

TIME & ECOLOGY
AMANO



Dust Collector for Laser Marker

VF-5HG

Definitive model for a laser marker dust collection

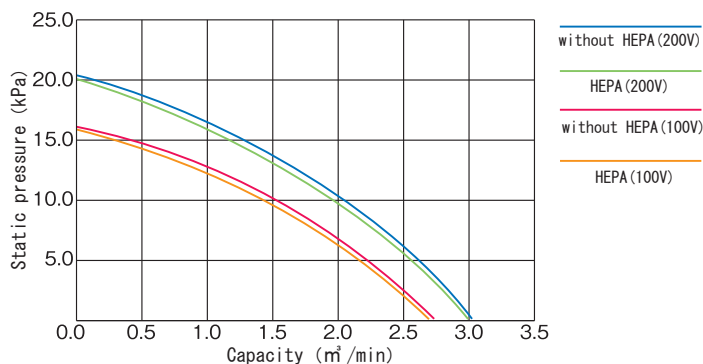
Long-lasting filter with automatic air volume control



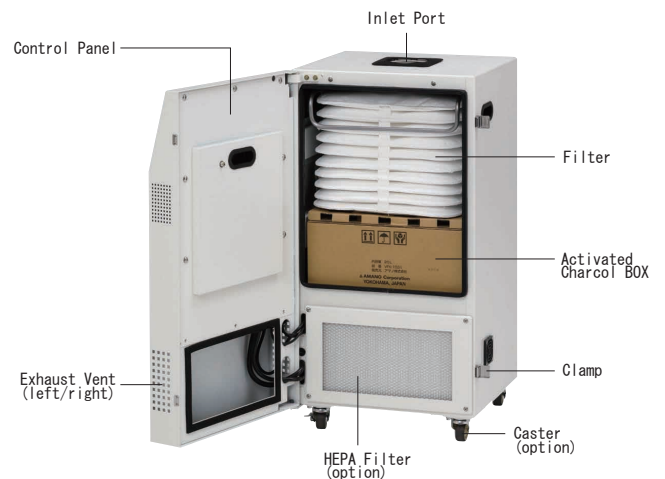
Specifications

Model		VF-5HG	
Power supply		3-phase 200V	Single-phase 100V
		50 or 60 Hz common use	
Motor	Output(W)	1100	875
	Type	Brushless blower motor	
Capacity (m ³ /min)/(cf/min)		3.0±0.3/106±10	2.8±0.3/99±10
Static pressure (kPa)		20±3.0	17±2.3
Noise (dB[A])		70±2 or less	
Filter	Area (m ²)/(sf)	2.3 / 24.7(Inner Filtration)	
	Capacity	Approx. 15L	
	Material	Electret	
	Capability	2.0 μm particle 99.9%	
	Quantity	1	
Deodorizer		Activated charcoal (20L[8.4kg])	
Power Cord (m)/(ft)		2.8 / 9.2 (without plug)	
Inlet duct		Sold separately (selectable from φ 38, φ 50, φ 65mm)	
W × D × H (mm) / (in)		440 × 488 × 798 / 17.3" × 19" × 31.4"	
Weight (kg)/(lbs)		78 / 172	
Option		HEPA filter (Collects over 99.97% of 0.3 μm particles)	
Ambient temperature(°C)/(°F)		5~40 / 41~104	
Allowable suction air temperature(°C)/(°F)		0~40 / 32~104	
Outer panel material		Steel: Paint finish (JPMA Y25-90A)	
		Stainless : Hairline Finish	
Operation control		Automatic air volume control (Adjustable range 0.4~2.2m ³ /min)	
Monitor Display		Static pressure display (filter and duct damage by pressure)	
Others		Remote control, 24 hours operation	

Performance curve



Internal design



For Your Safety

- Be sure to read the instruction manual thoroughly before getting started, and use the machine correctly.
- This product is designed to collect fumes that are created in laser markers.
- Do not suction the following materials:
 - Flammable materials... gasoline, thinner, benzene, kerosene, paint, etc.
 - Explosive materials... aluminum, magnesium, titanium, zinc, epoxies, etc.
 - Corrosive substances... hydrochloric acid, gas, chlorine, sulfuric acid, gas, hydrogen fluoride, etc.
 - Sparks... sparks, or dust that contains sparks
 - Fire remains... cigarette stubs, ashes, etc.
 - Other... Liquids including water, oil, chemicals and hazardous powder particles such as asbestos.
- If there is a danger of suctioning sparks when collecting flammable dust from polishing work and so forth, consult with your branch or sales office to select the appropriate model.
- This product is not an explosion-proof type. Do not install the machine at hazardous areas specified by laws.
- Do not operate the machine in areas exposed to mist, fumes or gases that are inflammable, explosive or corrosive.
- Please comply with regulations stipulated by laws and/or ordinances that are applicable to product installation.
- The ambient temperature range is from 5°C to 40°C.
- Be sure to ground the machine to protect against electric shock.
- Be sure to use pipes with the appropriate diameter and make them as short as possible according to dust collection conditions so that dust will not accumulate in them.
- Please perform daily and periodical maintenance work in accordance with instructions described in the operation manual. Please comply with regulations stipulated by laws and/or ordinances that are applicable to product maintenance.

Specifications and descriptions contained in this catalog may be subject to change without notice.

Please direct any questions to:

Digital data only

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