

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' (4.57 m) or 25' (7.62 m) of ducting and storage. Certified to CSA Standard C22.2 No.113.



CONSTRUCTION:

- Epoxy powder coated in safety orange
- Flange on intake side
- 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
- *NOTE: Explosion-proof blowers require an explosion-proof socket (PN 9503-03)*

MOTOR:

HP: 1/3 HP
 Voltage/Hz: 115V AC, 60 Hz, Single Phase
 RPM: 3250
 Current Draw: 3.3A
 Cord: 25' (7.62 m) 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" (4.12 cm) from grill for safety and a grill gap of 5/16" (0.79 cm)

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)
- *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	Division: 1 & 2
Groups: C & D	Groups: F & G

BLOWER DIMENSIONS:

Blower PN	Length	Width	Height	Weight
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' (4.57 m) of 8" (20.3 cm) ducting)

Free Air	One 90° Bend	Two 90° Bends
890 CFM (1512.12 m ³ /hr)	825 CFM (1401.68 m ³ /hr)	770 CFM (1308.24 m ³ /hr)