

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 "safety 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 (PN 9600-50) used with 8" (20.3 cm) ducting (special grounding instructions must be applied)
- *NOTE: EX blowers require an explosion-proof socket (PN 9503-03)*

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: (Optional)

- 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)
- *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: F & G

BLOWER DIMENSIONS:

Length	Width	Height	Weight
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	One 90° Bend	Two 90° Bends
2900 CFM (4927.13 m³/hr)	1800 CFM (3024.23 m³/hr)	1750 CFM (2973.26 m³/hr)