



Hosoe Facility in JAPAN

Dust Explosion Pressure Diffusion Type Dust Collector

VF-2LD

Full preparation for toner collection

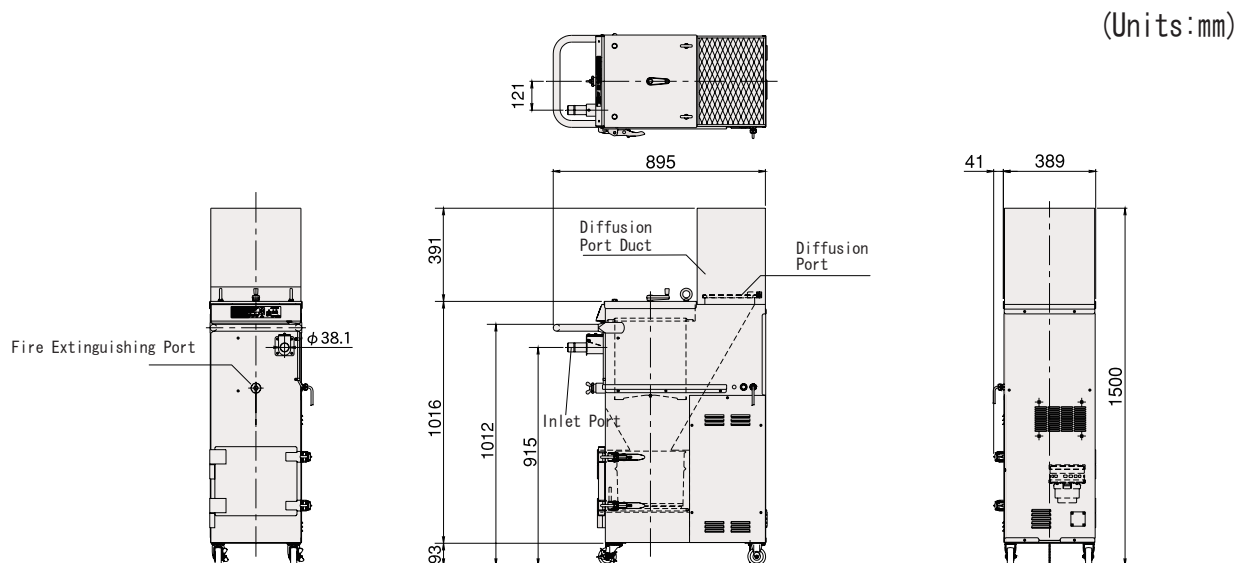
Best solution for toner collection with full power & continuous operation Energy saving model



Specifications

Model		VF-2LD	
Power supply		3-phase 200V 50Hz/60Hz common use	Single-phase 100V 50Hz/60Hz common use
Motor	Input (W)	1000	
	Type	Brushless blower motor	
W × D × H	(in)	17 × 35 × 38	
	(mm)	430 × 895 × 1500	
Weight (kg)		107	110
Power Code		10.3m (3.1 f) (PNCT 4core 1.25mm ²)	10.3m(3.1f) (PNCT 3core 1.25mm ²)
Capacity	(m ³ /min)	2.7 ± 0.3	2.5 ± 0.3
	(cf/min)	95 ± 10	88 ± 10
Static pressure (kPa)		20.0 ± 3.0	17.0 ± 2.3
Bucket capacity (L)		13	
Inlet Size(mm)		φ 38	
Noise (dB[A])		65 ± 2	
Ambient temperature (°C)/(°F)		0 ~ 40/32 ~ 104	
Allowable air temperature (°C)/(°F)		0 ~ 40/32 ~ 104	
Coating color		JPMA S11-344	

External view



For Your Safety

- Be sure to read the instruction manual thoroughly before getting started, and use the machine correctly.
- The collecting dust shall be limited to general particulates and combustible organic particulates, which are ensured the dust-collecting capability by a dust explosion risk assessment as well as with dust explosibility numerically expressed as follows.
Kst value (explosion index) : 300 × 10³ kPa·m/s or less
Pmax (max. explosion pressure) : 11 × 10³ kPa or less
- Do not suction the following materials:
 - Explosive metal materials... aluminum, magnesium etc.
 - Flammable materials... gasoline, thinner, benzene, kerosene, paint, etc.
 - Sparks... sparks, or dust that contains sparks
 - Fire remains... cigarette stubs, ashes, etc.
 - Other... water, oil, liquid chemicals, etc.
- Please evaluate a dust explosion risk every time the collecting combustible dusts are changed and ensure the dust-collecting capability before using the machine.
- We are not responsible for any determination of dust-collecting capability in case of a dust explosion risk remains unclear.
- Please consult with our branch office and sales office about dust explosion risk assessment.
- Dust explosion pressure diffusion type dust collector are designed to maintain conditions under which it is difficult for explosions to occur; however, they cannot completely prevent explosions.
- Exclude all combustibles from within the upper portion 4.7m high above the vent opening and instead, use incombustible materials in that area.
- 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 0°C to 40°C.
- Make sure to ground the machine all the time, regardless of operation state; being running, not running, or under maintenance.
- Conductive materials should be used in pipe arrangement such as hose and duct and meet a requirement of resistant value 10⁶ Ω cm or less.
- Make sure to ground the machine and remove the static electricity of an operator when shaking the dusts off the filter and disposing of the dusts.
- Do not take out a bucket immediately after shaking dusts off a filter.
- 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.
- Note
 - Dispose of collected dusts on a daily basis and do not allow the dusts to accumulate in a bucket.
 - Dust pack is not available for prevention of static charge.
 - The machine is unusable once an explosion occurs.

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

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