



# HVLS INDUSTRIAL CEILING FAN WITH PMSM MOTOR

Our High Volume Low Speed (HVLS) industrial PMSM ceiling fans require little energy to ventilate large industrial and commercial buildings and facilities.

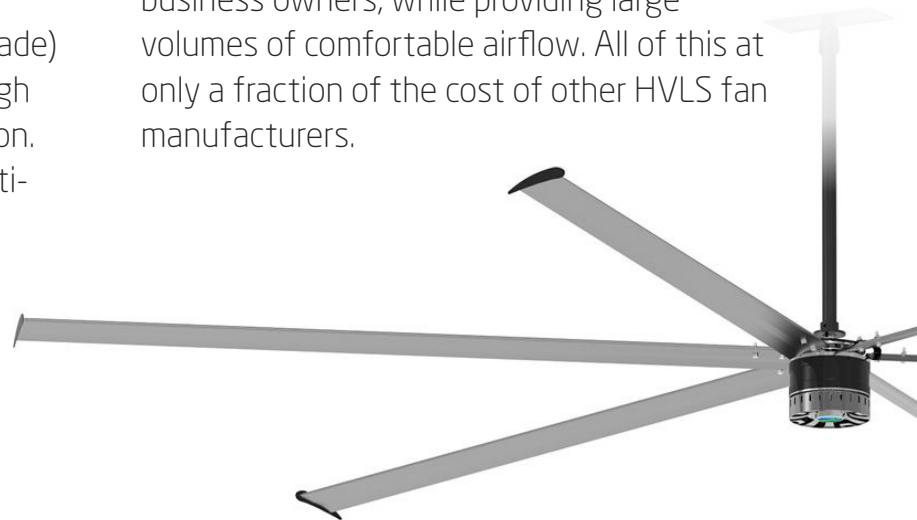
They are made of high-quality (aviation grade) aluminum alloy materials, which provide high efficiency and a high performance operation. Our motors, variable frequency drives, multi-point safety features, and overall, our

innovative designs, separate us from all of our competitors in many different ways.

These fans can save energy costs for business owners, while providing large volumes of comfortable airflow. All of this at only a fraction of the cost of other HVLS fan manufacturers.

## PRODUCT SPECS:

- Fan Blades Diameter: 7.3 meters (24 ft)
- Coverage: 1,800 square meters
- Motor: 1.5 Kw / 2H.P. / 54 RPM
- Voltage: 220V - 3 phase, 60Hz
- Certifications: ISO-9001 manufacturing, CE overall products, UL & TUV on motor and VFD.
- Warranty: 3 year on all components. Lifetime warranty on fan hub and blades assembly.



[www.masterfans.com](http://www.masterfans.com)

For more information contact us at:  
T. 81-8336-0409, 0410 and 0411  
E. [monterrey@masterfans.com](mailto:monterrey@masterfans.com)

# THE BEST HVLS FANS FOR ALL YOUR INDUSTRIAL APPLICATIONS



## FEATURES THAT SET PRONTOFLOW® APART FROM THE COMPETITION:

1. All of our models come with the highest airflow in the HVLS fans marketplace; our 6 blade units provide higher CFM's than competitors' 8 blade models.
2. Our units provide a very efficient cooling effect at very low energy consumption levels – sometimes up to 40% less power draw than other brands.
3. Ability to reduce temperatures drastically and immediately, while allowing for an increase in overall productivity and healthier working environments.
4. Our units offer a real “out-of-the-box” turnkey solution. All of our models come ready to be installed along with their mounting kits, safety kits, electrical cables and controls.
5. We offer multipoint safety features that exceed industry-wide standards.
6. Our world-class innovative designs and manufacturing processes allow our units to operate maintenance-free for many years.
7. All of these features come as a standard, at only a fraction of the cost of other HVLS brands and products.

## TECHNICAL SPECIFICATIONS:

MODEL	DIAMETER	MOTOR	RPM	CFM	SQM	KGS
<b>PFHVLS-PMSM-24</b>	7.3m / 24ft	1.5 KW / 2 HP / PMSM	54	477,000	1,800	138
<b>PFHVLS-PMSM-20</b>	6.1m / 20ft	1.5 KW / 2 HP / PMSM	54	407,000	1,480	130
<b>PFHVLS-PMSM-18</b>	5.5m / 18ft	1.5 KW / 2 HP / PMSM	65	336,000	1,050	121
<b>PFHVLS-PMSM-16</b>	4.9m / 16ft	1.5 KW / 2 HP / PMSM	65	279,000	850	112
<b>PFHVLS-PMSM-12</b>	3.7m / 12ft	1.5 KW / 2 HP / PMSM	75	216,000	630	100



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