

# 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 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.



10002976

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.



10002917

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.



10002925

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.)	Product Dimensions (in.)		
			Width [a]	Height [C]	Length [b]
<b>FRED-SR with externally articulated capture arm</b>					
FRED-SR	10	6	32.5	115	33
	13	6	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.)	Power					Airflow (CFM)	Cord Length (ft.)	Arm Length (ft.)
		Phase (hz)	@120V (amps)	@230V (amps)	@460V (amps)	@575V (amps)			
<b>FRED-SR with externally articulated capture arm</b>									
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

### HEAD OFFICE

3200 rue Guénette  
 Saint-Laurent, QC, Canada  
 H4S 2G5



Part of Absolent  
 Air Care Group

1-800-361-3733  
 info@diversitech.ca  
 www.diversitech-air.com  
 www.diversitech.ca