



Deodorizing Fume Collector

# VF-5HN

Remove harmful fume and odor generated at laser maker

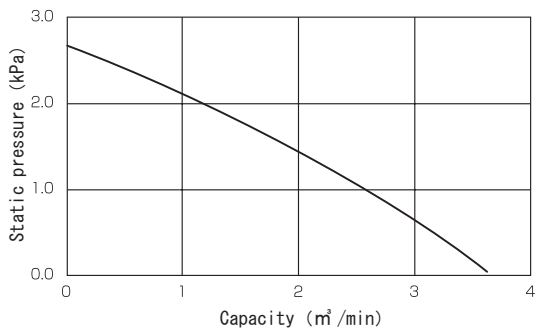
Both dust collection and deodorizing available



## Specifications

Model	VF-5HN	
Power supply	Single-phase 50 or 60Hz separate use	
	3-phase 50 or 60Hz separate use	
Motor Output (kW)	0.4	
Capacity (m <sup>3</sup> /min)/(cf/min)	3.6±0.2/127±7	
Static pressure (kPa)	2.65	
Noise (dB[A])	65±2 or less	
Filter	Type	Inner Filtration
	Area (m <sup>2</sup> )/(sf)	2.3 / 25
	Capacity (L)	15
	Quantity	1
	Material	Electret
Deodorizer	1 unit(20L), 10kg / 22lbs	
Power Cord (m)/(ft)	2.3 / 7.5	
Inlet Duct (Optional Accessories)	(in)	φ 2.6", φ 2.95", φ 3.9"
	(mm)	φ 65 , φ 75 , φ 100
W × D × H	(in)	15.7 × 15.7 × 30.7
	(mm)	400 × 400 × 780
Weight (kg)/(lbs)	53 / 116	
Remote Control	Option	
Option	Caster Stand, Outlet Duct	
Coating color	JPMA Y25—90A	

## Performance curve



## Internal design



Filter



Activated charcoal BOX

### Laser marker processing example



Paper packaging



Electronic components



Rating plate



Card

## 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 the fumes that are created in laser makers.
- 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.
  - Dust contains sparks... dust contains sparks generated from high speed cutting machines, grinders, and welding machines etc.
  - Fire remains... cigarette stubs, ashes, etc.
  - Other... water, oil, liquid chemicals, etc.
- If there is a danger of sactioning sparks when collecting flammable dust from polishing work and so forth, consult with your brand 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.
- Be sure to ground the machine to protect against electric shock.
- Please comply with regulations stipulated by laws and/or ordinances that are applicable to product installation.
- The ambient temperature range is from 0°C to 40°C.
- 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

**AMANO Corporation**

275 MAMEDO-CHO, KOHOKU-KU, YOKOHAMA,  
JAPAN 222-8558  
TEL.+81-45-439-1508 FAX.+81-45-439-1150  
Website: <http://www.amano.co.jp/English/>