



SPECIFICATIONS

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

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, IECEX/ATEX/INMETRO certified motor. Comes with an interchangeable flange for intake or exhaust mounting, integrated carry handles for easy transport and a steel/zinc plated grill. Four rubber feet, built in on/off switch and voltage change switch 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
- Built-in "on/off" switch
- Duct grounding lug



MOTOR:

HP: 1 ½ HP
Certifications: UL Listed, IECEX/ATEX/INMETRO Certified
Voltage/Hz: 115/230V AC, 50/60 Hz, Single Phase (Integrated voltage selector)
RPM: 3450
Current Draw: 15.5/7.8A (60 Hz)
Cord: 25' (7.63m) 12/3 AWG MTW 90C 600V
Plug: NEMA 20 Amp, 115V or 200V plug, Explosion Proof rated
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

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
 - 9503-06: 250V only

EX Rated Extension Cords

- 9540-50EX: 115V
- 9540-60EX: 230V

Continued on Page 2

HAZARDOUS LOCATION RATING:*Motors**EX Plugs*

ATEX	II 2 G Ex d Gb	NEC 500	Class I, Group B, C, D Class II, Group F&G
IECEX	Ex d IIB Gb	NEC 505	Class I, Zone 1, Group IIB & H2
INMETRO	Ex d IIB Gb		

BLOWER DIMENSIONS:

Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (Kg)
19" (48.2 cm)	22" (55.8 cm)	22 ½" (57.1 cm)	71 lbs (32.2 kg)

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

Free Air CFM (m ³ /hr)	One 90° Bend CFM (m ³ /hr)	Two 90°Bend CFM (m ³ /hr)
6837 (11622.90)	5268 (8950.38)	4829 (8209.30)

**Air flow determined at 60Hz*