

## »» VENTILADOR PARA NAVES INDUSTRIALES MOD. WHALENADO.

↑ HIGH AIR DISTRIBUTION

↓ LOW COST OPERATION

↑ HIGH ENERGY SAVINGS

↓ LOW MAINTENANCE

**Moves more air with fewer blades**

Patented WHALE-POWER™ Technology allows for airfoil angles of 21°, 230% higher than the competition.

**WHALENADO™**  
**HVLS Fans**

### Pushing the Next Generation of HVLS Fans Higher Than Ever Before

Modeled after the aerodynamic fins of the humpback whale, WHALENADO™ High-Volume, Low-Speed (HVLS) fans feature the patented WHALE-POWER™ Technology and are a high energy-saving alternative for effective climate control. By dispersing trapped air, WHALENADO™ HVLS fans eliminate hot/cold zones throughout a facility, equalizing internal temperatures and greatly reducing HVAC heating and cooling cycles. WHALENADO™ HVLS fans are a low-cost, low maintenance option for improving work conditions and can deliver up to 20% in energy savings.

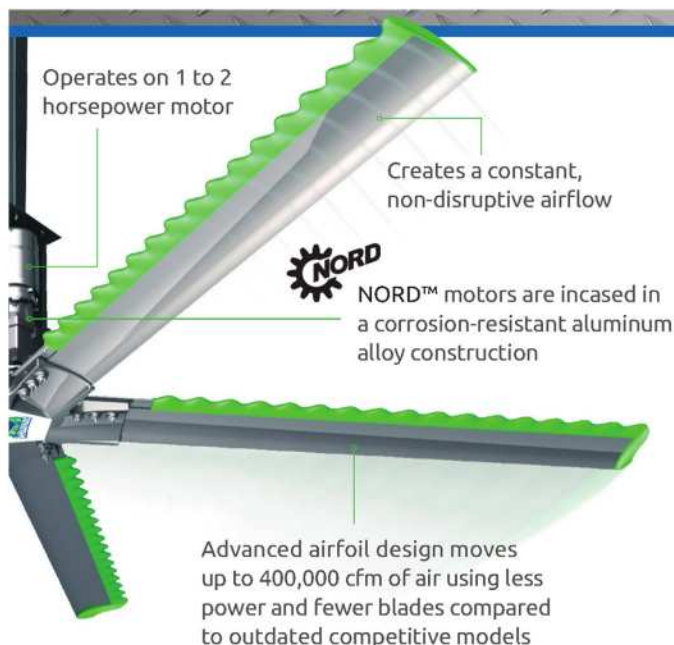
### Features & Benefits

- WHALENADO™ HVLS Fans Neutralize Hot/Cold Zones through destratification, effectively regulating facility temperatures
- Patented WHALE-POWER™ Technology Increases Airfoil Stability by preventing blade vibration, the leading cause of wear & tear to blades and drive train
- Increase HVAC Efficiency Year-Round by reducing heating and cooling cycles caused by inefficient air distribution, saving up to 20% in utility costs
- Constant Airflow Decreases Recovery Time by eliminating drafts caused by high and low pressure areas when overhead doors are open
- Reduces Moisture Buildup by preventing condensation
- Five Blade Design Feature 21° Airfoil Angles that can move up to 400,000 CFM's of air with low energy consumption
- Efficient and Cost-Effective Alternative to cooling environments where air-conditioning is not practical
- Promotes Proper Ventilation in facilities where operations produce smoke and/or hazardous fumes
- High-Efficiency Motor delivers superior performance
- NORD In-line Helical Gear Motors with 15-Year Warranty are engineered using a one piece Unicas™ design, delivering exceptional performance without high power consumption
- Lifetime Warranty on blades and hub





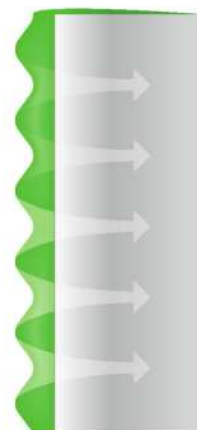
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### WHALE-POWER™ Advantage

#### Superior Aerodynamics

Ridges on the front edge of the blade force air into small channels across the top of the blade, increasing air velocity and generating greater lift while reducing drag. This allows for a steeper blade angle that moves more air efficiently, while preventing blade vibration and reducing wear and tear to the assembly.



#### Benefits:

- High Air Distribution
- Less Drag, Less Wear
- Prevents Blade Vibration
- Energy Efficient
- Low Operational Costs

### Get A Fast Return On Your Investment

Regulating facility temperatures can consume large amounts of energy and lead to even higher energy costs. WHALENADO™ HVLS fans effectively mix trapped air, equalizing hot and cold zones within a facility by dispersing cool air during summer and pushing hot air down during winter. By successfully regulating temperatures, WHALENADO™ fans greatly increase HVAC efficiency by reducing heating and cooling cycles, saving up to 20% in utility costs.

### A Warranty You Can Trust

WHALENADO™ HVLS fans come complete with a Lifetime Blade and Hub warranty in addition to a 15-Year Gear Motor and Control Panel warranty.



### Control Panels

#### AC Tech Control

- Variable frequency drive provides soft start and full variable speed operation
- Nema 4x Enclosure

24FT | 20FT | 16FT | 12FT | 8FT

Fan Sizes	8 FT (2.4m)	12 FT (3.7m)	16 FT (4.9m)	20 FT (6.1m)	24 FT (7.3m)
Motor Power	1 HP (.75kw)	1 HP (.75kw)	1.5 HP (1.1kw)	2 HP (1.5kw)	2 HP (1.5kw)
Amps @ 480 Volt	1.7A	1.7A	2.3A	3A	3A
Maximum Speed	154 rpm	123 rpm	73 rpm	63 rpm	57 rpm
Airflow	42,140 cfm	134,150 cfm	182,170 cfm	330,000 cfm	400,000 cfm
Hanging Weight	214 lbs (97 kgs)	235 lbs (106.6 kgs)	265 lbs (120.2 kgs)	350 lbs (158.7 kgs)	370 lbs (167.8 kgs)

