



HIGH-5



Air Cleaning Systems, Inc.

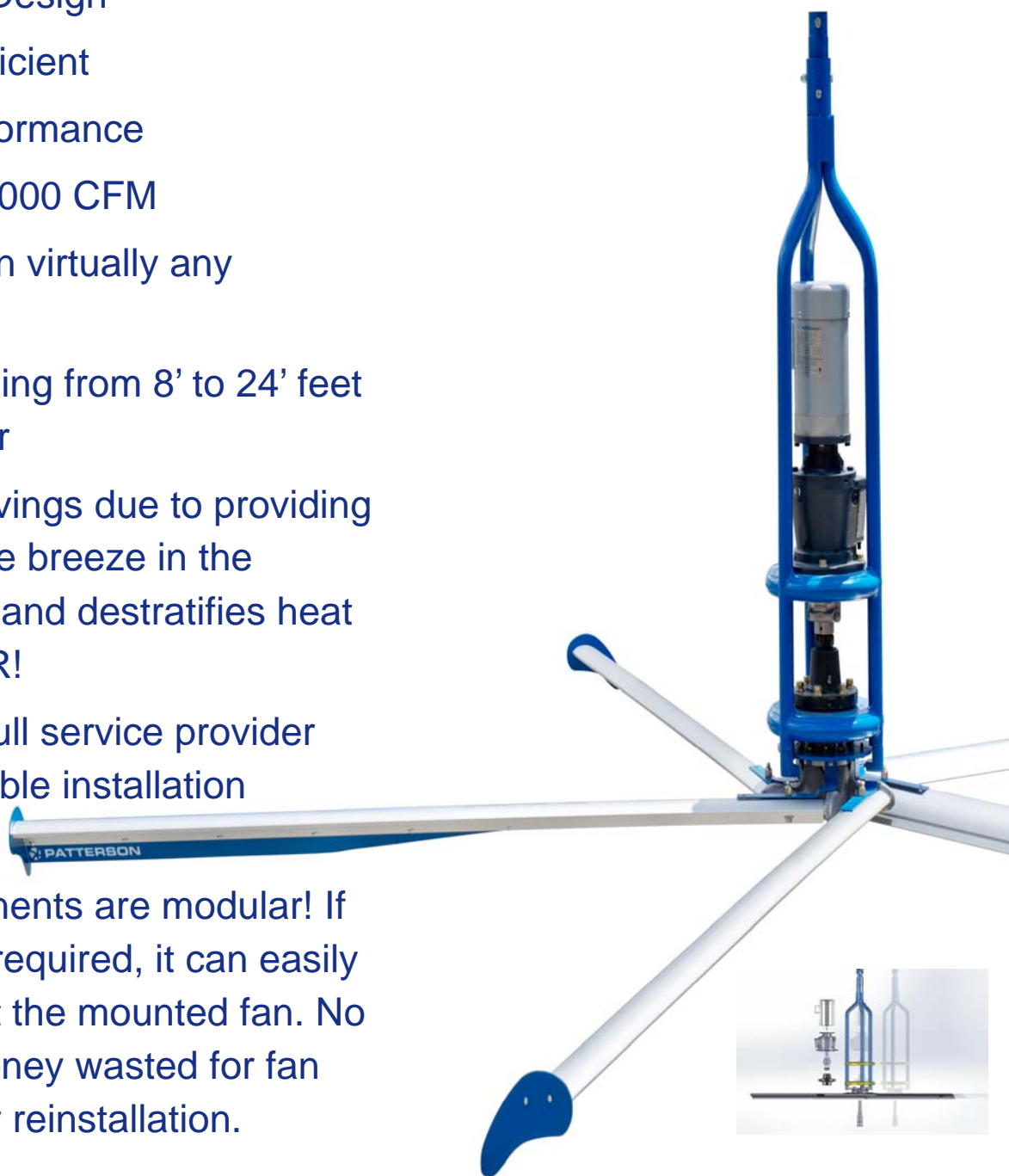
800-247-1020

www.acleansystem.com



HIGH VOLUME LOW SPEED FANS (HVLS)

- Industrial Design
- Energy Efficient
- Quiet Performance
- Up to 400,000 CFM
- Available in virtually any COLOR!
- Sizes ranging from 8' to 24' feet in diameter
- Energy savings due to providing cool, gentle breeze in the SUMMER and destratifies heat in WINTER!
- ACS is a full service provider with available installation options
- All components are modular! If service is required, it can easily be done at the mounted fan. No time or money wasted for fan removal or reinstallation.





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HIGH-5 FAN SERIES



High Volume Ceiling Fan

Patterson Fan Company & Air Cleaning Systems, Inc. has announced the release of its new High-5 series, 5 Blade High Volume Ceiling Fan. Patterson has drawn on over 4 decades of facility cooling and air-movement problem solving to develop a high Volume fan that is truly “User Friendly”.

Over as year in development, Patterson has created the first with Modular Design. Patterson Engineers designed a new Motor/Gearbox assembly that reduces the stress on the gear and is easy to service.

This new 5 Blade fan design not only provides easier maintenance and service, but the unique Double Chain Drivetrain has removed the entire downward axial load from the gearbox and places it directly on the heavy duty housing structure. The gearbox no longer supports the height on the hub and blades, therefore reliving stress on the gearbox, a major point of failure in other designs.



SIZE	CFM	HP	MAX SPEED	HANGING WEIGHT	MAX EFFECTIVE AREA	INDUSTRIAL SPACING
18'	210,343	1HP	65 RPM	420 lbs/ 190 kg	15,000 ft ² / 1,394m ²	90 ft/ 27.4 m
20'	222,013	1HP	57 RPM	435 lbs/ 197 kg	15,000 ft ² / 1,394m ²	95 ft/ 29 m
24'	400,867	2HP	48 RPM	465 lbs/ 211 kg	20,000 ft ² / 1,858m ²	100 ft/ 30.5 m



Benefits:

- Energy Efficient
- Quiet Performance
- Provides Cool Gentle Breeze in the Summer
- De-stratifies Heat in the Winter
- 400,000+ CFM
- Blade/Gearbox Modularization
- Unique Blade/ Hub/ Tie Safety System
- All components are modular! If service is required, it can easily be done at the mounted fan.
- No time or money wasted for fan removal or reinstallation!



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