

FPV-2S All stainless-steel body small size high pressure dust collector



This High pressure, small, and portable Sanitary Dust Collector unit provides dust extraction from bag dump stations, powder filling stations, and other dust spillage areas. It is used in conjunction with a high-power blower and filter box uniquely designed.



Molded filter



Resin filter



Pulse jet



Fine powder

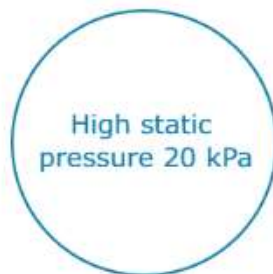


Max. airflow

Features:

High pressure, small and portable Sanitary Dust Collector

- Small and powerful
- Compact yet powerful with a static pressure of 20 kPa
- Can be washed with water! Easy to clean
- The inside of the filter box and the resin filter can be washed with water.





High pressure, small and portable Sanitary Dust Collector

Material: High molecular weight polyethylene

Surface treatment: Polyethylene sintering

Corresponding models: IX, IXR, FPV, FP-N and FPV-2S

Application: Toner fine powder (particle size 10µm or less)

Features

For fine powders such as toner.

Water-washable

Collecting efficiency: Very Good, Particle size 10µm or less

Heat resistant temperature (F): Normal temperature 40°C (104°)

Dust removal: Pulse jet

Material: Polyester

Surface treatment: –

Corresponding models: FPV-2S

Application: General dried particles (particle diameter about 10µm)



Various filter is available

- The inside of the filter box and the resin filter can be washed with water.
- Cleaning work is easy because the filter box can be separated easily by removing the catch clip Sanitary to prevent powder accumulation

20kPa powerful blower

Strong suction force with a maximum static pressure of -20kPa (three-phase 200V).

Suction control manual 6 steps. External 16 speed. •

By incorporating a line filter in the blower box, contamination of the blower inside due to improper mounting of the dust collection filter is prevented.

An exhaust HE PA BOX can be installed as an option.



Easy Cleaning



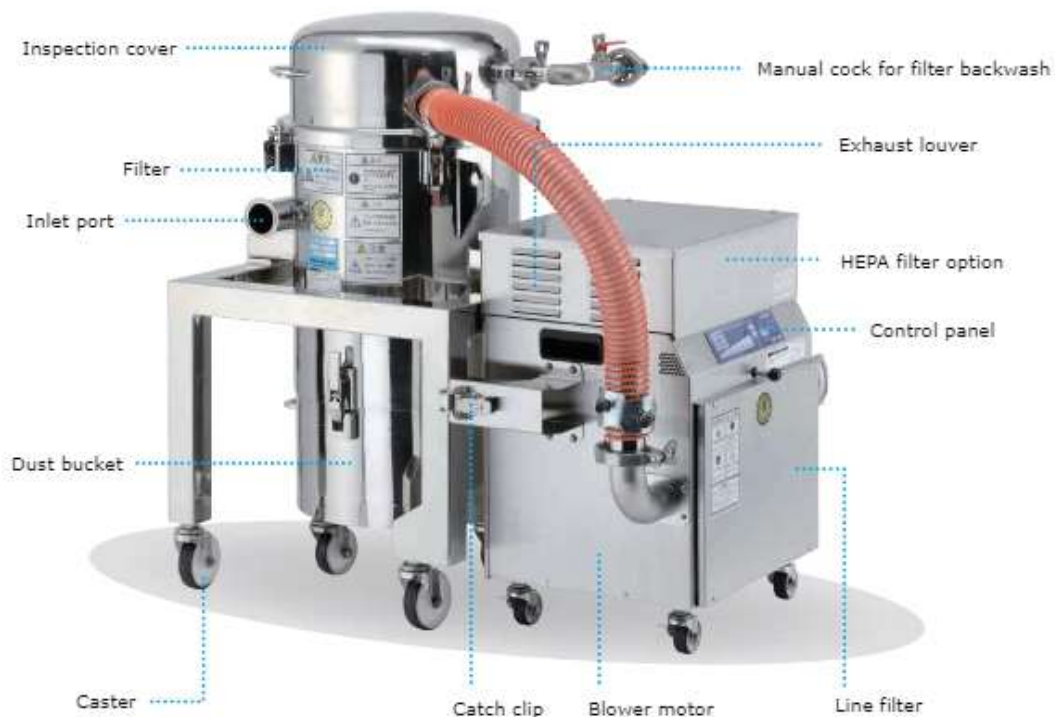
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Hygienic handling

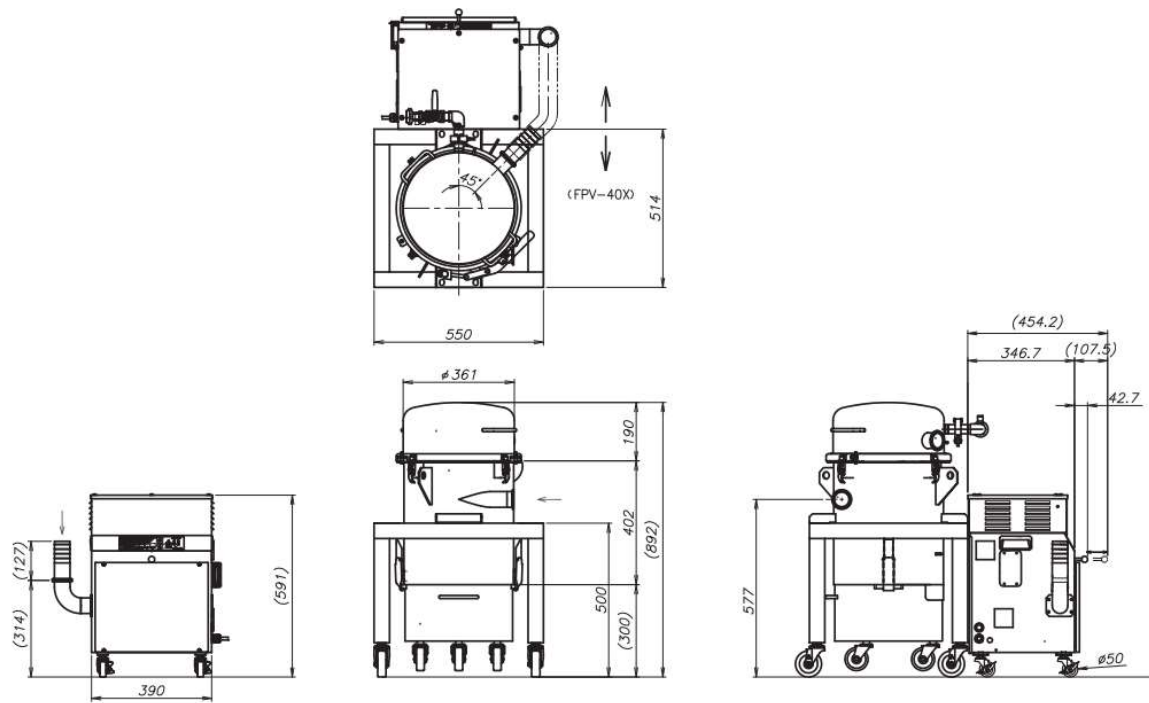


- Main body ALL SUS304 Circular filter BOX Achieves high cleaning performance by adopting continuous welding of powder contact part. Easy connection / disconnection with blower BOX with hose ferrule clamp.

Internal View



Dimensions



Application



Stick filling, tableting, tablet counting, capsule filling Process

SPECIFICATIONS

FPV-2S Filter Unit

Power supply	unit	3-phase 50/60Hz common use
Filter Area	m2	1.07
Filter Quantity		9
Filter Shape		Molded cartridge
Dust removal		Manual pulse jet
Bucket capacity	L	14
Suction port diameter		IDF standard ferrule 2S
Exhaust diameter		IDF standard ferrule 2S
Dimensions		
W×D×H	mm	550×514×892
Material surface treatment		SUS304 equiv. inner/outersurface buff#400

**FPV-2S Blower
Unit**

Power supply	unit	3-phase 50/60Hz common use
Output	kW	1
Blower motor		Brushless blower motor
Max. airflow	m ³ /min	2.7±0.3
Max. static pressure	kPa	20.0±3.0
Filter Area	m ²	0.67
Filter Quantity	pcs	1
Filter Shape		Molded cartridge
Filter Material		Polyester Spunbond
Dust removal		Manual shaking type
Bucket capacity	L	2.2
Recommended breakers	A	10
Power cord	m	2.8 (4-core, without plug)
Dimensions W×D×H	mm	395×342×591
Weight	kg	
Material		Exterior and coupling section are SUS304