

# 8' High-5 Fan



## 8' High Volume Ceiling Fan

Patterson has elevated the High Volume ceiling fan to All New Heights! With over 25 years of fan engineering and air-movement expertise, Patterson has taken High Volume ceiling fans into the "User Friendly" realm with:

- Blade/Gearbox Modularization takes all the axial (downward) stress off the drivetrain and gearbox.
- Unique Blade/Hub/Tie Safety System
- All components are Modular. If service is ever required, it can easily be performed at the mounted fan. No time or money wasted for fan removal and reinstallation.

### General

Diameter	8 ft/ 3.05 m
Fan Height	56.2 in
Number of Blades	5
Hanging Weight	227 lbs/ 103 kg
<i>w/ Universal Mount</i>	

### Motor

Power	1 HP/ 0.75 kW
Enclosure	TEFC
Phase	3
Full Load Amps	208-230V: 3.8-3.6A 460V: 1.8A

### Gearbox

Type	2-Stage Helical
Lubrication	Chevron Delo Gear ESI- 85W-140 Oil

### Mounting Materials

Frames	Steel (Powder Coated Blue)
Bolts/Nuts	Zinc Plated
Hub	Casted Aluminum
Blades	Extruded Aluminum
Downrods (optional)	Available up to 10 ft

### Performance @ Max Speed

Displacement	67,178 CFM/ 1,902 m <sup>3</sup> / min
Maximum Speed	110 RPM <i>as tested</i>
Power Usage @ Max Speed	0.75 kW
Maximum Effective Area	4,060 ft <sup>2</sup> / 377 m <sup>2</sup>
Typical Spacing	50 ft/ 15.2 m

### Control

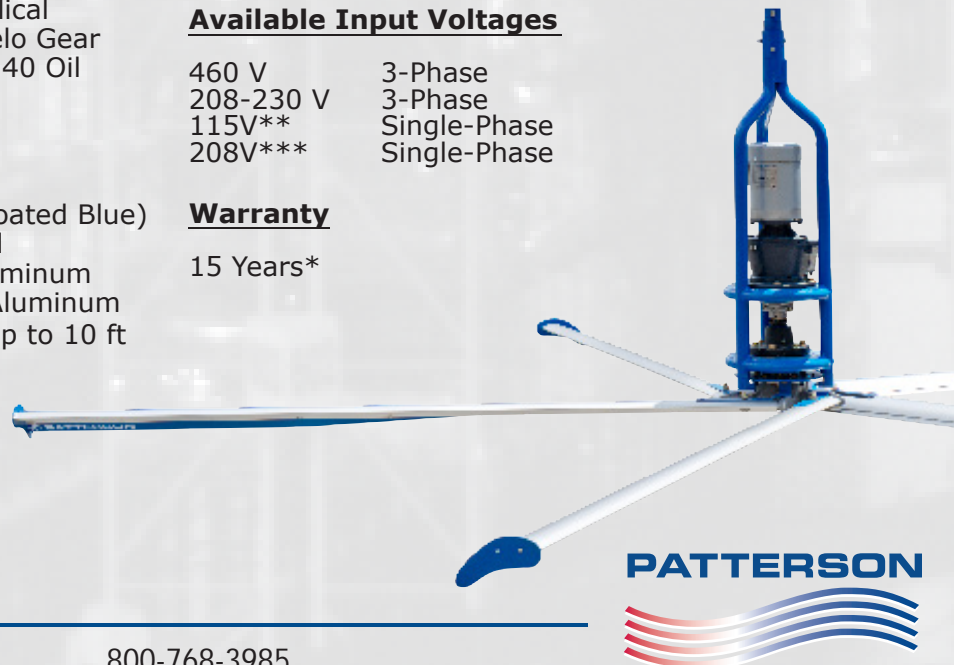
Control Method	Variable Frequency Drive
VFD Enclosure Rating	NEMA 4X
Motor/VFD Connection	3-Conductor VFD Cable (10ft)
Remote Control	Enclosed Keypad w/ LCD Display
Keypad Enclosure Rating	NEMA 12
VFD/Keypad Connection	Cat6 Cable (100ft)
Fan Power Disconnect	Lockable
Additional Protection	Fire System Interface
Special Features	Software Network Integration

### Available Input Voltages

460 V	3-Phase
208-230 V	3-Phase
115V**	Single-Phase
208V***	Single-Phase

### Warranty

15 Years\*



\* See website for details

\*\* Keypad option not available at this voltage

\*\*\* Additional charge applied for keypad option at this voltage

Specifications subject to change without notice.