

20' High-5 Fan



20' 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	20 ft/ 6.1 m
Fan Height	56.2 in
Number of Blades	5
Hanging Weight w/ Universal Mount	294 lbs/ 133 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	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	231,031 CFM/ 6,542 m ³ / min <i>as tested</i>
Maximum Speed	41 RPM
Power Usage @ Max Speed	0.75 kW
Maximum Effective Area	17,607 ft ² / 1635 m ²
Typical Spacing	95 ft/ 29.57 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.

