



With two 10'  
capture arms  
2500 CFM

This professional grade fume extractor is the industry standard for eliminating smoke, dust and other unbreathables from the air. A 2500 CFM, 5HP blower ensures a high face-velocity across two independently movable capture arms, 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:**

- Dual, 10" Externally Articulated Extraction Arms
- 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'
- 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

**Safety note :** units are not designed to collect possible explosive dusts such as aluminum, magnesium, wood chips or similar.  
 DO NOT COLLECT EXPLOSIVE DUSTS IN THIS UNIT.

**Dimensions \*\***

Model	Arm Length (ft.)	Arm Diameter (in.)	Net Weight (lbs.)	Product Dimensions (in.)		
				Width [a]	Height [C]	Length [b]
<b>FRED-SR2 Portable Fume Collector with two externally articulated capture arms</b>						
FRED-SR2	10 (x2)	6 (x2)	297	32.5	102	33
	13 (x2)	6 (x2)	302	32.5	111	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)			
<b>FRED-SR2 Portable Fume Collector with two externally articulated capture arms</b>									
FRED-SR2	5.0	3P/60Hz	---	13.0	6.5	5.0	2500	---	10/13

**HEAD OFFICE**  
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