



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 10' or 13'
- Odor Absorption Kits
- Minihelic Gauge
- Spunbond Polyester Filter Cartridge (washable)
- Afterfilter module, with HEPA Filter
- Hood mounted LED light kit



**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             | Arm               | Product Dimensions (in.) |               |               |
|---|-----------------|-------------------|--------------------------|---------------|---------------|
|   | Length<br>(ft.) | Diameter<br>(in.) | Width<br>[a]             | Height<br>[C] | Length<br>[b] |
| FRED-SR2 Portable Fume Collector with two externally articulated capture arms |                 |                   |                          |               |               |
| FRED-SR2  | 10 (x2)         | 6 (x2)            | 32.5                     | 102           | 33            |
|   | 13 (x2)         | 6 (x2)            | 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<br>(H.P.) | Power         |                 |                 |                 |                 | Airflow<br>(CFM) | Cord<br>Length<br>(ft.) | Arm<br>Length<br>(ft.) |
|---|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------------|------------------------|
|   |                 | Phase<br>(hz) | @120V<br>(amps) | @230V<br>(amps) | @460V<br>(amps) | @575V<br>(amps) |                  |                         |                        |
| FRED-SR2 Portable Fume Collector with two externally articulated capture arms |                 |               |                 |                 |                 |                 |                  |                         |                        |
| FRED-SR2  | 5.0             | 3P/60Hz       | ---             | 13.0            | 6.5             | 5.0             | 2500             | ---                     | 10/13                  |

## 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

## HEAD OFFICE

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