- **PiF-15/30/45/60 – Intelligent Dust Collector –**

Amano Puls Jet dust collectors PiF series are fully automated functions and dependable operation for any type of dust collection applications such as cutting, drilling, mixing, loading, and many other works. It suite for the automotive industry, chemical manufacture, electronic manufacture, and many other industrial applications.

Features:

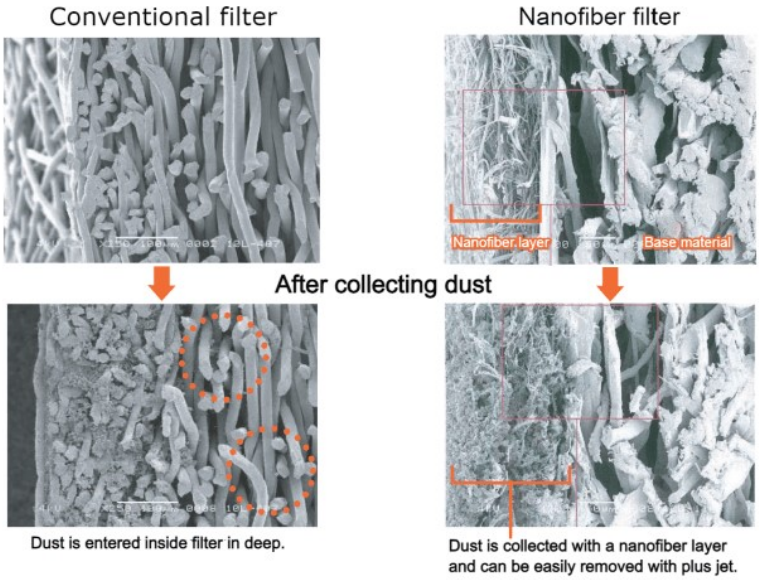
- **Energy and Space Saving Pulse Jet Type Dust Collector**
- **Auto Pulse Jet Dust removal**
- **24/7 Operation**
- **High Efficiency Motor.**
- **Comes with inverter that automatically adjust the speed and longer filter life.**
- **With differential pressure sensor.**
- **With data logging function.**
- **Can be integrate with machine on/off.**

- **Molded cartridge filter**

Material: Polyester
Surface treatment: –
Corresponding models: PiF
Application: General dried particles

Features
- Collecting efficiency: Good, For dust having a particle diameter of about 10μm.
- Heat resistant temperature (F) : Normal temperature 40˚C (104˚)
- Dust removal: Pulse jet

Nanofiber filter option without extra cost
- The nanofiber filter area has a about 2.5 times lager than standard filter.
- Dust is collected with a nanofiber layer and can be easily removed with plus jet.
- By large filter area and reducing the filter filtration speed, that make life of filter loneger than ever.
- Nanofiber has self-extinguishing function, it prevents fire from dust collector



Automatically controls the fan speed
Built-in inverter automatically operates with the set value of air volume. (Fixed motor rotation speed is also possible)

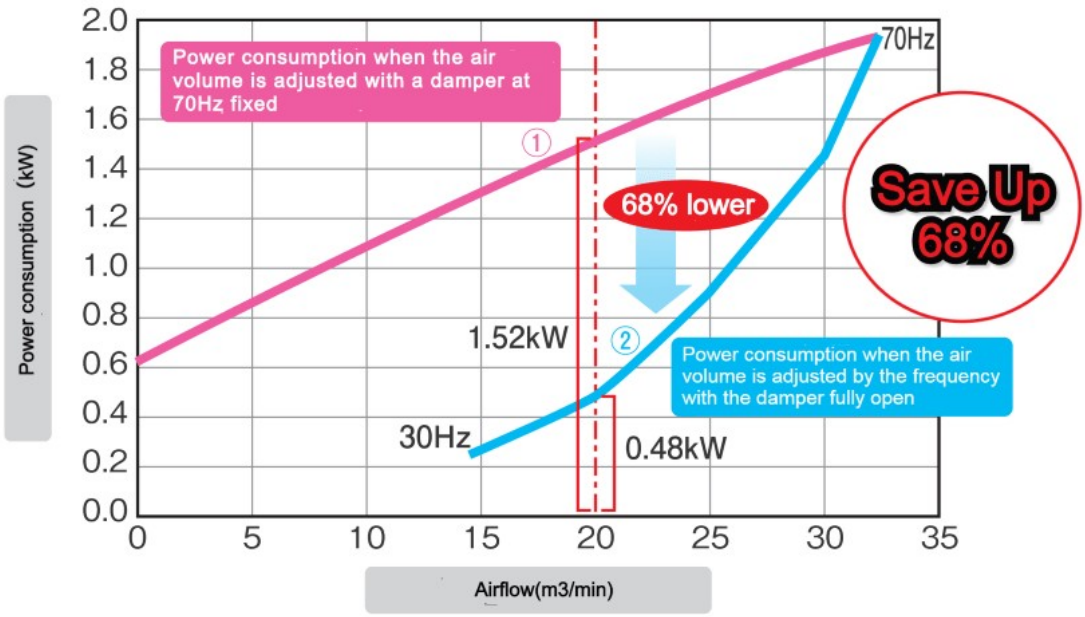
Automatic pulse jet
Automatically start puls jet for filter cleaning

Remote control
Remote control function allows PiF star to operate automatically.

Automatic data logging
QR code will be displayed and get error and operation history. it can be retrieved as CSV data.

Automatically notify the status of the filter condition
The condition (differential pressure) of the filter is displayed on the LCD as an icon.

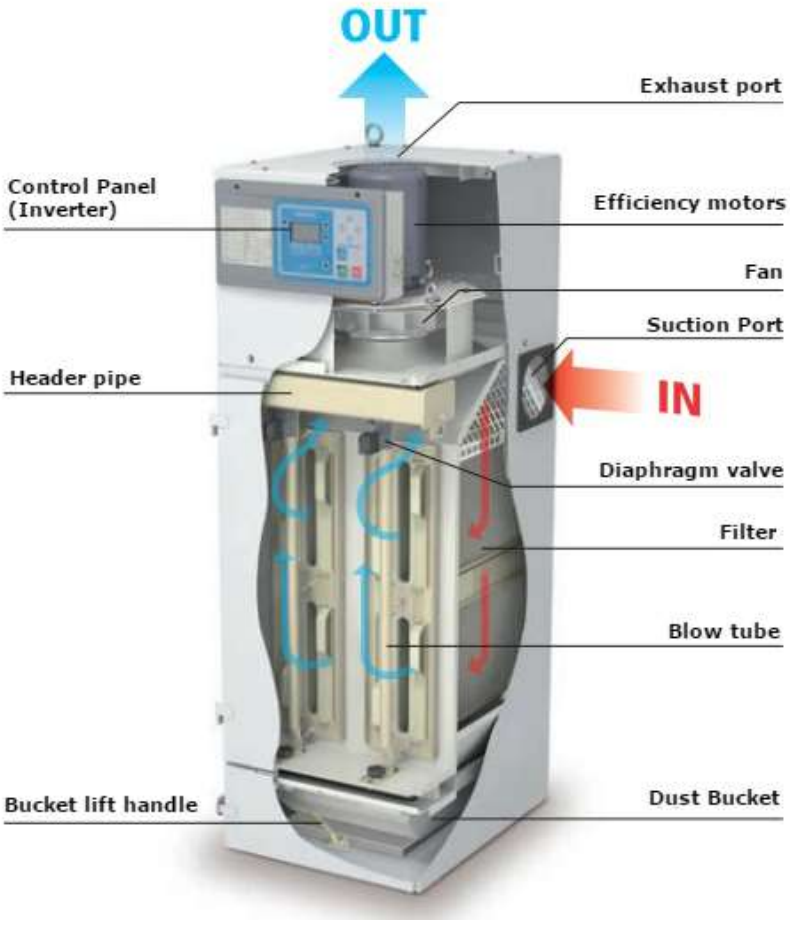
Inverter saves power consumption up to 65%
Use Inverter for airflow control, you can save power consumption up to 65%



- Larger filter Area

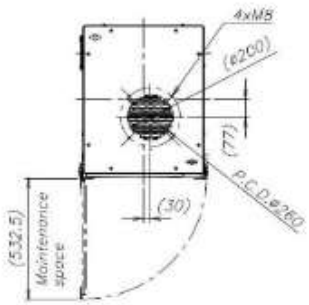
Filter area is 1.3 times larger than previous model

- Internal Structure

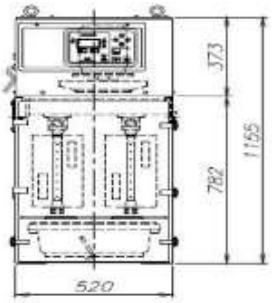


- **EXTERNAL DIMENSION**

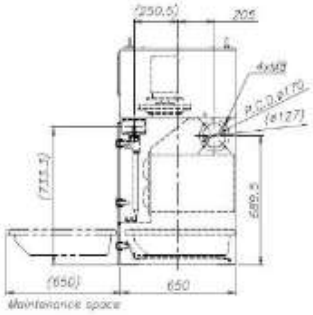
PiF-15 (Top View)



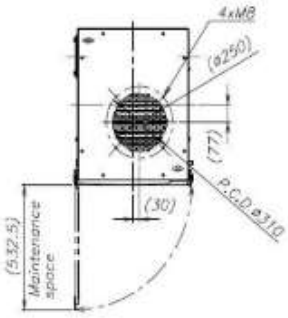
PiF-15 (Front View)



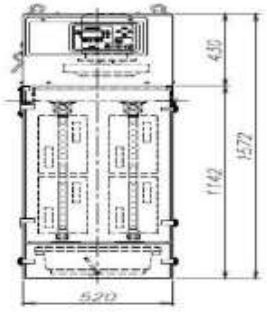
PiF-15 (Side View)



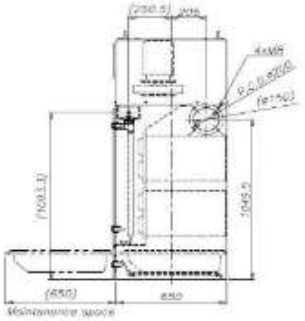
PiF-30 (Top View)



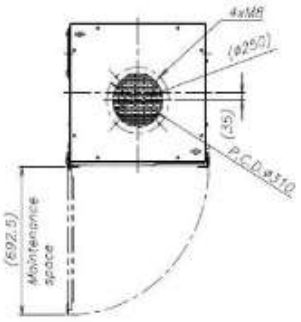
PiF-30 (Front View)



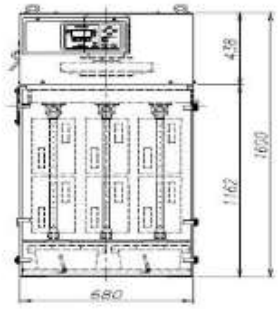
PiF-30 (Side View)



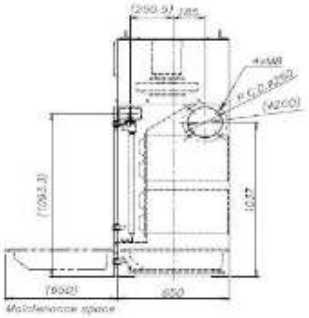
PiF-45 (Top View)



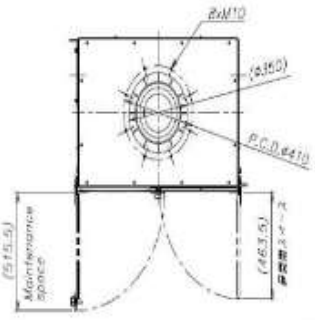
PiF-45 (Front View)



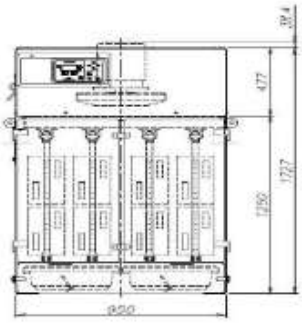
PiF-45 (Side View)



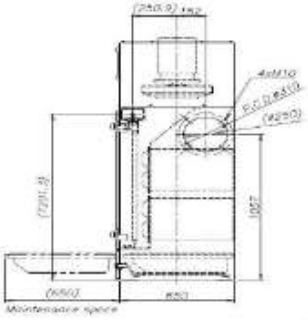
PiF-60 (Top View)



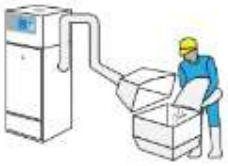
PiF-60 (Front View)



PiF-60 (Side View)



- APPLICATION



Powder loading work

Bag filing work

Pneumatic Conveying loading

Metal machining work

Electronic comp mfg work

Auto Machine Tool

SPECIFICAION

Particular	Unit	PiF-15	PiF-30	PiF-45	PiF-60
Power Supply	Phase|Volt|Hz	3Ø|200/220|50/60	3Ø|200/220|50/60	3Ø|200/220|50/60	3Ø|200/220|50/60
Output	kw/hp	0.6/0.8	1.35/1.8	2.0/2.6	3.1/4.1
Airflow	m^3/min	10	20	30	40
Static Pressure	kPa	1.80	2.06	1.96	2.26
Suction Port Ø	mm	127	150	200	250
Dimension (W x D x H)	mm	520 x 650 x 1155	520 x 650 x 1572	680 x 650 x 1600	950 x 650 x 1727
Weight	kg	125	160	205	305