IMPROVING HEALTH, COMFORT, AND PRODUCTIVITY WITH FANS & TURBINES

COMMON PROBLEMS BUSINESSES FACE





Loss of productivity from excessive heat: For every degree rise in temperature above 77°F, productivity drops by 2%. The average drop in productivity caused by buildings with poor ventilation has an annual cost of \$60 billion.



Comfort: The #1 complaint to facility managers is temperature; the top 10 complaints of corporate tenants include poor indoor air quality.



Health risks from Sick Building Syndrome: The direct cost to the U.S. economy due to increased allergies, asthma, and sick building syndrome symptoms was estimated to be \$7-\$23 billion per year; a large portion was estimated to be in the form of worker compensation claims, health insurance premiums, and direct healthcare costs that were mostly borne by the claimants' employers.

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Toll Free 1-800-803-1083



HOW FANS & WIND TURBINES CAN HELP

LARGE DIAMETER FAN

Ideal for large floor areas with high ceilings

Blankets floor area with a constantly-moving air current to create an evaporative cooling effect

De-stratifies the air to create even, ambient temperatures

> Reduces condensation and humidity that promote mold and other allergens to grow

Variable frequency drive controls to adjust air output for year-round use Can be reversed in winter to promote heating effect

> Fan sizes from 8 feet to 24 feet in diameter with air movement diameters up to 230 feet

Inexpensive operation at 6 cents per hour for one fan at 0.75 KW (24 foot diameter fan uses less power than the average hair dryer)

Tubercle Technology[™] blades outperform conventional airfoils

7 FOOT DIRECTIONAL FAN

Ideal for areas with low ceilings, high rack aisles, and other spaces with obstacles that deter air flow

Adjustable air foils for one or two-directional use

Blows air 40 feet wide by 100 feet in two directions or 40 feet by 200 feet in one direction

Can reduce cooling and ventilation costs by up to 50%



Cools inhabitants, controls insects, keeps floors dry, and improves employee comfort and productivity

> Variable frequency drive controls to adjust air output for year-round use

One directional fan is equivalent to four large single-speed panel-aisle fans or eight 36" basket fans while using only half the power

Can be mounted from ceilings, building columns, or on a standing pole

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THE ADVANTAGE

Fans and turbines work together as a ventilation system: Large diameter fans destratify the air, while turbines exhaust the hot, stale air from your facility and replace with cool, fresh air. The large diameter and directional fans then blow this cooler air throughout the building.



Tubercle fan blades provide greater efficiency than other blades while lowering vibrations and noise.



All fans and turbines operate quietly and unobstructively.



15-year warranty.



Year-round use and benefits for all fans and turbines.



Most fan providers do not recommend large diameter fans to be run in reverse during the winter months to promote heating efficiencies - Large diameter fans can be run in reverse without sacrificing efficiency and with no impact on the warranty.



Virtually maintenance-free with recommended inspections every 20,000 hours (over 2 years running 24/7).



Fans have the ability to receive stop signals from your fire system, keeping you compliant with the National Fire Protection Agency Standard 13.

SOUTHWESTSOLUTIONSGROUP business efficiency systems

BENEFITS TO USING FANS & WIND TURBINES



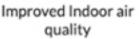


Increased Worker Comfort



Decreased workers' compensation claims and insurance premiums















INDUSTRIES USING FANS AND WIND TURBINES



Manufacturing & Warehouse Facilities



Automotive Facilities

Military & Government Facilities



Arenas

Athletic & Fitness Facilities

Airport Hangars



Agriculture & Livestock Facilities

Restaurants & Event Centers



Schools & Churches

Retail & Shopping Malls



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