

High-5 Fan Series



20' 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	20 ft/6.096m
Fan Assembly Height	48 in
Number of Blades	5
Hanging Weight (w/ Universal Mount)	435 lbs/ 197 kg
Shipping Weight (w/ All Fan Components)	560 lbs/ 254 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	222,013 CFM/ 6,287 m ³ / min (as tested)
Maximum Speed	61 RPM
Power Usage @ Max Speed	0.9 kW
Maximum Effective Area	15,000 ft ² / 1,394 m ²
Typical Industrial Spacing	95 ft/ 29 m

Fan Controls

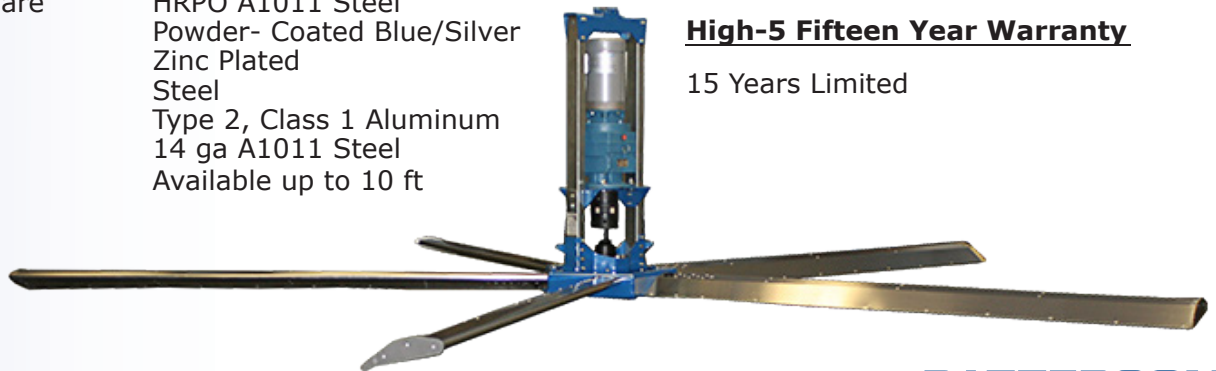
Motor Control Panel Enclosure Rating	NEMA 12
Disconnect	Lockable
Wall Mount Remote Control Box	
Start, Stop Buttons w/ Speed Control Knob	
VFD Motor Cable	28 ft/ 8.53 m
Remote Cable	75 ft/ 30.48 m
Remote Control Box Enclosure Rating	NEMA 12
Special Features	Fire Alarm Interface

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.