume m ³ /h	Filtration area m ²	Fan power kw
HR-4	3000~400	60	5.5
HR-8	6000~800	120	7.5
HR-12	9000~12000	180	11
HR-16	12000~16000	240	22
HR-24	18000~24000	360	22
HR-32	24000~32000	480	30

HR-36	27000~36000	540	37
HR-40	30000~40000	600	37
HR-48	36000~48000	720	37
HR-56	42000~56000	840	45
HR-64	56000~64000	860	45

Laser Cutting Fume Dust Collector



The cartridge dust collector is operated under negative pressure. The dust-containing gas enters the tank through the air inlet; Under the action of the negative pressure in the folding filter cartridge, the gas enters the cylinder through the filter material outside the cylinder, and then enters the clean air chamber, and finally the clean gas is discharged from the air outlet.

Features

1. Robust painted steel cabinet with options for stainless steel
2. Downflow horizontal cartridge collectors
3. Integrated motor fan, mini footprint, easy installation
4. Self-cleaning with automatic reverse air pulse
5. "On-line" cleaning system, minimal maintenance requirements and long filter life-reduces downtime, saves money
6. Compact dust storage bin
7. Plug and play type unit
8. Filter medias to suit all applications and products
8. Up to +/-0.4 Bar(g) operating pressure rating (higher available on request)
10. High efficiency and low emissions to atmosphere, guarantees air quality and protects environment and personnel and saves energy and money

type	number of cartridge	filtering area(m ²)	air volume(m ³ /h)	cartridge specification	velocity of filtering (m/min)
GHR2-8	8	80	3800	(365-290)*660	0.7-1m/min
GHR3-12	12	120	5800		
GHR3-24	24	240	11500		

GHR4-32	32	320	15400		
GHR4-48	48	480	23000		
GHR4-64	64	640	30700		
GHR4-80	80	800	38400		
GHR4-96	96	960	46100		
GHR4-112	112	1120	53800		
GHR4-128	128	1280	61400		

Pharmaceutical Powder Dust Collector



HR series cartridge type dust-collector is mainly used in the collection of aerial dust and the air pollution control or being as a part of the production process, it can guarantee the highly effective dust-connecting continually.

HR series cartridge type dust-collector is mainly used in the collection of aerial dust and the air pollution control or being as a part of the production process, it can guarantee the highly effective dust-connecting continually. This machine has the advantages of running stably, great processing amount of wind, small volume and easy maintaining.

Item/Model	Dust air volume m ³ /h	Filtration area m ²	Fan power kw
HR-4	3000~400	60	5.5
HR-8	6000~800	120	7.5
HR-12	9000~12000	180	11
HR-16	12000~16000	240	22
HR-24	18000~24000	360	22
HR-32	24000~32000	480	30
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