

SPECIFICATIONS

Product Description: **VENTILATION BLOWER, HIGH OUTPUT, EXPLOSION-PROOF**
 Part Number: **9525-50EX**
 Style: **AXIAL FAN 20" (50.8 cm)**

GENERAL DESCRIPTION:

Designed for applications requiring a maximum amount of output. Made from 16-gauge cold rolled steel housing and powder-coated in safety orange with 3 blade impeller. Powered by a 1 ½ hp, 3450 RPM, UL listed and CSA certified motor. Comes with an interchangeable flange for intake or exhaust mounting, integrated carry handles, a steel/zinc plated grill and four rubber feet are added features of this powerhouse unit.



CONSTRUCTION:

- Complete unit epoxy powder-coated in orange
- Interchangeable flange for intake or exhaust side mounting
- 16-gauge cold rolled steel housing
- Integrated carry handles
- Steel grill (zinc plated), equipped with four rubber feet
- Duct grounding lug
- *NOTE: EX blowers require an explosion-proof socket (PN 9503-03: 125V)*
- Cord: 25' (7.63 m) 12/3 AWG SOOW 600V
- Plug: NEMA 20 Amp, 125V, Explosion-Proof

MOTOR:

HP: 1 ½ HP
 Certifications: UL Listed, CSA Certified
 Voltage/Hz : 115/208-230V AC, 60 Hz, Single Phase
 RPM: 3450
 Current Draw: 15.4/8.4-7.7A
 Protection: Thermal, Automatic Reset

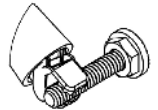
FAN:

- Anti-Static glass reinforced polyamide (PAGAS) three blade fan with aluminum hub

ACCESSORIES:

Ducting

- Black, single-ply, neoprene coated, statically conductive vinyl/polyester material, temp. resistant up to 250° F (121.1° C)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix (meets ASTM 227 specs)
- Grounding cable on both ends
- *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.*



EX Rated Receptacle

- Iron mounting box with triple coat finish and spring-loaded door to keep out dust when in use. When plug is not in use, a neoprene gasket inside receptacle seals around plug to keep out dirt, water, dust, etc.
 - 9503-03: 125V only

EX Rated Extension Cords

- 9540-50EX: 125V

HAZARDOUS LOCATION RATING:

Motors

EX Plugs

Class I, Groups C, D; Class II, Groups F, G	Class I, Div. 1&2, Groups B, C, D; Class II, Div. 1&2, Groups F, G
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BLOWER DIMENSIONS:

Length	Width	Height	Weight
19" (48.2 cm)	22" (55.8 cm)	22 ½" (57.1 cm)	79 lbs. (35.8 kg)

***FLOW RATES:** (CFM calculated using 15' (4.57 m) of 20" (50.8 cm) ducting)

Free Air	One 90° Bend	Two 90° Bends
6468 CFM (10989 m³/hr)	4314 CFM (7330 m³/hr)	3922 CFM (6664 m³/hr)

**Air flow determined at 60 Hz*