



With 10' capture arm  
1200 - 1800 CFM

\* Selected Models

# FRED JR

PORTABLE FUME EXTRACTOR



Keeping your worker's breathing zone safe requires a capture-at-source extractor they will actually use. Designed to be moved and positioned effortlessly, the FRED Jr. excels at removing weld fumes, dusts, and other airborne contaminants as small as 0.5 micron with our MERV 15 rated Nanofiber filter.

The capture arm's external articulation is key to easy positioning, as smoke and dust passes through the machine without contacting the swivel and pivot points of the arm. The high suction and capture velocity developed by the FRED Jr. allows operators to capture and filter dust and fumes further away from the hood than competitive models.

### Benefits:

- Compact, portable, 120 volt, single phase
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling weld fumes

### Features:

- Flexible 10' externally articulated capture arm
- 1.5HP TEFC motor producing 1200 CFM at the hood.
- 26" 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-JR-26NF

EFFICIENCY: MERV 15  
 FILTER MEDIA: NANOFIBER  
 MEDIA AREA: 320 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-JR-26PT

EFFICIENCY: MERV 11  
 FILTER MEDIA: SPUNBOND POLY  
 MEDIA AREA: 169 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-JR-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] |
| <b>FRED-JR with externally articulated capture arm</b> |                  |                    |                   |                          |            |            |
| FRED-JR  | 6.5              | 6                  | 186               | 32.5                     | 82.5       | 37         |
|  | 10               | 6                  | 194               | 32.5                     | 96         | 37         |
|  | 13               | 6                  | 204               | 32.5                     | 109        | 37         |

\*\* 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-JR with externally articulated capture arm</b> |              |            |              |              |              |              |               |                   |                  |
| FRED-JR  | 1.5          | 1P/60Hz    | 13.2         | ---          | ---          | ---          | 1200          | 15                | 6.5/10/13        |
|  | 3.0          | 3P/60Hz    | ---          | 7.1          | 3.7          | 3.2          | 1800          | N/A               | 6.5/10/13        |

**HEAD OFFICE**

1200 55<sup>th</sup> Avenue  
Montreal, QC H8T 3J8

**DISTRIBUTION CENTERS**

**CANADA** Montreal, QC Toronto, ON  
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