



# FRED ECO

WALL-MOUNTED FUME EXTRACTOR



With 10' capture arm  
800 CFM



\* Selected Models

The FRED Eco offers a simple, affordable, and easy-to-install fume extraction & filtration kit for everyday applications. The 10' flexible capture arm on the Fred Eco is externally articulated, making operator repositioning & maintenance easy.

The kit includes a 120V rotary motor starter that can be conveniently mounted close to the operator's working area. Once properly positioned, smoke, dust, and other airborne contaminants are safely captured before reaching the operator's respiratory zone. For applications where the extraction arm needs to be mounted further away from the blower, the remote mounting kit is a popular option.

The high-efficiency 26" filter collects submicron welding fumes before returning air to the facility. By capturing, cleaning, and recycling contaminated air, the FRED Eco works as a heat recovery device, helping you keep energy costs down.

### Benefits:

- Easy-to-install, easy-to-operate
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling weld fumes

### Features:

- Flexible 10' externally articulated capture arm
- 1.0HP TEFC, 800 CFM blower with a pre-installed bracket
- 26" re-useable cartridge filter (MERV 15)
- Rotary starter [120 VAC] with 15' Power Cord included

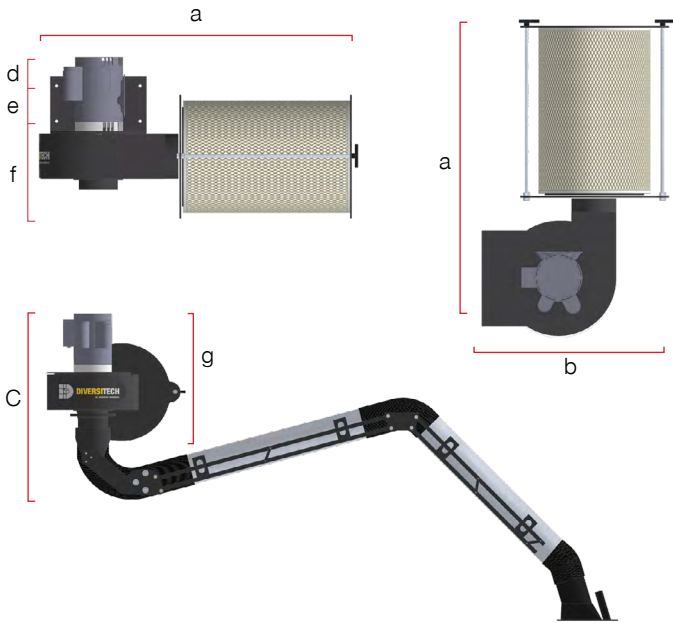
### Options:

- Flexible externally articulated capture arm 6.5', 10', or 13'
- Automatic self-positioning, Fume Tracker™ capture arm
- 1.5 HP 1200 CFM High-Static Motor [120V 1PH]
- Extension boom, 5' or 10'
- Spunbond Polyester Filter Cartridge (washable)
- 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-ECO2-26NF

**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**

MERV 11 efficient cartridge filter captures particles at the submicron level, it provides the highest level of filtration efficiency 99.97% at 0.3 micron.



S-ECO2-26PT

**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

**Dimensions**

Model	Arm Length (ft.)	Arm Diameter (in.)	Net Weight (lbs.)	Product Dimensions (in.)						
				Width [a]	Height [C]	Length [b]	[d]	[e]	[f]	[g]
<b>FRED Eco single wall-mount arm</b>										
FRED-ECO	10	6	160	25"+26 filter	35	27	4	5.5	11.5	21
	13	6	165	25"+26 filter	35	27	4	5.5	11.5	21

**Technical Specifications**

Model	Motor (H.P.)	Power					Airflow (CFM)	Cord Length (ft.)	Arm Length (ft.)
		Phase (hz)	@120V (amps)	@230V (amps)	@460V (amps)	@575V (amps)			
<b>FRED Eco single wall-mount arm</b>									
FRED ECO	1.0	1P/60Hz	16	---	---	---	800	15	10/13
	1.5	1P/60Hz	13.2	---	---	---	1200	15	10/13
	3.0	3P/60Hz	---	7.1	3.7	3.2	1800	---	10/13

**HEAD OFFICE**

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