



SPECIFICATIONS

Product Description: **VENTILATION BLOWER, HIGH OUTPUT, EXPLOSION-PROOF**
 Part Number: **9525-50EXE**
 Style: **AXIAL FAN 20" (50.8 cm), 230V, 50/60 Hz**

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, voltage change switch and stackable chassis 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
- *NOTE: EX blowers require an explosion-proof socket (110V PN: 9503-03, 220V PN: 9503-06)*

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: 2875/3450
 Current Draw: 15.5/7.8A (60 Hz), 19.3/9.6 (50 Hz)
 Cord: 25' (7.63 m) 12/3 AWG MTW 90C 600V
 Protection: Thermal, Automatic Reset
 Plug: Not supplied

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/Plugs

- NEC 505 or IECEX/ATEX available (consult factory)

HAZARDOUS LOCATION RATING:

Motors

ATEX	II 2 G Ex d Gb
IECEX	Ex d IIB Gb
INMETRO	Ex d IIB Gb

Continued on Page 2

BLOWER DIMENSIONS:

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

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

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

**Air flow determined at 60 Hz