

# VJ-H Series

Manual Cleaning Type  
Industrial Dust Collector



## • Product Description

VJ-H Series is a simple industrial dust collector with large air volume, stable and reliable mechanical structure, small footprint, and flexible movement.

## • Features

- Horizontal filter installation mechanism can reduce the height of machine, and can be very suitable for space limited working conditions. The material of filter cartridge can be water-oil resistant, polyester or other type depending upon the customer needs.
- Patented manual filter cleaning is used (Patent No. 201220489001.3). At the back side of the machine, there is a rotary handle to clean the accumulated dust on the filter. It is convenient and cost saving.
- To keep the machine running safely and conveniently, the machine is equipped with a simple type magnetic switch, which has the thermal overload protection function. Also, it can achieve remote control function according to customer's requirement.



## • Applications

Lithium battery slitting machine, composite material cutting machine, CNC machine, PCB V-CUT machine, vertical sawing machine for wood or metal processing applications, etc.



## • Optional Configurations

- › Multi tower light
- › Stainless steel version
- › Explosion proof version
- › Activated carbon filter
- › Converter
- › Enlarged capacity of dust collection bin
- › Additional H13/H14 filter



## • Technical Parameters

Model	VJ-1.5H	VJ-2.2H	VJ-3.0H
Voltage (V / Hz)		380 / 50	
Power (kW) / ( HP )	1.5 / 2.0	2.2 / 3.0	3.0 / 4.0
Max air flow (m <sup>3</sup> /h) / ( CFM )	1500 / 883	2200 / 1295	3000 / 1765
Max air pressure (Pa) / (mmH <sub>2</sub> O)	1800 / 184	2500 / 255	2500 / 255
Air inlet Dia. (mm) / (in)	Ø 150 / 6		Ø 200 / 8
Noise dB (A)	73±2	75±2	77±2
Filter area ( m <sup>2</sup> ) / ( sq.ft )		8 / 86	
Filter efficiency	>99%		
Filter cleaning method	Rotary vane dust vibration structure		
Capacity of the dust container(L) / ( gal)	15 / 4.0		
Dimensions [LxWxH] (mm) / (in)	653*700*1300 / 25.7*27.6*51.2	653*700*1300 / 25.7*27.6*51.2	653*700*1362 / 25.7*27.6*53.6
Weight (kg) / (lb)	130 / 287	140 / 309	190 / 419

\*Note: The mentioned values of Airflow and the Pressure may vary slightly with change in air inlet size.