



FRED MINI-VAC II

COMPACT FUME EXTRACTOR



* Selected Models



The FRED Mini-Vac II is the industry's most powerful, reliable, and convenient to use portable fume extractor - now with high/low modes for maximum performance. The dual motor design allows the welder to switch on just one motor for typical light duty work, and switch on a second motor for more demanding applications.

The ability to switch between high and low modes empowers the operator choose between a higher capture range and less time spent re-positioning with two motors running and a quieter running, lower capture range with one motor running.

Welding in the field or confined spaces requires a portable fume extractor that people will actually use.

Benefits:

- Protect your breathing zone by filtering harmful weld fumes with high efficiency nanofiber technology
- Meet and exceed North American safety standards, including OSHA, for weld fume capture-at-source

Features:

- Designed for light-medium duty welding
- Attaches quickly to MiG Fume Extraction Guns
- Lightweight, exceptionally portable design
- Nanofiber MERV 15 Filter Cartridge
- Magnetic nozzle base for secure nozzle placement
- Filter service indicator

Options:

- HEPA primary filter - 99.97% @ 0.3 micron
- Spunbond Polyester Filter Cartridge (washable)
- Auto on/off Fume Extraction Gun Kit





Standard Filter

NANOTECH XV

MERV 15 efficient cartridge filter captures particles at the submicron level, and surface-loading technology allows dust to be easily dislodged during cleaning with compressed air.



S-MV2-0001

EFFICIENCY: MERV 15
 FILTER MEDIA: NANOFIBER
 MEDIA AREA: 55 SQ.FT.
 COATING: FIRE RETARDANT
 END CAP: OPEN/CLOSED
 CLEANING METHOD: COMPRESSED AIR
 MAX TEMP: 180° F / 82° C
 FLANGE: NONE

Optional Filters

POLYTECH XI

High strength, high efficiency (MERV 11) cartridge filter made from 100% spun-bond polyester that lowers costs, by allowing for water-based cleaning of captured contaminants.



S-MV2-0002

EFFICIENCY: MERV 11
 FILTER MEDIA: SPUNBOND POLY
 MEDIA AREA: 44 SQ.FT.
 COATING: FIRE RETARDANT
 END CAP: OPEN/CLOSED
 CLEANING METHOD: AIR + WATER WASH
 MAX TEMP: 180° F / 82° C
 FLANGE: NONE

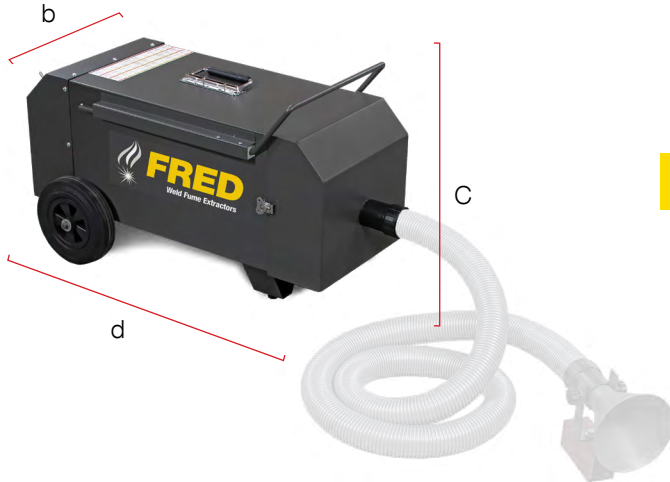
HEPA

MERV 17 efficient cartridge filter captures particles at the submicron level, it provides the highest level of filtration efficiency 99.97% at 0.3 micron.



S-MV2-0003

EFFICIENCY: MERV 17
 FILTER MEDIA: HEPA
 MEDIA AREA: 40 SQ.FT.
 COATING: NONE
 END CAP: OPEN/CLOSED
 CLEANING METHOD: DISPOSABLE
 MAX TEMP: 180° F / 82° C
 FLANGE: NONE



IMPORTANT : If your equipment was purchased after November 15, 2018, a Replacement Filter Card, featuring filter details and simple instructions to easily order replacement filters, will be located on the filter door.

Dimensions **

Model	Filter Type	Cord Length (ft.)	Hose Length (ft.)	Product Dimensions (in.)		
				Width [b]	Height [C]	Length [d]
FRED Mini-Vac II compact welding fume extractor						
MINI-VAC2-010N1	Nano-Fiber	6	10	16.5	18.5	35.5
MINI-VAC2-010H1	HEPA	6	10	16.5	18.5	35.5
MINI-VAC2-010P1	Poly	6	10	16.5	18.5	35.5

** Product dimensions are based on base-models and may vary depending on selected product features. Please contact us for an accurate shipping quote.

Technical Specifications

Model	Motor (H.P.)	Airflow (CFM)	Input Power				Net Weight (lbs.)	Noise @5ft (dB)
			Phase	(volts)	(hz)	(amps)		
FRED Mini-Vac II compact welding fume extractor								
MINI-VAC2-010N1	1.0HP x 2	105/210	1	120	60	16.0	48	68/77

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