

# VH-T/VHT Series

Filter Cartridge Type  
Fume Extractor



## • Product Description

VH-T series are highly efficient welding fume extractors with self-cleaning system, very ideal for the fume and dust disposal in the welding workshop or other similar working conditions.

VHT Series are also high efficiency welding fume extractors that are equipped with high efficiency filter cartridge. They are ideal for the fume and dust disposal in the soldering process of the circuit boards and electronic industry.

## • Applications

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

VHT: Smoke purification in single phase voltage working conditions. Such as the soldering, wave soldering, laser welding, sculpture, etc.



## • Optional Configurations

- > Stainless steel version
- > Multi tower light
- > Explosion-proof version
- > Odor removal version
- > Manual/ Self filter-cleaning version
- > Swivel casters with brake

## • Features

- The filter material is polyester with PTFE coated, which can filter 99.9% dust at 0.3 microns.
- The compact and portable product including a convenient 360-degree rotation suction arm for desirable positioning.
- VH-T: Pulse jet cleaning method for the filter makes machine to work continuously. User can set the pulse frequency depending upon the requirements.
- VH-T: Siemens motor and excellent metal plate technology ensures long-lasting durability.
- VHT: The high quality brushless motor and excellent metal plate technology ensures long-lasting durability.



## • Technical Parameters

Model	VHT-15S	VH-150T	VH-220T
Voltage (V / Hz)	220 / 50	380 / 50	
Power (W) / (HP)	135 / 0.18	1500 / 2.0	2200 / 3.0
Rated current (A)	1.6	3.4	4.8
Max air flow (m <sup>3</sup> /h) / (CFM)	220 / 129.4	1500 / 882	2200 / 1294
Max air pressure (Pa) / (mmH <sub>2</sub> O)	3200 / 326	1780 / 182	2000 / 204
Noise dB (A)	63±2	75±2	
Air inlet Dia. (mm) / (in)	Ø 50 / 2.0	Ø 150 / 6.0	Ø 150 / 6.0 (2pcs, Ø150/pcs)
Filter area (m <sup>2</sup> ) / (sq.ft)	1.8 / 19.4	10.0 / 12.0	15.0 / 18.0
Filter efficiency	>99%	>99%	
Dimensions [LxWxH] (mm) / (in)	320*300*520 / 12.6*11.8*20.5	700*750*1400 / 27.6*29.5*55.1	700*750*1600 / 27.6*29.5*63.0
Weight (kg) / (lb)	23 / 50.7	150 / 331	210 / 463

\*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.