

# High-5 Fan Series



## 18' High Volume Ceiling Fan

Patterson has elevated the High Volume ceiling fan to All New Heights! With over 23 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	18 ft/5.486m
Fan Assembly Height	48 in
Number of Blades	5
Hanging Weight (w/ Universal Mount)	420 lbs/ 190 kg
Shipping Weight (w/ All Fan Components)	545 lbs/ 274 kg

### 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/ Mounting Hardware	HRPO A1011 Steel Powder- Coated Blue/Silver
Bolts, Nuts	Zinc Plated
Hub	Steel
Blades	Type 2, Class 1 Aluminum
Safety Link System	14 ga A1011 Steel
Downrods (optional)	Available up to 10 ft

### Performance @ Max Speed

Displacement	202,000 CFM/ 5,721m <sup>3</sup> / min (as tested)
Maximum Speed	68 RPM
Power Usage @ Max Speed	0.9 kW
Maximum Effective Area	15,000 ft <sup>2</sup> / 1,394 m <sup>2</sup>
Typical Industrial Spacing	90 ft/ 27.4 m

### Fan Controls

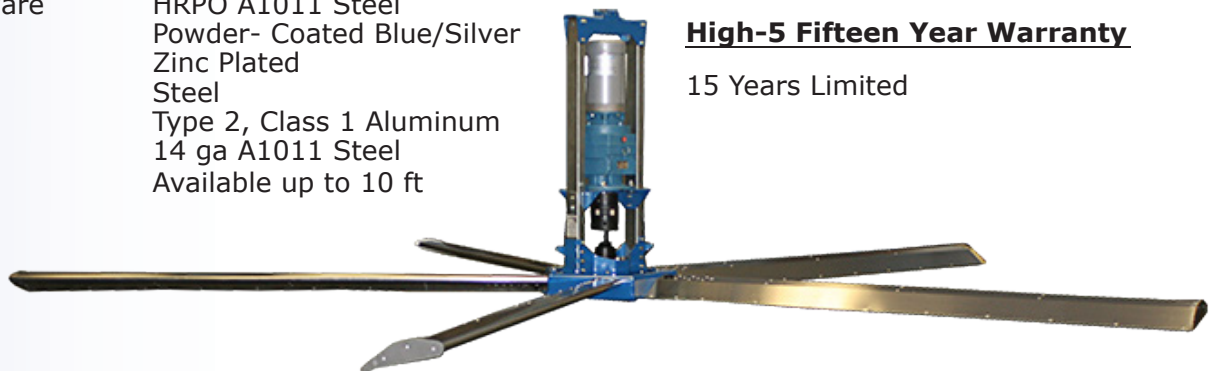
Motor Control Panel Enclosure Rating	NEMA 12
Disconnect	Lockable
Wall Mount Remote Control Box	
Start, Stop Buttons w/ Speed Control Knob	
VFD Motor Cable	28 ft/ 8.53 m
Remote Cable	75 ft/ 30.48 m
Remote Control Box Enclosure Rating	NEMA 12
Special Features	Fire Alarm Interface

### Available Input Voltages

460 V	3 Phase
208-230 V	3 Phase
208 V	1 Phase

### High-5 Fifteen Year Warranty

15 Years Limited



• Specifications subject to change without notice.