



**DIVERSITECH**  
air pollution solutions

**Total Air/Energy  
SOLUTIONS**  
Technology • Efficiency • Performance



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# Fred<sup>SR2</sup>

## Dual Arm Fume Extractor



**Fred SR2**  
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:

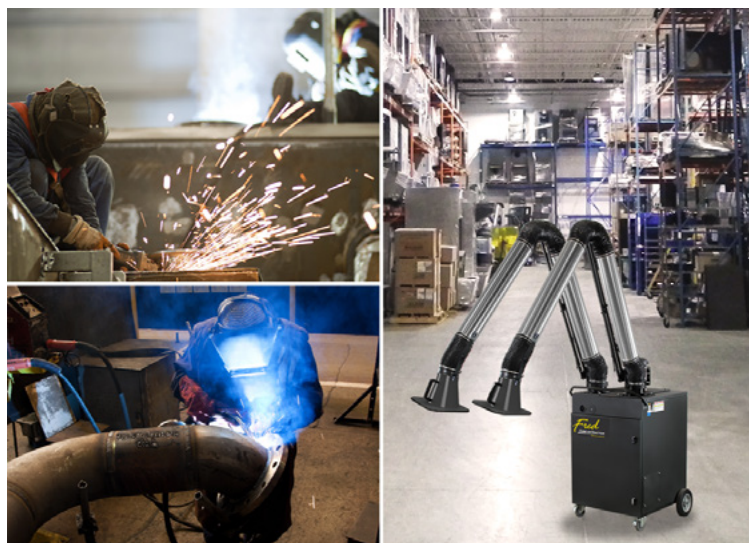
- Compact, portable and easy to operate
- Automatic filter cleaning makes service easy
- Capture-at-source for Cleaner air
- Complies with OSHA guidelines for controlling weld fumes

### Features:

- Dual, 10" Externally Articulated Extraction Arms
- ICS-360 Injection Self-Cleaning System
- 21" Easy-to-Service Cartridge Filter

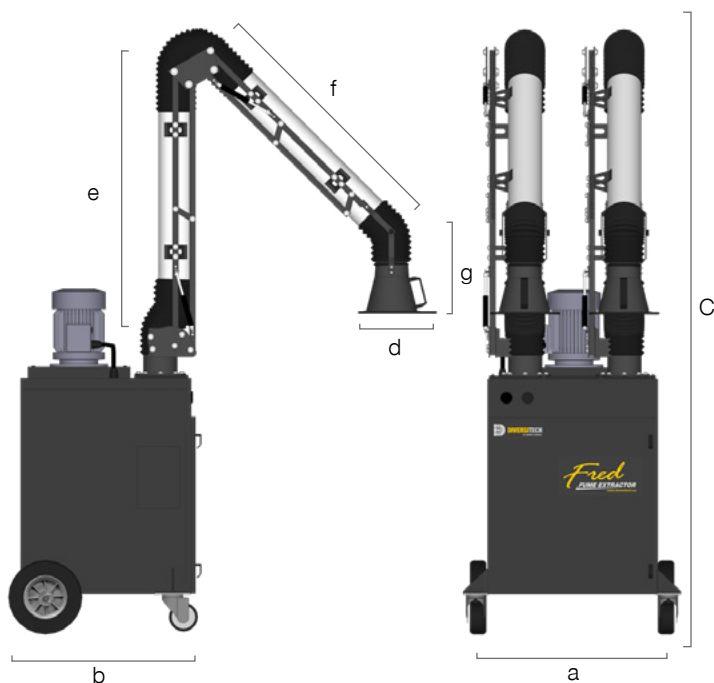
### Options:



- Flexible externally articulated capture arm 6.5', 10', or 13'
- Automatic self-positioning, Fume Tracker™ capture arm
- Odor Absorption Kits
- Minihelic Gauge
- Spunbond Polyester Filter Cartridge (washable)
- After-filter module, with HEPA Filter
- Hood mounted LED light kit



**WELDING • GRINDING • SANDING • DEBURRING**

[www.diversitech.ca](http://www.diversitech.ca)



| <b>NANOTECH XV</b>  |   | <b>POLYTECH XI</b>   |  |
|---|---|--|--|
|   |   |   |  |
| MERV 15 efficient cartridge filter captures particles at the submicron level, and soft surface-loading technology allows dust to be easily dislodged during cleaning with compressed air. |   | 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. |  |
| EFFICIENCY:<br>FILTER MEDIA:<br>MEDIA AREA:<br>COATING:<br>END CAP:<br>CLEANING METHOD:<br>MAX TEMP:<br>FLANGE:   | MERV 15<br>NANOFIBER<br>190 SQ.FT.<br>FIRE RETARDANT<br>OPEN/OPEN<br>COMPRESSED AIR<br>180° F / 82° C<br>NONE | EFFICIENCY:<br>FILTER MEDIA:<br>MEDIA AREA:<br>COATING:<br>END CAP:<br>CLEANING METHOD:<br>MAX TEMP:<br>FLANGE:  | MERV 11<br>SPUN-BOND POLY<br>105 SQ.FT.<br>FIRE RETARDANT<br>OPEN/OPEN<br>AIR + WATER WASH<br>180° F / 82° C<br>NONE |

## Technical Specifications

| Model   | Motor<br>(H.P.) | Power         |                 |                 |                 | Airflow<br>(CFM) | Cord            | Arm             |
|---|-----------------|---------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|
|   |                 | Phase<br>(hz) | @230V<br>(amps) | @460V<br>(amps) | @575V<br>(amps) |                  | Length<br>(ft.) | Length<br>(ft.) |
| 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           |

## Dimensions

| Model   | Arm Length<br>(ft.) | Arm Diameter<br>(in.) | Net Weight<br>(lbs.) | Product Dimensions (in.) |            |            |     |     |     |      | Shipping Dimensions (in.) |        |        | Gross Weight<br>(lbs.) |
|---|---------------------|-----------------------|----------------------|--------------------------|------------|------------|-----|-----|-----|------|---------------------------|--------|--------|------------------------|
|   |                     |                       |                      | Width [a]                | Height [C] | Length [b] | [d] | [e] | [f] | [g]  | Width                     | Height | Length |                        |
| FRED-SR2 Portable Fume Collector with two externally articulated capture arms |                     |                       |                      |                          |            |            |     |     |     |      |                           |        |        |                        |
| FRED-SR2  | 10 (x2)             | 6 (x2)                | 297                  | 32.5                     | 102        | 33         | 13  | 60  | 34  | 18.5 | 42                        | 90     | 55     | 357                    |
|   | 13 (x2)             | 6 (x2)                | 302                  | 32.5                     | 111        | 33         | 13  | 60  | 60  | 18.5 | 42                        | 90     | 55     | 362                    |

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