

## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION-PROOF**  
 Part Number: **9503**  
 Style: **CENTRIFUGAL FAN**

### GENERAL DESCRIPTION:

Smart compact design allows for easy use and storage without sacrificing airflow. It meets explosion proof requirements. Two 8" (20.3 cm) ports offer positive ventilation or fume extraction. Certified to CSA Standard C22.2 No 113.

### CONSTRUCTION:

- 8" (20.3 cm) flange on intake and exhaust side
- Tough "safety orange" Polyethylene construction
- One-piece housing with integrated handle
- 12-gauge, black powder coated steel base
- Aluminum blower wheel with aluminum hub
- Steel black powder coated grill
- Equipped with five rubber feet
- *NOTE: EX blowers require an explosion-proof socket (PN 9503-03)*



### MOTOR:

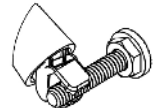
HP: 3/4 HP  
 Certifications: UL Listed, CSA Certified  
 Voltage/Hz: 115/230V AC, 60 Hz, Single Phase  
 RPM: 1725  
 Current Draw: 10.6A/5.3A  
 Cord: 25' (7.62 m) SJOOW, 12/3 AWG, 90C 300V  
 Plug: NEMA 125V 20A, Hazardous Location "ECP" Type

### FAN:

- Aluminum blower wheel with aluminum hub

### DUCTING: (Optional)

- Black, single-ply lightweight vinyl/polyester, neoprene coated, (250° F (121.1° C) temp. resistant)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix that
- meets ASTM 227 Specs
- *WARNING: When using statically conductive ducting, the integrated grounding wire must be properly grounded to the blower chassis OR linked to any additional grounding wire or duct used (as shown). Refer to User Manual for detailed instructions.*



### HAZARDOUS LOCATION RATING:

Class: I	Class: II
Divisions: 1 & 2	Divisions: 1 & 2
Group: D	Groups: F & G

### BLOWER DIMENSIONS:

Length	Width	Height	Weight
21" (53.3 cm)	17" (43.1 cm)	19" (48.2 cm)	76 lbs. (34.4 kg)

### FLOW RATES: (CFM calculated using 15' (4.57 m) of 8" (20.3 cm) ducting)

Free Air	One 90° Bend	Two 90° Bends
1570 CFM (2667.44 m <sup>3</sup> /hr)	1100 CFM (1866.91 m <sup>3</sup> /hr)	900 CFM (1529.10 m <sup>3</sup> /hr)