



SPECIFICATIONS

Product Description: **VENTILATION BLOWER, AIR DRIVEN**
 Part Number: **9508**
 Style: **CENTRIFUGAL FAN, HAZARDOUS LOCATION**

GENERAL DESCRIPTION:

Ideal for areas where a compressor is readily available. The ATEX certified air motor is a non-electrical device reducing the possibility of igniting flammable gases. It includes a filter and lubricator as well as dual 8" (20.3 cm) ports, allowing positive ventilation or fume extraction. It has a large metal base and with handles integrated for support and portability.




CONSTRUCTION:

- 8" (20.3 cm) flange on intake and exhaust ports
- Tough "safety orange" polyethylene construction
- One piece housing with integrated handle
- Powder coated 16 gauge steel base and handles
- Aluminum blower wheel with aluminum hub (non-sparking)
- Steel zinc plated grill
- Equipped with four rubber feet
- Grounding lug w/ stake

AIR MOTOR:

- Galvanized plumbing
- Brass ball valve
- Self-sealing vanes take-up their own wear, for constant output
- Four vane design for more precise inching control and for stalled start-up operation
- ATEX certified
- Hazardous Location Rating:

 II 2 GD Ex h IIC T4 Gb Ex h IIIC T135°C Db (+1°C < Ta < +40° C)

Filtration: Zinc manifold, ABS cover, nylon guard, polycarbonate bowl, with a 40 micron sintered polyethylene coalescing filter element and 0-1 60 psi (0-11.03 bar) pressure gauge

Lubricator: Zinc manifold, ABS cover, polycarbonate bowl with fill port for easy servicing

FAN:

- Aluminum wheel with aluminum hub

DUCTING: (Must be used w/ conductive ducting in order to maintain the ATEX (Ex) certification)

- Retractable, Non-collapsible design
- Class 1 hard drawn spring steel wire helix that meets ASTM 227 Specs
- Black, single-ply, neoprene coated, statically conductive vinyl/polyester material, temp. resistant up to 250° F (121.1° C)

DIMENSIONS:

Length	Width	Height	Weight
24" (60.9 cm)	22" (22.8 cm)	21" (53.3 cm)	53 lbs. (24 kg)

FLOW RATES: (CFM calculated using 15' (4.75 m) of 8" (20.3 cm) ducting)

Free Air (m ³ /hr)	One 90° Bend (m ³ /hr)	Two 90° Bends (m ³ /hr)
1700 CFM (2888.31)	1350 CFM (2293.6)	900 CFM (1529.1)