



SPECIFICATIONS

Description: **VENTILATION BLOWER, EXPLOSION PROOF**
 Part Number: **9525-01**
 Style: **AXIAL FAN 20" (50.8 cm)**

GENERAL DESCRIPTION:

For use in applications requiring a large amount of output in a hazardous location environment. Allegro's 20" (50.8 cm) Explosion Proof blower is offered with a 1/2 HP Explosion Proof motor with an efficient 3-blade fan in a rugged metal housing. Certified to CSA Standard C22.2 No. 113.



CONSTRUCTION:

- Complete unit epoxy powder coated in orange
- Interchangeable flange for intake or exhaust side mounting
- 16 gauge cold rolled steel housing
- Integrated carrying handles
- Steel grill (zinc plated)
- Equipped with four rubber feet

MOTOR:

HP: 1/2 HP
 Certifications: UL Listed, CSA certified
 Voltage/Hz: 115/230V AC, 60 Hz, Single Phase
 RPM: 1725
 Current Draw: 8.2/4.1A
 Cord: 25' (7.62m) 12/3 AWG SJOOW 90C 300V medium duty
 Plug: NEMA 20 Amp plug, explosion proof rated.

FAN:

- Anti-Static glass reinforced polyamide three 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 that (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)
19" (48.2 cm)	22" (55.8 cm)	22 1/2" (57.1 cm)	75 lbs. (34 kg)

FLOW RATES: (CFM calculated using 15' (4.75m) of 20" (50.8cm) ducting)

Free Air CFM (m ³ /hr)	One 90° Bend CFM (m ³ /hr)	Two 90° Bends CFM (m ³ /hr)
4650 (7900.39)	3150 (5351.88)	2950 (5012.08)