

## 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 4 blade impeller. Powered by a 1 ½ hp, 3450 RPM UL listed, IECex/ATEX/INMETRO certified motor. Comes with a 115V plug, interchangeable flange for intake or exhaust mounting, integrated carry handles on all four sides for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch and stackable 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 on four sides, stackable design
- Steel grill (zinc plated), equipped with four rubber feet

### MOTOR:

HP: 1 ½ HP  
Certifications: UL Listed, IECex/ATEX/INMETRO Certified  
Voltage/Hz: 115/230V AC, 50/60 Hz, Single Phase  
RPM: 3450  
Current Draw: 15.5/7.8 A  
Cord: 25' (7.63m) 12/3 AWG SJOOW 90C 300V medium duty  
Plug: NEMA 20 Amp, 115V 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, temperature resistant up to 250°F (121.1°C)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix meets ASTM 227 specs

#### *Sockets*

- 9503-03 – Iron mounting box with triple coat finish and spring-loaded door to keep out dust when in use. When plug is in use, a neoprene gasket inside receptacle seals around plug to keep out dirt, water, dust, etc.

### 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 16" (40.6cm) ducting)

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

## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, HIGH OUTPUT, EXPLOSION PROOF**  
Part Number: **9525-50EXE\***  
Style: **AXIAL FAN 20" (50.8cm), 220V/50Hz**

### 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 4 blade impeller. Powered by a 1 ½ hp, 2875-3450 RPM UL listed, IECEX/ATEX/INMETRO certified motor. Comes with an interchangeable flange for intake or exhaust mounting, integrated carry handles on all four sides for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch and stackable 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 on four sides, stackable design
- Steel grill (zinc plated), equipped with four rubber feet

### MOTOR:

HP: 1 ½ HP  
Certifications: UL Listed, IECEX/ATEX/INMETRO Certified  
Voltage/Hz: 115/230V AC, 50/60 Hz, Single Phase, all world motor  
RPM: 2875-3450  
Current Draw: 15.5/7.8A  
Cord: 25' (7.62m) 12/3 AWG, MTW 90C 600V extra heavy duty  
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, temperature resistant up to 250°F (121.1°C)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix meets ASTM 227 specs

#### *Sockets*

- 9503-03 – Iron mounting box with triple coat finish and spring-loaded door to keep out dust when in use. When plug is in use, a neoprene gasket inside receptacle seals around plug to keep out dirt, water, dust, etc.

### BLOWER DIMENSIONS:

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

### \*\*FLOW RATES: (CFM calculated using 15' (4.57m) of 16" (40.6cm) ducting)

Free Air CFM (m <sup>3</sup> /hr)	One 90° Bend CFM (m <sup>3</sup> /hr)	Two 90° Bend CFM (m <sup>3</sup> /hr)
6837 (11622.90)	5286 (8986.20)	4829 (8209.30)

\*Blowers offered in 220V/50Hz

\*\*Air flow determined at 60Hz