

SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION-PROOF**
 Part Number: **9509-01E***
 Style: **AXIAL FAN 12" (30.4 cm), 220V/50 Hz**

GENERAL DESCRIPTION:

The Allegro 12" (30.4 cm) explosion-proof blower is designed for applications requiring larger amounts of air output. It offers portability and minimal weight and includes a 1/3 HP explosion-proof motor with an efficient three-blade impeller in a rugged metal housing.



CONSTRUCTION:

- Complete unit epoxy powder coated in orange
- Attached duct at either flange for intake or exhaust ventilation
- 16-gauge cold rolled steel housing
- 14-gauge steel base
- 3-ply rubber carrying handle
- Steel black powder coated grill
- Equipped with four rubber feet
- *NOTE: EX blowers require an explosion-proof socket (PN 9503-06)*

MOTOR:

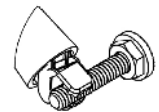
HP: 1/3 HP
 Voltage/Hz: 220V AC, 50 Hz, Single Phase
 Maximum RPM: 2750 (loaded at 220V, 50 Hz)
 Current Draw: 1.2 A (loaded at 220V, 50 Hz)
 Cord: 25' (7.62 m) 18/3 AWG, SJ00W 90C 300V Neoprene medium duty

FAN:

- Anti-Static glass reinforced Polyimide (PAGAS) three blade fan, with aluminum hub

DUCTING: *(Optional)*

- Black, single-ply lightweight vinyl/polyester, neoprene coated, temperature resistant up to 250° F (121.1° C)
- Retractable, non-collapsible design with Class 1 hard drawn spring steel wire helix, 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
Groups: C & D	Groups: E, F & G

BLOWER DIMENSIONS:

Length	Width	Height	Weight
15 1/2" (39.7 cm)	12" (30.4 cm)	16" (40.6 cm)	33 lbs. (15.0 kg)

****FLOW RATES:** *(CFM calculated using 15' (4.75 m) of 12" (30.4 cm) ducting)*

Free Air	One 90° Bend	Two 90° Bends
1636 CFM (2779.58 m ³ /hr)	1255 CFM (2132.25 m ³ /hr)	1156 CFM (1964.05 m ³ /hr)

**Blowers offered in 220V/50 Hz configuration*

***Air flow determined at 60 Hz*