



## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION-PROOF**  
 Part Number: **9509-01**  
 Style: **AXIAL FAN 12" (30.4cm)**

### GENERAL DESCRIPTION:

For applications requiring larger amounts of air output the Explosion-Proof 12"(30.4cm) Blower offers portability and minimal weight, the Allegro 12"(30.4cm) Explosion-Proof Blower offers a 1/3 HP explosion-proof motor with an efficient three-blade impeller in a rugged metal housing. Certified to CSA Standard C22.2 No.113.



### 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

### MOTOR:

HP: 1/3 HP  
 Certifications: UL Recognized, CSA Certified  
 Voltage/Hz: 115V AC, 60 Hz, Single Phase  
 Maximum RPM: 3250  
 Current Draw: 2.2A  
 Cord: 25' (7.62m) 18/3 AWG, SJ00W 90C 300V Neoprene medium duty  
 Plug: NEMA 125V plug, grounded 3-prong. ECP model configuration

### 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

### HAZARDOUS LOCATION RATING:

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

### BLOWER DIMENSIONS:

Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (Kg)
15 1/2" (39.7 cm)	12" (30.4 cm)	15" (38.1 cm)	33 lbs (15 kg)

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

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