



## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, HIGH OUTPUT**  
 Part Number: **9509-50**  
 Style: **AXIAL FAN 12" (30.4 cm)**

### GENERAL DESCRIPTION:

For applications requiring larger amounts of air output the High Output 12" (30.4 cm) blower offers portability and minimal weight, the Allegro 12" (30.4 cm) High Output blower offers a 1/2 HP motor with an efficient six-blade impeller in a rugged metal housing. Certified to CSA Standard C22.2 No.113.



### CONSTRUCTION:

- Complete unit epoxy powder coated in "safety orange"
- Ducting may be attached at either flange for intake or exhaust ventilation
- 16 gauge cold rolled steel housing
- 14 gauge steel base
- 3-ply rubber carrying handle
- Steel black powder coated grill
- Equipped with four rubber feet

### MOTOR:

HP: 1/2 HP  
 Certifications: UL Recognized, CSA Certified  
 Voltage/Hz: 115V AC, 60 Hz, Single Phase  
 RPM: 3450  
 Current Draw: 6.0A  
 Cord: 25' (7.62 m) 16/3 AWG SJTW 105C 300V medium duty  
 Switch: Toggle ON/OFF, Integrated inline  
 Plug: NEMA 5-15 (grounded three-prong)

### FAN:

- Glass reinforced polypropylene (PPG) 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)

### ACCESSORIES:

**9550-15** Ducting 12" (30.4 cm) Diameter x 15' (4.57 cm) Length  
**9550-25** Ducting 12" (30.4 cm) Diameter x 25' (7.62 cm) Length  
**9509-03** Adaptor Reducer (to be used with 8" (20.3 cm) ducting)

### BLOWER DIMENSIONS:

Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (kg)
15 1/2" (39.7 cm)	12" (30.4 cm)	15" (38.1 cm)	40 lbs (18.1 kg)

### FLOW RATES: (CFM calculated using 15' (4.75m) of 12" (30.4cm) ducting)

Free Air CFM (m <sup>3</sup> /hr)	One 90° Bend CFM (m <sup>3</sup> /hr)	Two 90° Bends CFM (m <sup>3</sup> /hr)
2202 (3741.22)	1674 (2844.14)	1598 (2715)



## SPECIFICATIONS

Product Description: **VENTILATION BLOWER, HIGH OUTPUT**  
 Part Number: **9509-50E**  
 Style: **12" (30.4 cm) AXIAL FAN**

### GENERAL DESCRIPTION:

Designed for applications requiring a large amount of output, while offering portability and minimal weight, the Allegro 12" (30.4 cm) blower offers a 1/2 HP motor with an efficient three-blade impeller in a rugged metal housing.



### CONSTRUCTION:

- 16 gauge cold rolled steel housing
- Complete unit epoxy powder coated in orange
- Attach duct at either end for intake or exhaust ventilation
- 14 gauge steel base
- 3-ply rubber carrying handle
- Steel/Black powder-coated plated grill
- Equipped with four rubber feet

### MOTOR:

HP: 1/2 HP, 220 VAC, 50 Hz, 2850 RPM, Single Phase  
 Certification: UL Listed, CSA Certified  
 Current Draw: 3.3A @ 50 Hz  
 Cord: 6.5' (1.98 m) 16/3 AWG, SJTW 90C 300V medium duty  
 Switch: Toggle ON/OFF, Integrated inline

### FAN:

- Glass reinforced polypropylene (PPG) 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)

### ACCESSORIES:

**9550-15** Ducting 12" (30.4 cm) Diameter x 15' (4.57 cm) Length  
**9550-25** Ducting 12" (30.4 cm) Diameter x 25' (7.62 cm) Length  
**9509-03** Adaptor Reducer (to be used with 8" (20.3 cm) ducting)

### BLOWER DIMENSIONS:

Length In (cm)	Width In (cm)	Height In (cm)	Weight Lbs (kg)
15.5" (39.7 cm)	12" (30.4 cm)	15" (38.1 cm)	40 lbs (18.1 kg)

**\*FLOW RATES:** (CFM calculated using 15' (4.75m) of 12" (30.4cm) ducting)

Free Air CFM (m <sup>3</sup> /hr)	One 90° Bend (m <sup>3</sup> /hr)	Two 90° Bends (m <sup>3</sup> /hr)
1830 (3,109.18)	1390 (2,361.62)	1330 (2,259.68)

\*Air flow determined at 60Hz