

FD-10-Dust Collector for welding work



A small mobile welding fume collector with a built-in fire extinguisher mechanism for enhanced safety. Designed to be less likely fire, clog filter and leak dust. It can be moved freely with a small body and casters, and is equipped as standard with a swing arm that can be moved freely in an area with a radius of 1.7M.



Molded filter



Manual shaking
type



Fumes



Max. airflow



Premium
efficiency motor

Features:

MOVABLE TYPE FUME COLLECTOR

- Function to prevent sparks-sputter from going into filter box.
- The sparks contained in the aspirated air are extinguished when passing through "fire fighting swirling flow mechanism" and the fumes are collected by the dust collecting filter of the latter stage.
- Duct can be freely moved in a radius of 1.7 m.
- You can reliably collect dust at the optimum position.
- You can move freely to work place with small body and caster.

For welding
works

Movable
and has a
swing arm

Fire
extinguishing
mechanism

Nanofiber filter



Material: PET blend cellulose
Surface treatment: Nanofiber film laminate
Corresponding models: FD-10
Application: Dried fine particles and fumes

Features

- Noncombustibility
- For dried fine particles (particle diameter 10µm or less) Flame retardance
- Collecting efficiency: Very Good, Particle diameter 10µm or less
- Heat resistant temperature (F): normal temperature 40°C (104°)
- Dust removal: Vibration



Freely move! Movable fume collector

- Duct wish hood can be freely moved in a radius of 1.7 m.
- You can move freely to work place with small body and caster.
- You can reliably collect dust at the optimum position.



Fire fighting swirling flow mechanism

The sparks contained in the aspirated air are extinguished when passing through "fire fighting swirling flow mechanism" and the fumes are collected by the dust collecting filter of the latter stage



FD-10 Filter



Standard Filter

Flame retardance filter

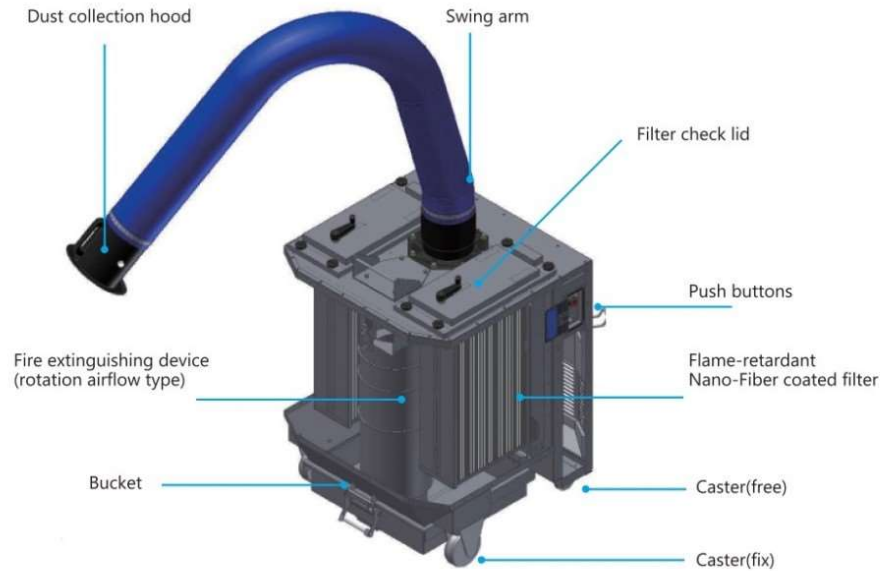
The filter is a flame retardant material composed of synthetic cellulose and polypropylene.



Large filtration area

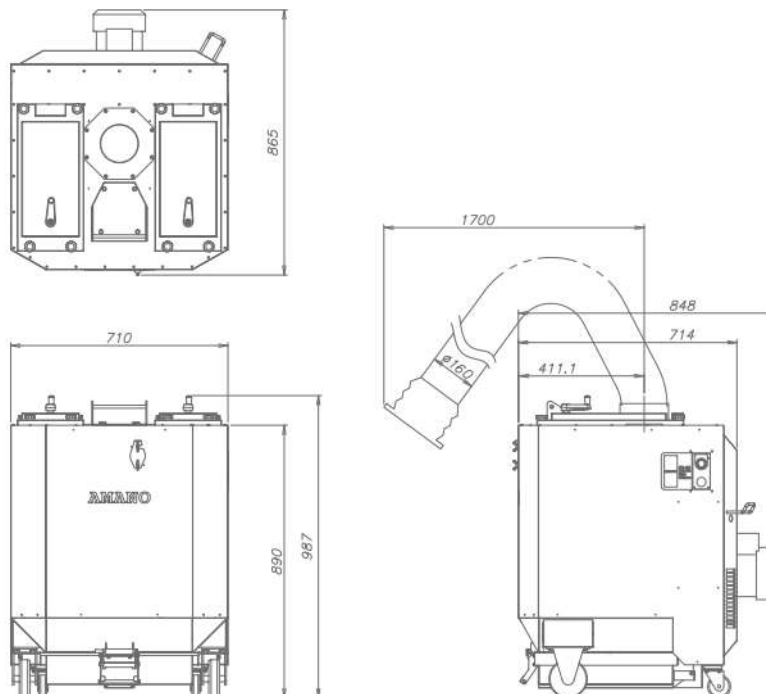
The nanofiber-coated filter has a compact size but comes with a large filtration area, fine welding fumes can be reliably collected

Internal Structure



External View

Unit:mm



SPECIFICATION

Particular	Unit	FD-10
Power Supply	Volt	220
Frequency	Hz	60
Phase		3P
Output	kw/hp	0.75/1
Max Airflow	m ³ /min	9.0
Max. Static Pressure	kPa	2.5
Filter Area	m ²	20
Suction Port Ø	mm	160
Dimension (WxDxH)	mm	710x868x985
Weight	kg	152