

# EUROVAC

## DIRECT DRIVE EXHAUST FANS

IDEAL FOR  
EQUIPMENT SUCH:

- Fume arms
- Hose reels
- Hose drops
- Extension swing booms



*Eurovac exhaust fans will  
supply the air you need  
to get the job done right!*

*Source Capture Equipment  
and Dust Collector Manufacturer*

### **Product description:**

Eurovac direct drive exhaust fans are a great complement to any of our Eurovac source capture equipment. The backward inclined impeller is capable of sustaining medium to high static pressures to maintain dust and fume transport velocities while the aluminum blades ensure a spark proof design making it safe to exhaust reactive non-corrosive gases. The rugged powder coat painted 11 gage steel has full welds to ensure a perfect seal. A standard TEFC 3500 RPM motor available in any voltage is mounted

on the motor support plate by means of a C face attachment. Most motors are VFD compatible. Both inlet and outlet have a protective debris screen. The Eurovac exhaust fans come with a companion flange allowing the fan inlet to be bolted to a fume arm, a vehicle fume exhaust hose reel and even a regular Eurovac extension pivoting swing boom. The inlet cone located as close as possible to the impeller inner hub guarantees maximum suction.

### **Features include:**

- Rugged painted 11 and 14 gage steel housing
- Powder coat painted housing
- TEFC motor with direct drive operation
- Spark proof wheel design (high grade aluminum)
- Can be installed on any Eurovac source capture equipment
- Interior or exterior installation
- Slip fit inlet and outlet
- Companion flange available for direct mount to equipment
- Adjustable orientation discharge
- Velocity inlet cone

### **Typical Applications:**

- Direct mount to welding fume arms
- Direct mount to welding hose reels and hose drops
- Reactive non-corrosive fume exhaust
- Hot air exhaust
- General air movement

### **Optional accessories to provide the best solution for a particular application are:**

- Bracket for horizontal mount
- Roof support bracket
- Fan outlet silencer
- Protective coating on impeller
- Magnetic starters
- ODP motors
- Motor weather covers
- Vibration isolators

## Typical designs and usage with Eurovac exhaust fan



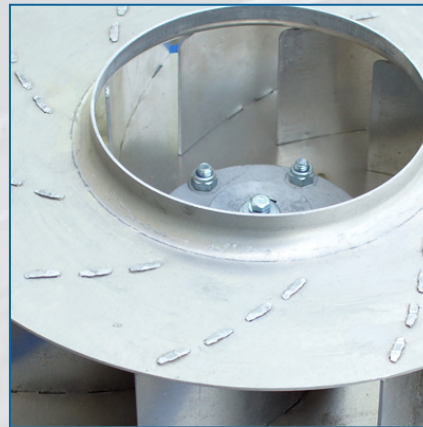
Inlet and outlet protection screens included



Direct mounted fans on 6" and 8" fume arms



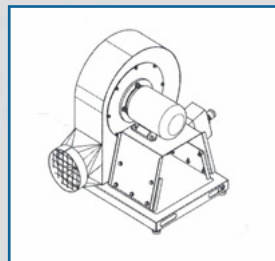
1HP & 2HP fans can be direct mounted to 6" and 8" extension swing booms



Aluminum impeller for non sparking applications



Fan inlet/outlet silencers 6" to 12" diameters



Support bracket for roof or horizontal interior installation



Starters with overload protection

**Note :** Eurovac reserves the right to modify the equipment without notice in order to improve quality or conception.

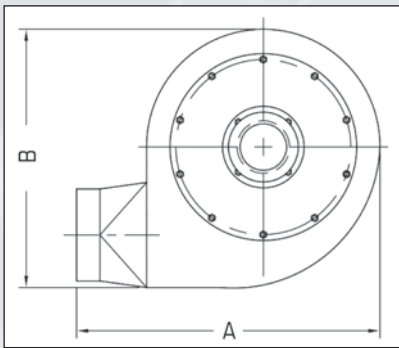
# TECHNICAL INFORMATION

## Electrical Data

Model Number	SUPPLY	FULL LOAD	CIRCUIT REQUIRED		SUPPLY	FULL LOAD	CIRCUIT REQUIRED	
1HP	115/1/60	11.2 Amps	15 Amps	3HP	115/1/60	28 Amps	40 Amps	*
	230/1/60	5.6 Amp	15 Amps		230/1/60	14 Amps	20 Amps	*
	208-230/3/60	3.8-3.6 Amps	15 Amps		208-230/3/60	9.3-9.0 Amps	15 Amps	
	460/3/60	1.8 Amps	15 Amps		460/3/60	4.5 Amps	15 Amps	
	575/3/60	1.2 Amps	15 Amps		575/3/60	3.2 Amps	15 Amps	
2HP	115/1/60	18.2 Amps	30 Amp	5HP	120-220/1/60	N/A	N/A	
	230/1/60	9.1 Amps	15 Amp		208-240/3/60	13.2-12 Amps	20 Amps	
	208-230/3/60	6.2-6.0 Amps	15 Amp		480/3/60	6.0 Amps	15 Amps	
	460/3/60	3.0 Amps	15 Amp		575/3/60	4.8 Amps	15 Amps	
	575/3/60	2 Amps	15 Amp		-	-	-	

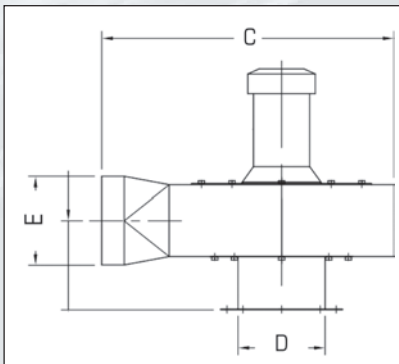
\* Single phase motor is special. Contact factory for details.

## General information



Fan type	A	B	C	D	E	Weight/ lb	Db/approx/ unducted at 3'
1 HP	22.5	20.25	13.25	6	6	88	86
2 HP	26	22	16	8	8	110	90
3 HP	27.5	25.5	22	10	10	145	93
5 HP	27.5	25.5	27.25	12	12	170	96

**Note :** Dimensions are in inches and rounded to the nearest decimal



**Note :** Refer to local building and electrical codes and requirements prior to installing the equipment.

