



FRED SR

SELF CLEANING PORTABLE FUME EXTRACTOR



With 10' capture arm
1200 - 1800 CFM

* Selected Models



This professional grade fume extractor is the industry standard for eliminating smoke, dust and other unbreathables from the air. The powerful blower features a high face-velocity, removing particulate as small as 0.5 micron with our standard MERV 15 rated Nanofiber filter.

Our patented Injection Self-Cleaning System (ICS-360) reduces total cost of ownership by extending filter life expectancy, improving aggregate filter efficiency, and making routine service faster & easier.

Benefits:

- Automatic Filter Cleaning makes service easy
- Compact, portable and easy to operate
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling weld fumes

Features:

- Flexible 10' externally articulated capture arm
- ICS-360 Injection Self-Cleaning System
- 21" easy-to-service Nanofiber filter (MERV 15)
- Rotary starter with 15' power cord & casters

Options:

- Flexible externally articulated capture arm 6.5', 10', or 13'
- 3.0 HP 1800 CFM High-Static Motor [230/460/575V 3PH]
- Odor Absorption Kits
- Minihelic Gauge
- Spunbond Polyester Filter Cartridge (washable)
- Afterfilter module, with HEPA Filter
- Hood mounted LED light kit





Primary Filters

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-SR-21NF

EFFICIENCY: MERV 15
 FILTER MEDIA: NANOFIBER
 MEDIA AREA: 190 SQ.FT.
 COATING: FIRE RETARDANT
 END CAP: OPEN/CLOSED
 CLEANING METHOD: COMPRESSED AIR
 MAX TEMP: 180° F / 82° C
 FLANGE: NONE

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-SR-21PT

EFFICIENCY: MERV 11
 FILTER MEDIA: SPUNBOND POLY
 MEDIA AREA: 105 SQ.FT.
 COATING: FIRE RETARDANT
 END CAP: OPEN/CLOSED
 CLEANING METHOD: AIR + WATER WASH
 MAX TEMP: 180° F / 82° C
 FLANGE: NONE

Secondary Filter

HEPA

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



S-SR-1009

EFFICIENCY: 99.97% AT 0.3 MICRON
 FILTER MEDIA: HEPA
 MEDIA AREA: 24" x 36" x 5-7/8"
 COATING: NONE
 END CAP: OPEN/CLOSED
 CLEANING METHOD: DISPOSABLE
 MAX TEMP: 175° 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	Arm Length (ft.)	Arm Diameter (in.)	Net Weight (lbs.)	Product Dimensions (in.)		
				Width [a]	Height [C]	Length [b]
FRED-SR with externally articulated capture arm						
FRED-SR	10	6	285	32.5	115	33
	13	6	290	32.5	128	33

** 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.)	Phase (hz)	Power				Airflow (CFM)	Cord Length (ft.)	Arm Length (ft.)
			@120V (amps)	@230V (amps)	@460V (amps)	@575V (amps)			
FRED-SR with externally articulated capture arm									
FRED-SR	1.5	1P/60Hz	13.2	---	---	---	1200	15	10/13
	3.0	3P/60Hz	---	7.1	3.7	3.2	1800	---	10/13
	5.0	3P/60Hz	---	13.0	6.5	5.2	2500	---	10/13

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