



## 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" (20.3cm) ports offer positive ventilation or fume extraction. Certified to CSA Standard C22.2 No 113.

### CONSTRUCTION:

- 8" (20.3cm) 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



### 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' (7.62m) 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) temperature resistant)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix that
- meets ASTM 227 Specs

### HAZARDOUS LOCATION RATING:

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

### BLOWER DIMENSIONS:

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

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

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



## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION PROOF**  
 Part Number: **9503-E**  
 Style: **CENTRIFUGAL FAN, 220V/50Hz**

### GENERAL DESCRIPTION:

Smart compact design allows for easy use and storage without sacrificing airflow. It meets explosion proof requirements. Two 8" (20.3cm) ports offer positive ventilation or fume extraction.

### CONSTRUCTION:

- 8" (20.3cm) flange on intake and exhaust side
- Tough safety orange polyethylene construction
- One piece housing with integrated handle
- 12 gauge, black powder coated steel base
- Steel handle
- Aluminum blower wheel with aluminum hub
- Steel black powder coated grill
- Equipped with five rubber feet



### MOTOR:

HP: 3/4 HP, UL Listed, CSA Certified, CE Registered  
 Voltage: 220V AC, 50 Hz, Single Phase  
 Max RPM: 1425 (Loaded at 220 Volts, 50 Hz) Nom EF: 66%  
 Current Draw: 4.8 A  
 Cord: 25' (7.62m) SJOOW, 12/3 AWG, 90C 300V  
 Plug: NEMA 220V 20A, Hazardous Location "ECP" Type

### HAZARDOUS LOCATION RATING:

Class: I	Class: II
Division: 1 & 2	Division: 1 & 2
Group: D	Group: F & G

### DUCTING: (Optional)

- Black, single-ply lightweight vinyl/polyester, neoprene coated (250°F (121.1°C) temperature resistant)
- Retractable, non-collapsible design, Class I hard drawn spring steel wire helix, ASTM 227 Specs

### BLOWER DIMENSIONS:

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

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

Free Air (m <sup>3</sup> /hr)	One 90° Bend (m <sup>3</sup> /hr)	Two 90° Bends (m <sup>3</sup> /hr)
1300 CFM (2208.7)	915 CFM (1554.5)	750 CFM (1274.2)