

VH/VHX Series

Multiple Filtration Type
Fume Extractor



• Optional Configurations

- > Stainless steel version
- > Multi tower light
- > Explosion-proof version
- > Upgrade to Siemens motor
- > Swivel casters with brake
- > HEPA filter
- > Filter cartridge version

• Product Description

VH series are high efficiency fume extractors with multiple filtration system; very ideal for the air purification of smoke and fumes in laser and related processing.

VHX series are highly efficient welding fume extractors with 3-stage filter system; very ideal for the fume and dust extraction in the soldering process of the circuit boards and electronic industry.

• Applications

VH Series: Low power laser welding, cutting, engraving and other laser processing in the auto industry, industrial automation, etc.

VHX Series: Welding (manual arc welding; gas shielded arc welding; argon arc welding, etc.) cutting, grinding, and other smoke purification applications.



• Features

- Filtration efficiency is 99.97%-99.99% at 0.3 microns with multiple filtration system.
- Large airflow, simple structure, economic space occupation, cost-saving and reliable.
- The brushless motor and excellent metal plate technology ensures long-lasting durability.
- Compact structure product including convenient 360 degree rotation suction arm for desirable positioning.
- The product uses the PWM controller, the air volume is variable, and it is practical, convenient and energy-saving.



VHX



VH

• Technical Parameters

Model	VHX-15J	VHX-15	VHX-15D	VH-400	VH-1000
Voltage (V / Hz)	220 / 50				
Power (W) / (HP)	135 / 0.18			400 / 0.55	1000 / 1.34
Rated current (A)	1.6			2.8	6.8
Max air flow (m ³ /h) / (CFM)	200 / 118			257 / 152	600 / 353
Max air pressure (Pa) / (mmH ₂ O)	2500 / 255	3200 / 326	3200 / 326	3500 / 357	7000 / 714
Noise dB (A)	60±2			60±2	67±2
Air inlet Dia. (mm) / (in)	∅ 50 / 2.0	∅ 50 / 2.0	2*∅ 50 / 2	∅ 50 / 2	∅ 100 / 4
Filter efficiency	>99%				
Dimensions [LxWxH] (mm) / (in)	320*300*460 / 12.6*11.8*18.1			550×530×1050 / 21.7*20.9*41.3	550×700×1300 / 21.6*27.5*51.2
Weight (kg) / (lb)	20 / 44	20 / 44	22 / 48.5	65 / 143	85 / 187

*Note: The mentioned values of Airflow and the Pressure may vary slightly with change in air inlet size. It is normal that the current value may fluctuate in a small range Voltage and frequency will affect the current value