



This professional grade fume extractor is the industry standard for eliminating smoke, dust and others unbreathable from the air. A 2400 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 the FRED-02 C's total cost of ownership by extending filter life expectancy, improving aggregate filter efficiency, and making routine service faster & easier.

Benefits:

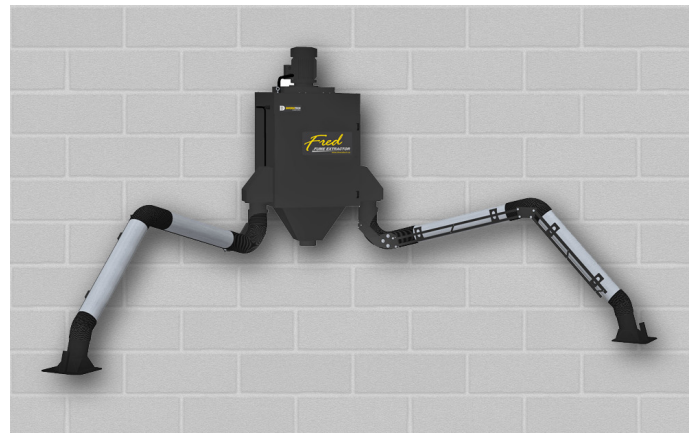
- Compact, portable and easy to operate
- Automatic filter cleaning makes service easy
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling weld fumes

Features:

- Two 10" externally articulated extraction arms
- ICS-360 injection self-cleaning system
- 22" easy-to-service Nanofiber filter (MERV 15)
- Rotary starter with castors

Options:

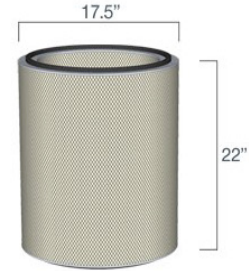
1. Flexible externally articulated arm 6.5', 10', or 13'
2. Automatic self-positioning, Fume Tracker™ capture arm
3. Odor Absorption Kits
4. Spunbond Polyester Filter Cartridge (washable)
5. After-filter module, with HEPA Filter
6. Hood mounted LED light kit



WELDING • GRINDING • SANDING • DEBURRING



Filter Specifications



Part #	Description	Filter Area (sq. ft.)	Filter Efficiency
Primary Filters			
S-IA-0003	Paper-Pleated Filter	182	99.8% @ 0.5 micron
S-IA-0003N	Nano-Fiber Filter	187	99.99% @ 0.5 micron
Alter Filters			
S-IA-0011	HEPA Filter	---	99.97% @ 0.3 micron

ICS-360 Injection Cleaning System Specifications

Air Input:	80 PSI Clean, dry, shop air
Cleaning Efficiency:	80% + with ICS-360

Technical Specifications

Model	Motor (H.P)	Power					Airflow (CFM)	Cord Length (in.)	Arm Length (in.)
		Phase (hz)	@120V (amps)	@230V (amps)	@460V (amps)	@575V (amps)			
FRED-02 C Fume Collector with two externally articulated manual capture arms									
FRED-02 C	5.0	3P / 60Hz	---	13.0	6.5	5.0	1600	---	10' or 13'

Dimensions

Model	Arm Length (ft.)	Arm Diameter (in.)	Dimensions (in.)						
			Width [b]	Height [C]	Lenght [b]	[d]	[e]	[f]	[g]
FRED-02 C with externally articulated manual capture arms									
FRED-02 C	10 (x2)	6 (x2)	32.5	115	33	13	60	34	18.5
	13 (x2)	6 (x2)	32.5	128	33	13	60	60	18.5

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