

# Product Specifications

**MODEL**  
**BD72-208460-3**

**CATEGORY**  
Circulation

**DESCRIPTION**  
BIGDOG™ 72" belt-drive horizontal circulation fan with intake cone, airfoil deflectors and 3-phase motor, designed for agriculture, horticulture, and industrial use.



## FEATURES

- One-piece molded fiberglass housing with intake cone and six directional air flow deflectors.
- Heavy-duty, totally enclosed, maintenance free, energy efficient motor.
- Dual belt-drive system with manual belt tensioner.
- Optional variable frequency drives available (50-300 RPM).
- Cools an area up to 200' x 35' with air speeds of 100 FPM+ using 2,200 watts of power.
- Six-wing corrosion resistant aluminum blade.
- Can be mounted on steel post or building column or suspended  
*Mount at least 14' from floor and eight feet from ceiling.*

## DIMENSIONS

### PERFORMANCE

Average velocity	300 ft/min (75' from fan)
Maximum velocity	1500 ft/min (directly beneath fan)
Calculated CFM	60,000 @ 300 RPM /10,000 @ 50 RPM

### NOISE LEVELS ARE APPROXIMATE

RPM	Speed control @ 60Hz (high)	Speed control @ 30Hz (medium)
	329	200
Noise level at face	98.5dB	83.0dB
Noise level 14' beneath face	81.0dB	65.3dB
Noise level 25' from fan	72.5dB	62.3dB
Noise level 50' from fan	68.0dB	60.0dB

### MOTOR

3 HP	3 Phase	TEFC	208-230/460 Volt	10.5/5.25 Amps	1725 RPM
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### BLADE

73-1/2"	6 Wings	2-1/2" Bore	Aluminum
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### SHIPPING

375 lbs	Pallet Quantity = 1
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