

# FRED ECO II

WALL-MOUNTED FUME EXTRACTOR



With 10' capture arm  
800 CFM



\* Selected Models

The FRED Eco II 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 II 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:

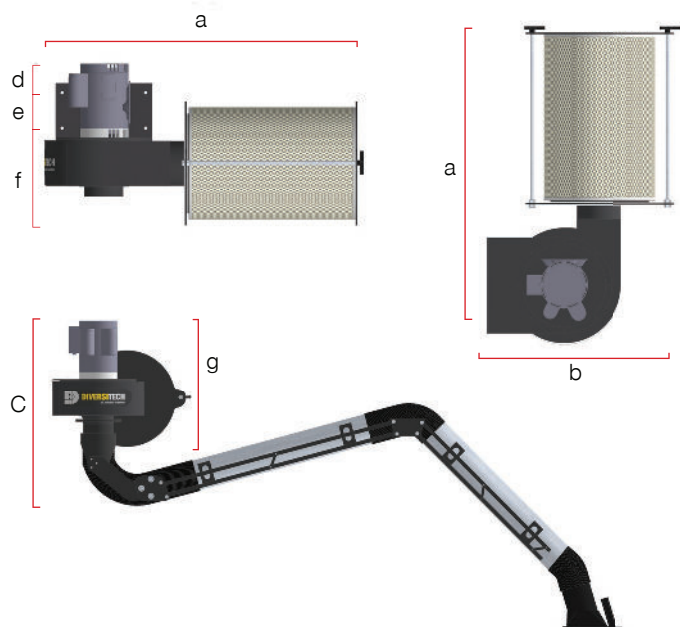
- Flexible 10' externally articulated capture arm
- 1.0HP TEFC, 800 CFM blower with a pre-installed bracket
- 26" re-useable cartridge filter (MERV 15)
- Rotary starter [120 VAC] with 15' Power Cord included

## Options:

- Flexible externally articulated capture arm 10', or 13'
- 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.



10002986

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.



10002918

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.)	Product Dimensions (in.)						
			Width [a]	Height [C]	Length [b]	[d]	[e]	[f]	[g]
FRED Eco II single wall-mount arm									
FRED ECO II	10	6	25"+26 filter	35	27	4	5.5	11.5	21
	13	6	25"+26 filter	35	27	4	5.5	11.5	21

\*\* 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.)	Power					Airflow  (CFM)	Cord	Arm
		Phase  (hz)	@120V  (amps)	@230V  (amps)	@460V  (amps)	@575V  (amps)		Length  (ft.)	Length  (ft.)
FRED Eco II single wall-mount arm									
FRED ECO II	1.0	1P/60Hz	13.2	---	---	---	800	15	10/13
	1.5	1P/60Hz	13.2	---	---	---	1200	15	10/13
	3.0	3P/60Hz	---	7.6	3.8	3.2	1800	---	10/13

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