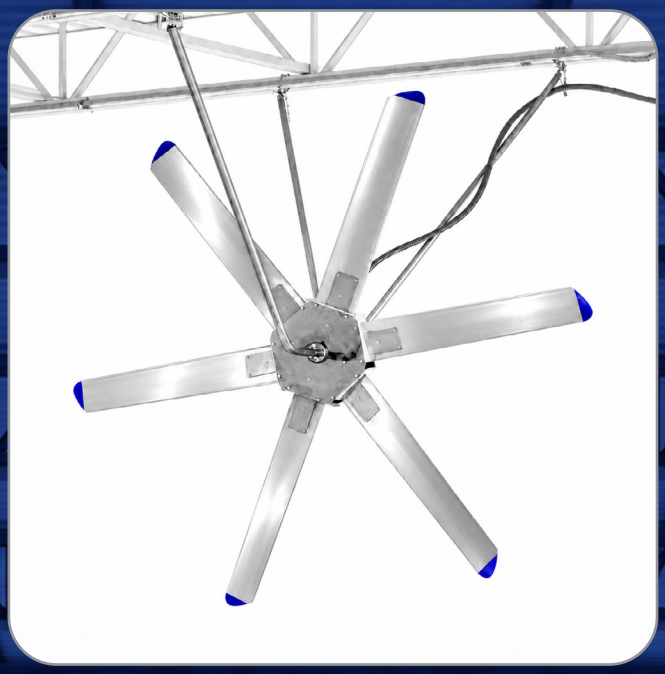
herkules Fans™

1.800.444.4351

MADE IN AMERICA

SIDEWAYS AIRFLOW | REDUCED ENERGY COSTS

SIDEWAYS



3-POINT TRUSS MOUNT

QUIET OPERATION

FULL CIRCULATION

ENERGY EFFICIENT

LIGHTWEIGHT

ONLY 45 lbs.

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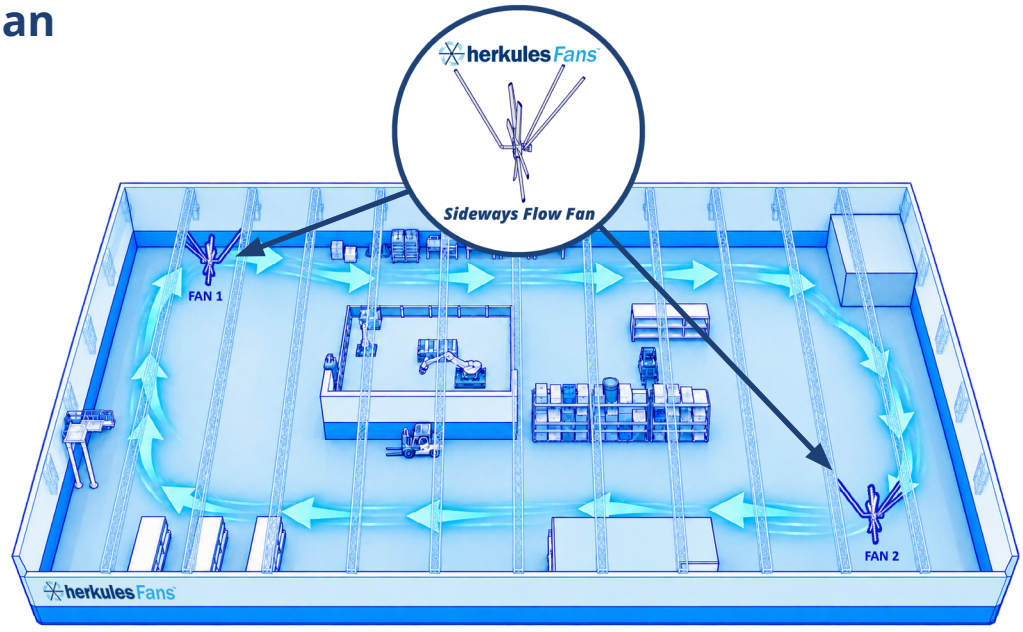
The Sideways Airflow Fan

Maximum Comfort. Lower Utility Bills.

- **Unique Vector:** Mounts to your ceiling truss to push massive airflow horizontally.
- **Superior Circulation:** Fewer fans work together to create more circulation than isolated downward-facing ceiling fans.
- **Summer Relief:** Keeps employees cool and productive, with or without AC.
- **Winter Savings:** Recovers trapped ceiling heat and drives it back to the floor.

Is This Fan Right for Your Facility?

- **18'+ Ceilings:** Optimized for high-clearance manufacturing and warehouse bays.
- **Truss-Mounting:** Attaches directly to overhead steel trusses to clear floor space.
- **7-Foot Operational Clearance Width:** The heavy-duty fan blades require a clearance of 7' diameter to rotate.
- **Floor Declutter:** Perfect for plants looking to eliminate noisy individual floor fans.



Herkules Fans (patents pending) bring together a breakthrough idea and advanced engineering designs to deliver affordable comfort for indoor spaces.

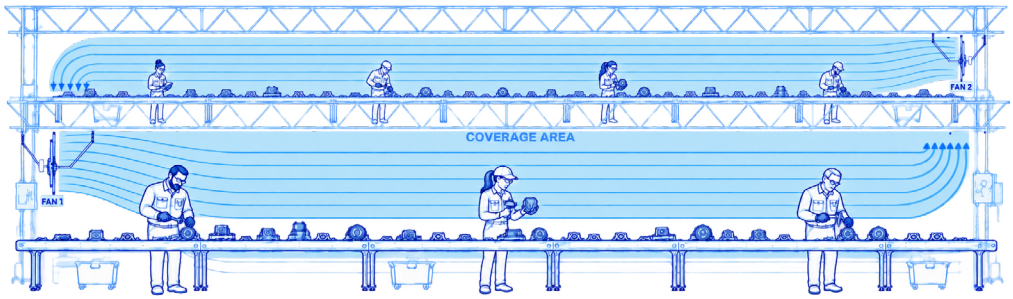
Herkules Sideways Airflow Fans vs. Downward-Facing Ceiling Fans

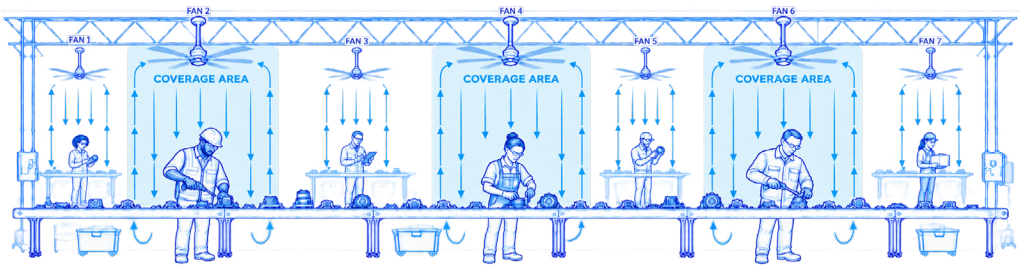
These images show how **2 Herkules sideways flow** fans could replace **7 conventional downward flow fans** and provide continuous circulation.

The Sideways Airflow Fan

Horizontal Flow (Continuous Circulation)

Herkules 7' horizontally mounted fans take up less ceiling space, so are easy to place. Each fan sweeps a large area feeding the next fan creating facility-wide air circulation people can feel. They are lightweight, efficient, and easy to install.





Conventional Ceiling Fans

Downward Flow (Localized Drafts)

A traditional ceiling-mounted fan must work against gravity, so it is generally HEAVIER and requires MORE POWER. It also does not work in conjunction with other fans so MORE FANS ARE NEEDED for effective air movement.

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2760 Ridgeway Court Walled Lake, MI 48390 - 1662
Toll free: 800-444-4351 | Phone: 248-960-7100 | Fax: 248-960-7109
E-mail: **info@herkules.us**

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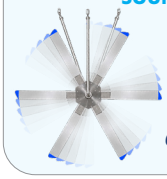
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Herkules Sideways Airflow Fans vs. Workstation Fans

When Herkules Equipment Corporation 7’ diameter ceiling fans are compared with traditional workstation fans used in a 100,000 sq. ft. facility, the energy savings and noise reduction are astounding.

SIDEWAYS AIRFLOW FAN SOUND LEVEL



Herkules Fans Run at a ***Quiet ~55 dB***

Which is the Same as ***Normal Conversation Level***

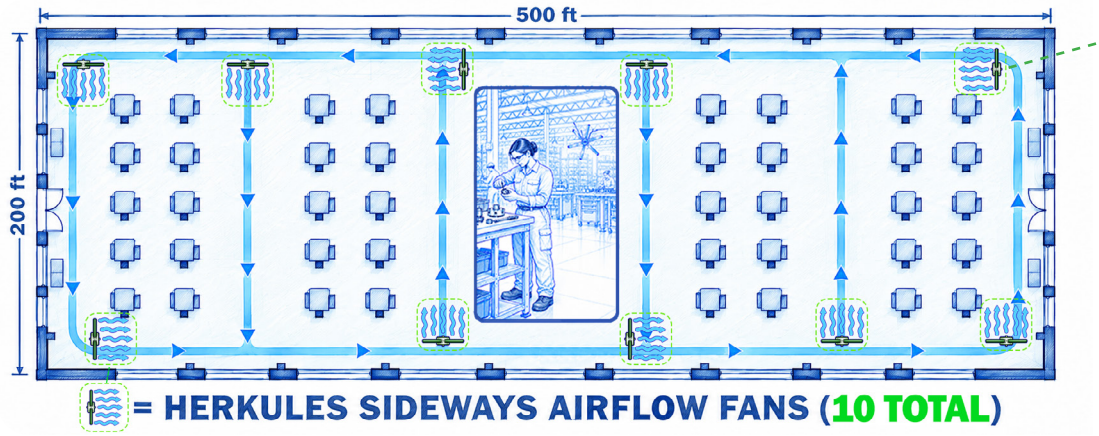


Before:

Traditional Workstation Fans

Fifty individual workstation fans positioned at fifty workstations as shown here.





After:

Herkules Sideways Airflow Fans

Ten Herkules fans positioned to provide facility-wide air circulation as shown here.

At-a-Glance Comparison (100,000 Sq. Ft. Facility)

Operational Metric	Standard Workstation Fans (Qty: 50)	Herkules 7’ Industrial Fans (Qty: 10)	The Herkules Advantage
Airflow Efficiency	30 CFM/watt	86 CFM/watt	Nearly 3x more air moved per watt
Total Power Draw	17 kW	3.5 kW	79.4% reduction in power demand
Seasonal Energy Usage	48,960 kWh	10,080 kWh	Save 38,880 kWh per season
Combined Noise Level	~87 dB (OSHA suggests hearing protection above ~85 dB - 8 hrs)	~55 dB (Normal conversation level)	A drastically quieter, safer floor
Floor Safety	50 floor units with trailing power cords	Ceiling-mounted out of pedestrian paths	Eliminates trip hazards and aisle clutter
Winter Utility	Idle; zero heating or air-mixing benefit	Low-speed destratification mixes air	Lowers heating bills by reclaiming trapped heat

Energy Savings: 1-Year vs. 5-Year Savings

Example based on **50 workstation fans** averaging 340 W each and **10 Herkules fans** averaging 350 W each, running continuously over a 4-month cooling season (2,880 hours) at $0.12/kWh.

1-Season Operating Cost

- 50 Workstation Fans: $5,875.20.
- 10 Herkules Fans: $1,209.60.
- Cooling-Season Savings: $4,665.60.

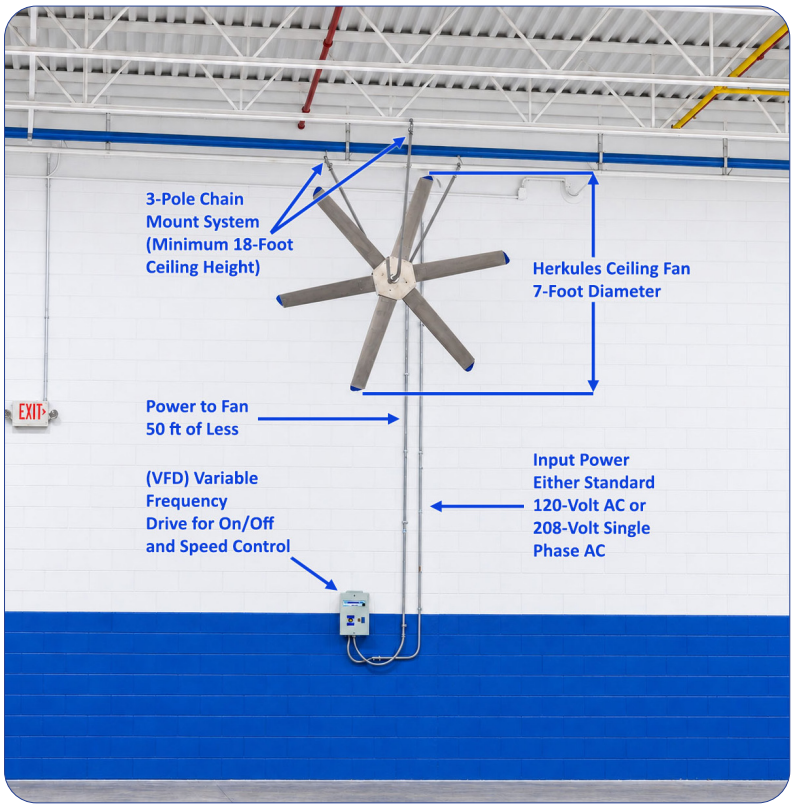
5-Year Projected Savings

- Over 5 cooling seasons, the Herkules network costs just $6,048.00 to run, compared with $29,376.00 for traditional individual fans.
- Total 5-Year Savings: $23,328.00.

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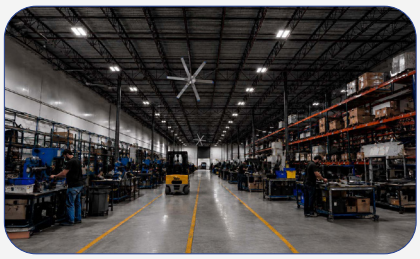
General Information



Specifications	
Motor	90% efficiency / Direct drive / 0.7 hp
Power Consumption	10 - 350 Watts (variable speed)
Input Power (Selectable)	120V, max. 14A OR 208V - 220V, single phase, max 10A.
Mount Type	Truss ceiling 3-point chain mount.
Fan Weight	45 lbs.
Noise Level	55 dB at 132 rpm.
Blades	Six aerodynamically optimized, aircraft-grade aluminum blades.
Speed Control	20 - 200 rpm.
Controller	On / Off; Push button operated; Speed control; attached to wall / post.

Applications

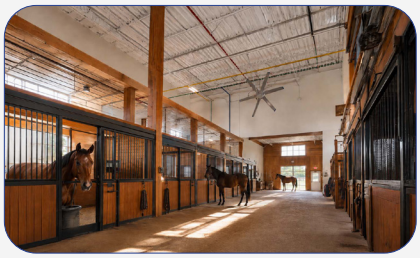
Here are a few examples of how Herkules Sideways Airflow Fans fit seamlessly in numerous applications.



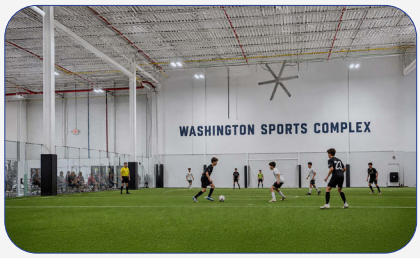
Manufacturing & Warehouse



Garage & Hangar



Farm & Agriculture



Sports & Entertainment

Contact Us

Our knowledgeable sales technicians are available to answer any questions you may have.



Contact us today! 1-800-444-4351

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