

## VF-5HG Dust Collector for Laser Marker



VF-5H Dust collector developed to remove dust and unpleasant odors generated by laser markers. "Automatic air volume control" and "high pressure blower" make the filter last longer. Activated carbon strongly removes odors that are harmful to the human body.



Electret filter



Fumes



Deodorizing



Max. airflow

### Features:

The "Ace" among laser marking dust collectors.

- The automatic air volume control function of the high-pressure blower automatically adjusts the air volume to the best air volume at all times.
- Prevents the scattering of fume and dust, Improved work environment.
- Prevents fume from adhering to the product for quality control.
- Prevents workers from being exposed to odors by removing odor during the laser marking process.
- Protect the lens of laser markers from dust, prevention of dirt adhesion, and control print quality.



## Electret filter



Material: Polyester+polyethylene+polypropylene

Surface treatment: –

Corresponding models: VF-5HG and VF-5HN

Application: Fumes adhering during laser marking

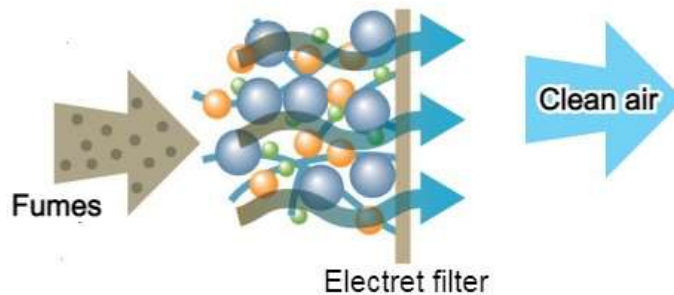
### Features

- Due to erect fibers on inner surface is not prone to clogging even from adhering fumes, also efficiently traps high percentage of tiny attached fumes by static electricity.
- Collecting efficiency: Very Good
- Heat resistant temperature (F): normal temperature 40°C (104°)
- Dust removal: None

## Good breathability



Electret filter has good dust collection performance and durability.



## Active carbon box



Active carbon remove unpleasant odors generated by laser markers.



## HEPA filter

The HEPA filter can collect 99.97% of 0.3 µm particles.

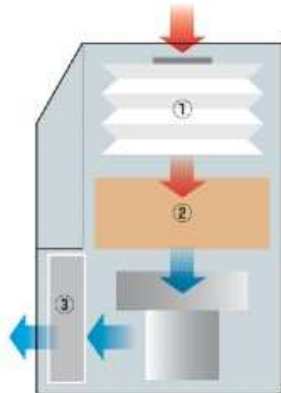


## Easy Maintenance

You can replace the filter and deodorant without using any tools.



## Dust and odor collection flow



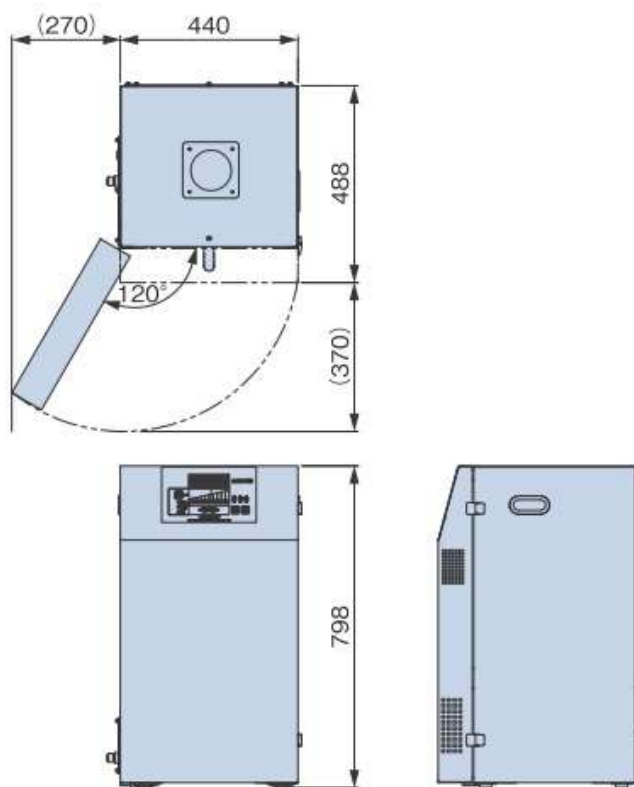
## Dust and odor Collection flow

1. Filter (inner surface filtration) Collects 99.9% of 2.0  $\mu\text{m}$  particles.
2. Deodorant (activated carbon) Adsorbs and deodorizes organic solvent-based odors.
3. HEPA filter (option) Collects 99.97% or more of 0.3  $\mu\text{m}$  particles.

## INTERNAL VIEW



## DIMENSION



Unit: mm

## APPLICATION

Laser marking process

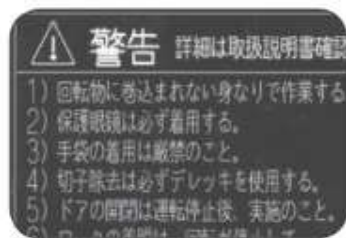




Paper Packaging



Electronic CMPT



Rating Plate

## SPECIFICATION

Particular	Unit	VF-5HG	VF-5HG
Power Supply	Volt	200	100
Frequency	Hz	60	60
Phase		3P	1P
Output	kw/hp	1.1/1.4	0.875/1.1
Max Airflow	m <sup>3</sup> /min	3.0±0.3	2.8±0.3
Max. Static Pressure	kPa	20±3.0	17±2.3
Filter Area	m <sup>2</sup>	2.3	2.3
Suction Port Ø	mm	65/75/100	65/75/100
Dimension (WxDxH)	mm	440x488x798	440x488x798
Weight	kg	78	78