



## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION PROOF**  
 Part Number: **9513-05, 9514-05, 9514-06**  
 Style: **AXIAL FAN**

### GENERAL DESCRIPTION:

Smart compact design allows for easy use and storage without sacrificing airflow. For applications where explosion-proof equipment is needed. Available as blower only or complete unit with 15' (4.57m) or 25' (7.62m) of ducting and storage. Certified to CSA Standard C22.2 No.113.

### CONSTRUCTION:

- Epoxy powder coated in safety orange
- Flange on intake side (for optional inlet adapter)
- 18 gauge steel housing with welded motor mount construction
- Steel/chrome plated grill
- Carry handle made of 3-ply rubber belting
- Equipped with four rubber feet

### MOTOR:

HP: 1/3 HP  
 Voltage/Hz: 115V AC, 60 Hz, Single Phase  
 RPM: 3250  
 Current Draw: 2.2 A  
 Cord: 25' (7.62m) SJOOW 18/3 AWG 300V, medium duty  
 Plug: NEMA 115V, 20 Amp, "ECP" type

### FAN:

- Aluminum hub
- Anti-Static glass reinforced Polyamide (PAGAS) six blade fan
- Mounted 1 5/8" (4.12cm) from grill for safety and a grill gap of 5/16" (.79cm)

### DUCTING:

- Black single-ply, neoprene coated, vinyl/polyester material, temperature resistant up to 250°F (121.1°C)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix (meets ASTM 227 specs)

### HAZARDOUS LOCATION RATING:

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

### BLOWER DIMENSIONS:

Blower P/N	Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (Kg)
9513-05	14" (35.5 cm)	13 5/8" (34.6 cm)	15" (38.1 cm)	31 lbs (14 kg)
9514-05	28" (71.1 cm)	13 5/8" (34.6 cm)	15" (38.1 cm)	49 lbs (22.2 kg)
9514-06	36" (91.4 cm)	13 5/8" (34.6 cm)	15" (38.1 cm)	57 lbs (25.8 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)
890 CFM (1512.12)	825 CFM (1401.68)	770 CFM (1308.24)





## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION PROOF**  
 Part Number: **9513-05E, 9514-05E, 9514-06E**  
 Style: **AXIAL FAN**

### GENERAL DESCRIPTION:

Smart compact design allows for easy use and storage without sacrificing airflow. For applications where explosion-proof equipment is needed. Available as blower only or complete unit with 15' (4.57m) or 25' (7.62m) of ducting and storage. Certified to CSA Standard C22.2 No.113.

### CONSTRUCTION:

- Epoxy powder coated in safety orange
- Flange on intake side (for optional inlet adapter)
- 18 gauge steel housing with welded motor mount construction
- Steel/chrome plated grill
- Carry handle made of 3-ply rubber belting
- Equipped with four rubber feet

### MOTOR:

HP: 1/3 HP  
 Voltage/Hz: 220V AC, 50 Hz, Single Phase  
 RPM: 2750  
 Current Draw: 1.2 A  
 Cord: 25' (7.62m) SJOOW 18/3 AWG 300V, Medium duty  
 Plug: NEMA 220V 20A, Hazardous Location "ECP" Type

### FAN:

- Aluminum hub
- Anti-Static glass reinforced Polyamide (PAGAS) six blade fan
- Mounted 1 5/8" (4.12cm) from grill for safety and a grill gap of 5/16" (.79cm)

### DUCTING: (Only included in 9514-05E and 9514-06E models)

- Black single-ply, neoprene coated, vinyl/polyester material, temperature resistant up to 250°F (121.1°C)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix (meets ASTM 227 specs)

### HAZARDOUS LOCATION RATING:

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

### BLOWER DIMENSIONS:

Blower P/N	Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (Kg)
9513-05E	14" (35.5 cm)	13 5/8" (34.6 cm)	15" (38.1 cm)	31 lbs (14 kg)
9514-05E	28" (71.1 cm)	13 5/8" (34.6 cm)	15" (38.1 cm)	49 lbs (22.2 kg)
9514-06E	36" (91.4 cm)	13 5/8" (34.6 cm)	15" (38.1 cm)	57 lbs (25.8 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)
890 CFM (1512.12)	825 CFM (1401.68)	770 CFM (1308.24)

