



SPECIFICATIONS

Product Description: **VENTILATION BLOWER, EXPLOSION PROOF**
 Part Number: **9515-01, 9515-01S**
 Style: **AXIAL FAN 16" (40.6 cm)**

GENERAL DESCRIPTION:

Designed for use in applications requiring a large amount of output in a hazardous location environment. Allegro's 16" (40.6 cm) Explosion Proof blower is offered with a ½ HP explosion proof motor with an efficient 6-blade fan in a rugged metal housing. *9515-01 model is certified to CSA Standard C22.2 No.113.*



CONSTRUCTION:

- Complete unit epoxy powder coated in orange
- Interchangeable flange for intake or exhaust side mounting
- 18 gauge cold rolled steel housing
- Integrated carry handles
- Steel grill (zinc plated), equipped with four rubber feet
- Can be used with Adaptor Reducer (P/N: 9600-50) used with 8" (20.3 cm) ducting (special grounding instructions must be applied)

MOTOR:

HP: ½ HP
 Certifications: UL Listed, CSA Certified
 Voltage/Hz: *Model 9515-01:* 115/230V AC, 60 Hz, Single Phase
 Model 9515-01S: 220V AC, 60 Hz, Single Phase
 RPM: 1725
 Current Draw: 8.2/4.1A
 Cord: 25' (7.63 m) 12/3 AWG SOOW 90C 600V heavy duty
 Plug: *Model 9515-01:* NEMA 20 Amp plug, explosion proof rated
 Model 9515-01S: No plug included

FAN:

- Anti-Static glass reinforced polyamide (PAGAS) six blade fan with aluminum hub
- Moving fan mounted 1 5/8" (4.12 cm) from grill for safety, grill gap 5/16" (0.79 cm)

DUCTING: (Accessory)

- Black, single-ply, neoprene coated, statically conductive 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	Divisions: 1 & 2
Groups: C & D	Groups: F & G

BLOWER DIMENSIONS:

Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (Kg)
18" (45.7 cm)	18" (45.7 cm)	19" (48.2 cm)	67 lbs (30.3 kg)

FLOW RATES: (CFM calculated using 15' (4.57 m) of 16" (40.6 cm) ducting)

Free Air CFM (m³/hr)	One 90° Bend CFM (m³/hr)	Two 90° Bend CFM (m³/hr)
2900 (4927.13)	1800 (3024.23)	1750 (2973.26)