



ENVIRA-NORTH
SYSTEMS LIMITED



Circulate



Ventilate



Contain

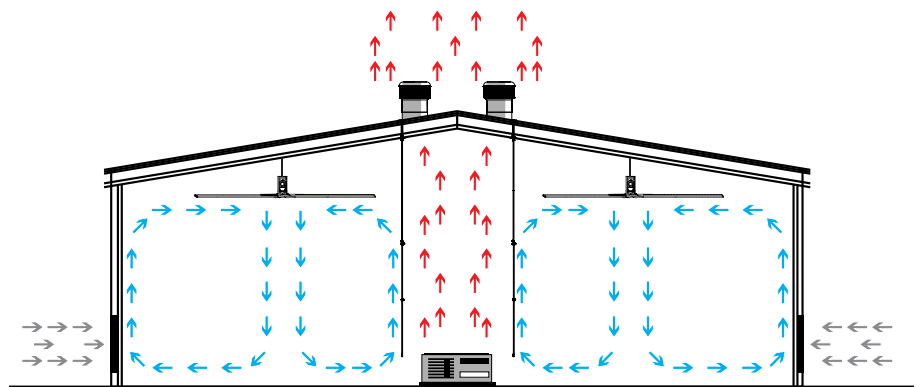
OUR SYSTEMS

Whether using natural ventilation or mechanical heating or cooling, Envira-North can help. Company leaders worldwide have integrated our products in their facilities to enhance comfort, improve safety, and increase productivity while reducing cost.

EXPERIENCED IN THESE APPLICATIONS

- *Agricultural*
- *Industrial*
- *Commercial*
- *Institutional*
- *Military*
- *Residential*

Custom designed for each application, we utilize our products as components to develop a system that not only provides a solution but maximizes saving potential to increase your return on investment.



Circulate = To make the space healthier & more comfortable

Ventilate = Naturally through roof

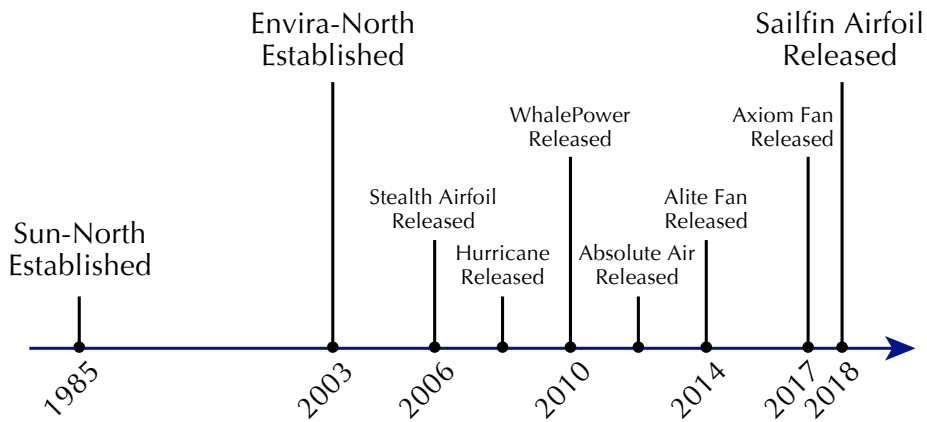
Contain = Hot, stale air

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BUILT ON KNOWLEDGE



Envira-North Systems and our partners are here to identify, define and tackle environmental challenges in your spaces.

“We take pride in our reputation & stand behind our products & services”

NOT JUST A MANUFACTURER....

We are air movement professionals with an established network of worldwide partners.



Sleek Design, Commercial Duty Air Movement



Distinctive Universal Mount

Hidden Safety Security System

Smart Voltage Onboard Controls

Pre-wired Connections for
Plug and Play Installation

Quiet Gearless Motor

High Performance
Durable Blades

Seamless Dimmable
LED Light

STANDARD COLOUR FINISHES

The sleek, ultra-modern design allows for a magnitude of customizable finishes from vibrant red to brilliant chrome & every imaginable colour in between.



Wall Control



Radiance



Cobalt



Alabaster



Sterling



Slate



Onyx

DESIGNED FOR:

Commercial | Residential | Institutional

FREE COOLING

- Open air restaurant
- Dominican Republic
- Excessive heat
- Uncomfortable customers
- Two Axiom Fans installed
- Customers stay longer and consume more



ENERGY EFFICIENCY

- Expensive air conditioning
- One Axiom Fan speeds up air
- Decreases A/C load
- Increases comfort
- Provides quiet circulation and a pleasing appearance



**INDUSTRIAL STRENGTH
COMMERCIAL APPEAL**

- Amusement park
- Montreal, Quebec
- Two Axiom Fans installed
- Patrons are comfortable waiting for rides

SPECIFICATIONS

- Maximum 7 to 10 ft (2 to 3 m) in diameter
- Gearless smart voltage motor
- Variable speed 0-120 RPM
- 45,000 CFM of air movement
- Upwards of 5 MPH breeze
- Crazy efficient - max 264 W
- Integrated dimmable LED light - 1980 Lumens
- On-board controls
- 85 lbs (38.5 kgs) assembled weight
- UL, CSA & CE certified
- Compact single box packaging
- Quieter than ambient noise



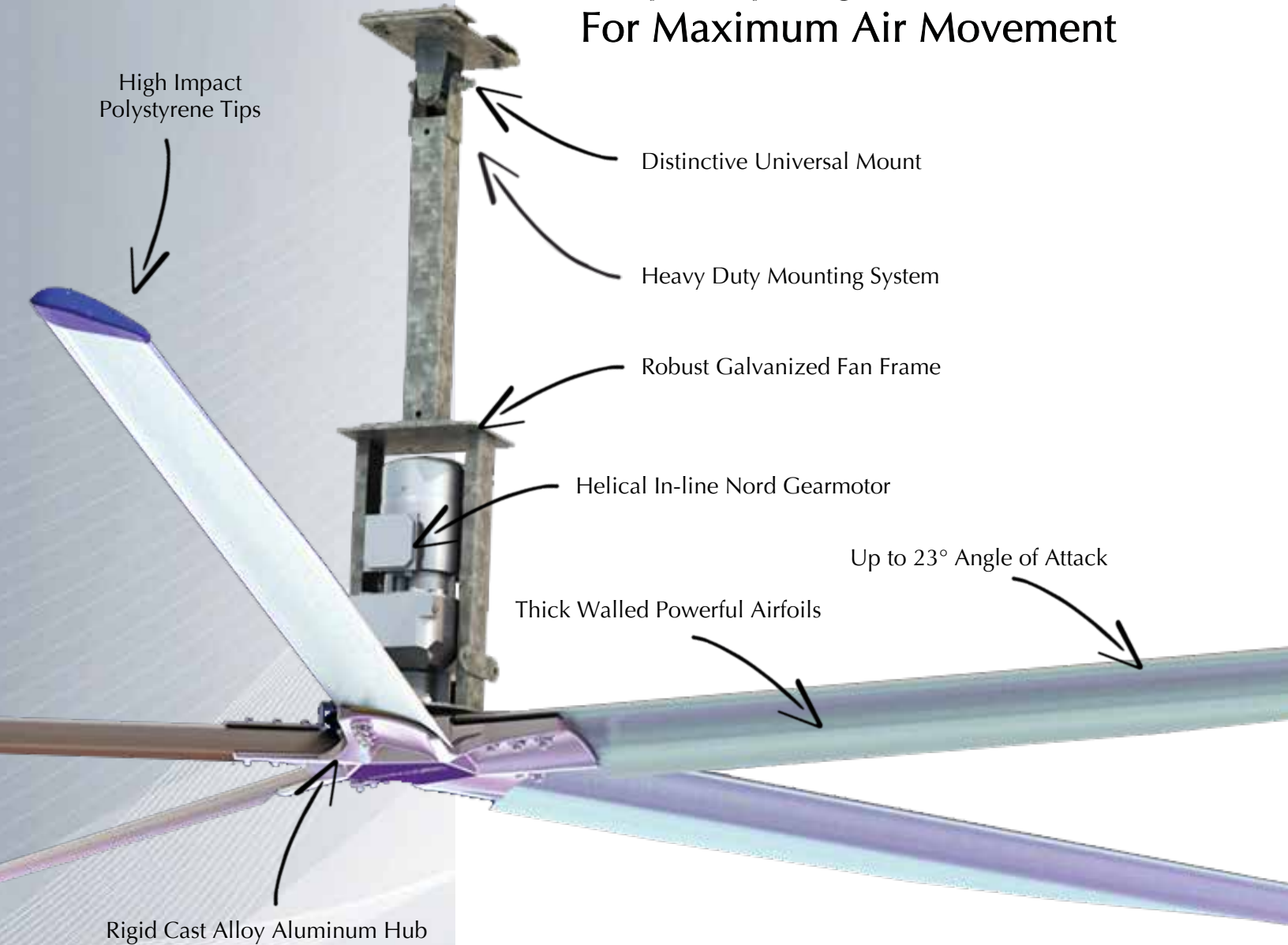
PACKAGING



One Box



Heavy Duty, Rigid and Durable, For Maximum Air Movement



Increased
Air Speeds



Reduced
Operating Costs



Decreased
Noise



Streamlined
Appearance

DESIGNED FOR:

Industrial | Agricultural | High Ceilings



AIR CONDITIONING

- 27,000 sq.ft in Dubai
- Expensive air conditioning
- One 24 ft (7.3 m) Sailfin Ceiling Fan
- Increased set point 2°C
- Saved 34% or \$14,708 USD over 6 months

SPECIFICATIONS

- 6 MPH breeze
- Maximum 5.7 Amp draw
- 264 CFM per Watt
- Minimal 2.5" blade flex
- 53 RPM at full speed
- Up to 23° angle of attack
- Less torque from blade efficiency



OCCUPANT COMFORT

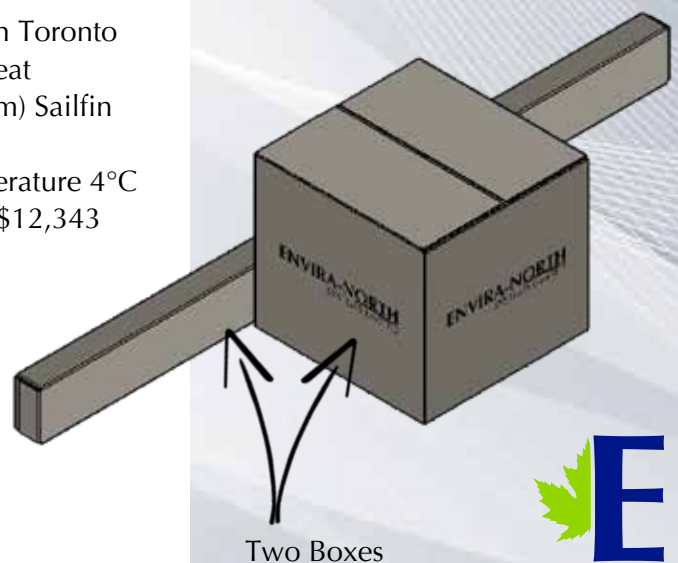
- 20,000 sq.ft in USA
- One 24 ft (7.3 m) Sailfin Fan
- Keeps 50 cows cool
- Making milk in hot temps



DE-STRATIFICATION

- 100,000 sq.ft in Toronto
- Expensive to heat
- Five 20 ft (6.1 m) Sailfin Ceiling Fans
- Reduced temperature 4°C
- Saved 30% or \$12,343 over 6 months

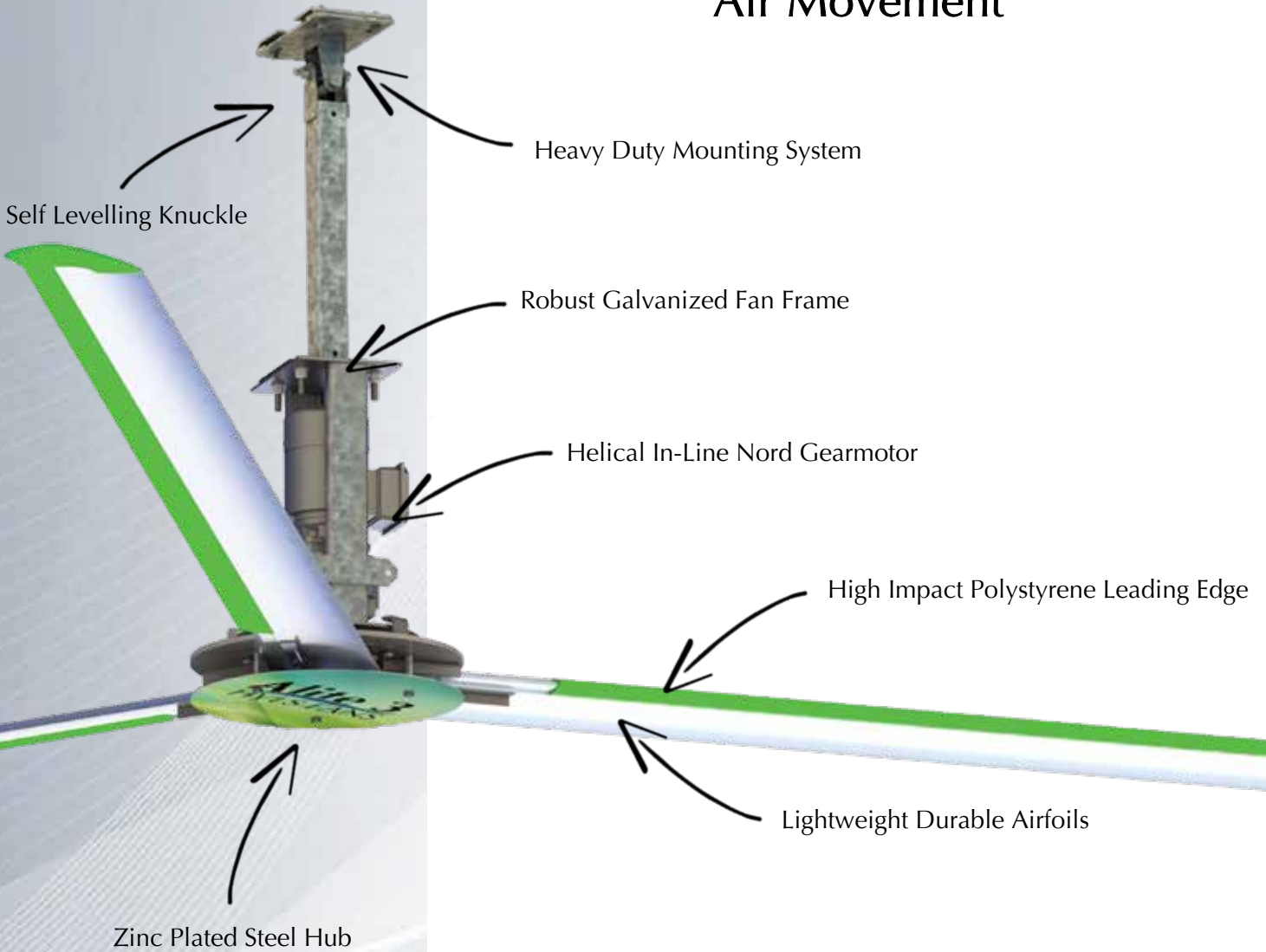
PACKAGING



Alite 3

HVLS FANS

Light Duty, Low Cost, Air Movement



Reduced
Capital Costs



Less
Weight



Effective
Performance



Inexpensive
Operation

DESIGNED FOR:

Industrial | Agricultural | Institutional



EMPLOYEE COMFORT

- Manufacturer in China
- Hot assembly area
- One low cost Alite 3 Fan
- Keeps employees comfortable and productive

HAPPY CUSTOMERS

- Airport in India
- Uncomfortable passengers
- One low cost Alite 3 Fan
- Passengers cool off pre-flight
- Minimizes A/C requirement



PLEASANT FACILITY

- Church in Mumbai, India
- Crowded hot & humid conditions
- Congregation was uncomfortable during gatherings
- Installed an Alite 3 Fan to keep air moving
- Minimal capital & operational costs

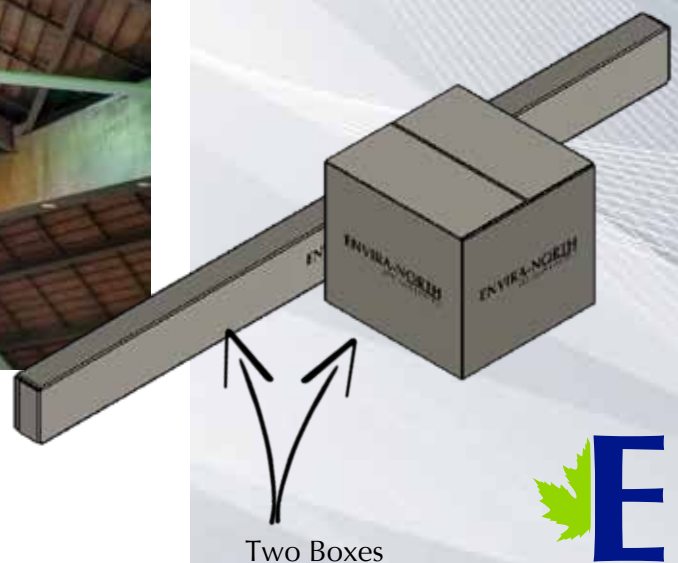


SPECIFICATIONS

- Up to 4.5 MPH breeze
- Cost effective alternative
- Nominal power consumption
- Inexpensive operation
- Quiet performance
- Minimal maintenance
- Lightweight
- 18° angle of attack
- 285 CFM per Watt

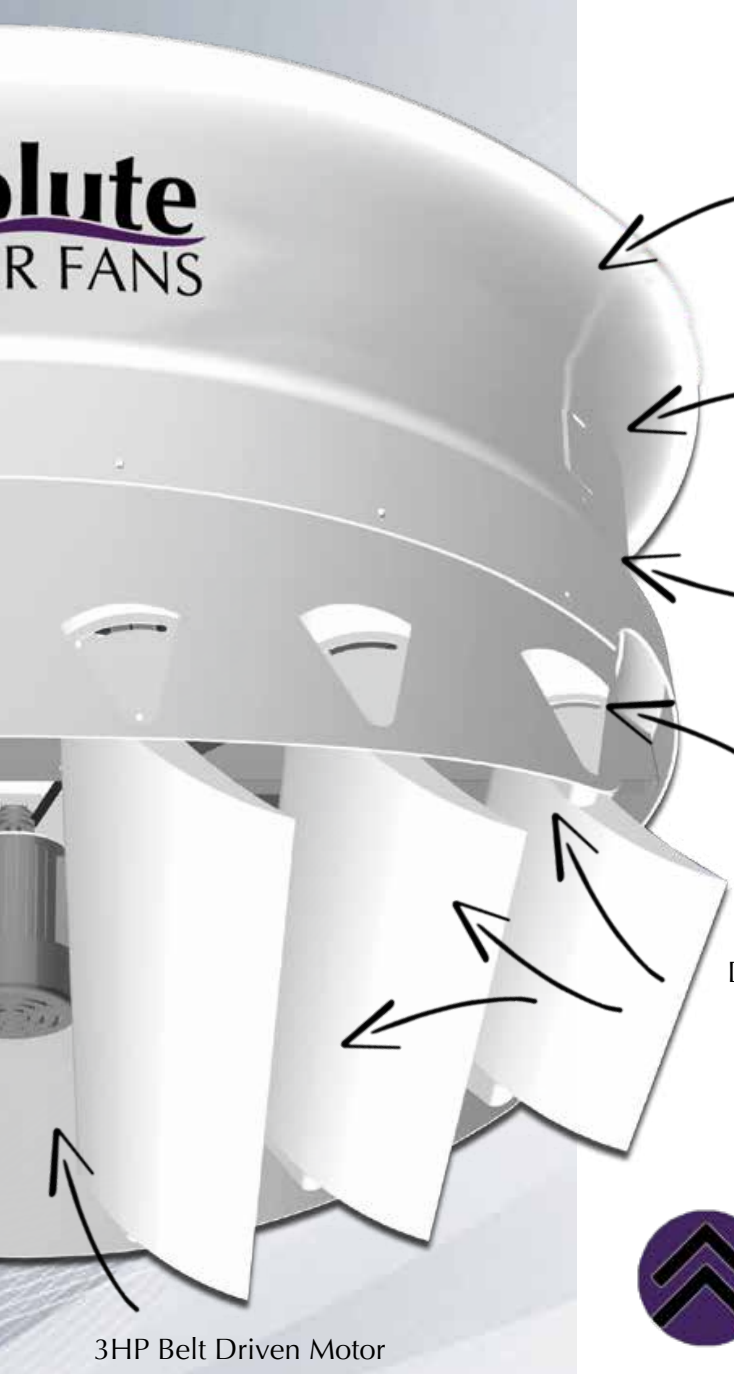


PACKAGING



Heavy Duty, High Speed, Focused Air Movement

bsolute
AIR FANS



Balanced 6 Paddle Aluminum Blade Fan
(Not Visible)

Corrosion Resistant Fiberglass Housing

Performance Enhanced Intake Cone

Manual Deflector Adjusters

Directional Air Flow Deflectors

3HP Belt Driven Motor



Increased
Air Speeds



Quick
Installation



Concentrated
Breeze



Minimal
Maintenance

DESIGNED FOR:

Industrial | Agricultural

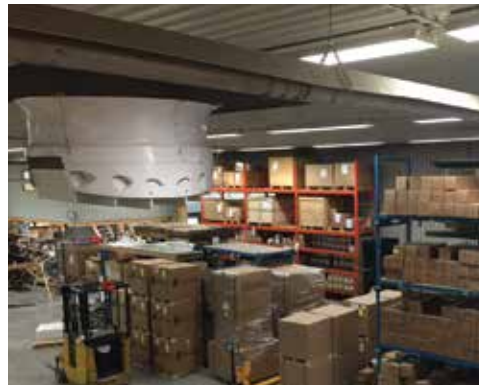


HOT / COLD

- Manufacturer in Toronto
- Excessive heat over production
- Cold warehouse space
- Absolute Air Fans chase air around perimeter
- Moderates temperature in both spaces

DESTRATIFICATION

- Warehouse in Calgary
- Stratification occurring
- Installed Absolute Air Fans in aisles
- Reduced heating costs 20%



FREE COOLING

- Production facility in Puerto Rico
- Heat & humidity was slowing production
- Installed an Absolute Air Fan on a post
- Workers now keep cool & productive thanks to direct high speed air

SPECIFICATIONS

- 60 - 245 RPM
- 84 dBA
- Suspension or post mount
- 49,400 CFM
- Up to 8.5 MPH breeze
- Moves more air than eight 36" basket fans
- Designed for quick installation



Industrial Quality, Whisper Quiet, Passive Ventilator



Not Shown: Vari-pitch flue for pitched roof installations



DESIGNED FOR:

Industrial | Commercial | Institutional

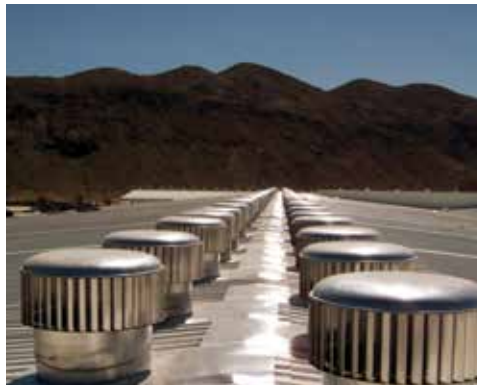


WAREHOUSE HEAT RELIEF

- Industrial storage on Great Lakes
- 25 Hurricanes vent hot air
- Keeps facility cool
- No power required
- Open in spring, close in fall

MANUFACTURING COOLING

- Manufacturer in Arizona
- Using ceiling fans to cool, wasn't working
- Installed Hurricanes down peak
- Lowered ambient temperature
- Ceiling fans became effective



ECOPOWER APPLICATION

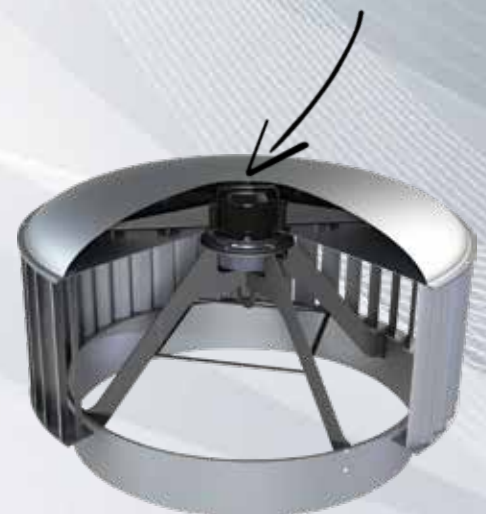
- Apartment building in Montreal
- 73 Ecopower units installed
- Hybrid ventilation shafts
- Minimal noise
- Efficient from the start
- Helped qualify for Green Building Certification

Ecopower® TURBINES

GUARANTEED EXHAUST RATES

- Utilizes brilliant Hurricane design with added EC motor
- Extremely efficient
- Dependable ventilation
- Free spinning under wind load
- Lightweight & quiet
- Outperforms competitors
- Unique hybrid ventilators
- Compatible with most BMS systems
- Minimal maintenance

Hidden EC Motor



Flexible, Heavy-Duty, Containment & Separation Partitions

Stainless Steel
Suspension Cables

Heavy Duty Rigid Pick-Up Tabs

Manual/Automatic Opening
and Closing Options

Durable Fabric Options For a
Variety of Applications

Rolls Up for Storage

100% Custom Manufactured
for Each Space

Aluminum Lightweight Keder Pipe

Floor Sealing Flap

Not Shown: Optional door &
window openings

DESIGNED FOR:

Industrial | Commercial | Agricultural



PRODUCTION HEAT CONTAINMENT

- Manufacturer in Toronto
- Production heat migrated throughout facility
- Installed curtain to contain
- Exhausted only hot air
- Significantly reduced building temperature

WAREHOUSE SEPARATION

- Distribution centre in Montreal
- Trying to separate leased space
- Installed Industrial Curtain
- Created a physically separated space

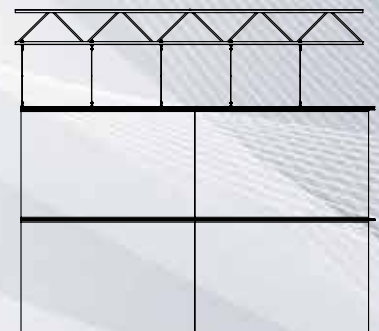


MAINTAINING FLEXIBILITY

- Expanding manufacturer in Detroit
- Needed to section space
- Installed curtain to divide but not permanently separate
- Light penetrating material ensured no other adjustments necessary

CURTAIN OPTIONS

- Automated or manual devices available for opening/closing
- All our curtains are custom made to your specifications
- Stainless steel cable is used for all main pull lines and curtain drop lines
- A heavy grade galvanized top and bottom curtain rod
- Multiple operating curtains with a central mounted tubular actuator for compact roll-up storage
- Available in a large selection of materials such as heavy duty, fire rated, breathable, shade cloth or insect screen



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