



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





SPECIFICATIONS

Product Description:
Part Number:
Style:

VENTILATION BLOWER, EXPLOSION PROOF
9513-05E, 9514-05E, 9514-06E
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

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 (m³/hr)	One 90° Bend (m³/hr)	Two 90° Bends (m³/hr)
890 CFM (1512.12)	825 CFM (1401.68)	770 CFM (1308.24)

