SPECIFICATIONS

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

GENERAL DESCRIPTION:
Designed for use in applications requiring a large amount of output in a hazardous location environment. Our 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.

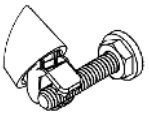
CONSTRUCTION:
- Complete unit epoxy powder coated in "safety orange"
- Interchangeable flange for intake or exhaust side mounting
- 16-gauge cold rolled steel housing
- Integrated carrying handles
- Steel grill (zinc plated)
- Equipped with four rubber feet
- *NOTE: EX blowers require an explosion-proof socket (PN 9503-03)*

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' (7.62 m) 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)
- *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
19" (48.2 cm)	22" (55.8 cm)	22 ½" (57.1 cm)	75 lbs. (34 kg)

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

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

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