

Reduce Heating/Cooling Costs with Herkules Low Operating Cost Ceiling Fans

Made
in
USA

Effective Wind from Over 300 ft Away

- * The most efficient way to move air
- * Over 90% motor efficiency versus 35-75% Industry standard motor efficiency
- * Low power consumption 10-500 watts
- * Direct drive = maintenance free / no changing or adjusting belts
- * Variable speed
- * Weight - less than 45 lb
- * Input voltage 110 V (most common) or 240 V single phase

Sealed Motor Needs Zero Maintenance

Powerful Custom Direct Drive Motor. Unique in design compared to other fan gear box motors, Herkules fan motor is a custom DC brushless, direct drive motor with neodymium permanent rare earth magnets. Extremely long lasting and light-weight, it has no belts, drives or pulleys that need replacing. Manufactured with quality materials, the motor is fully sealed for resisting corrosion due to outdoor weather conditions or harsh working environments.

Efficient & Versatile Controller. The controller is fully programmable for speed so that the cooling effect of the room is comfortably adjustable.

Light-Weight Design Equates to Low Cost Operation

Patent-Pending Blade Design. The blades are manufactured using aircraft grade aluminum that encases a polyurethane foam core providing a strong, yet light-weight blade weighing only 1.5 pounds. As the blades are aerodynamically optimized with this design, they consume less energy, improve efficiency, and reduce operating costs.

Competitively Priced!

Compare our prices to other brand name ceiling fans. **SAVE MONEY** on the purchase price **and** operating costs for long term savings!

Sizes available. Herkules ceiling fans are available in the traditional sizes that most large facilities need - 48", 60", 84" and 120" diameters. Each fan includes six blades.



Check out our YouTube videos

800-444-4351



Herkules Equipment Corporation 2760 Ridgeway Ct. Walled Lake, MI 48390 Phone: 248-960-7100
Fax: 248-960-7109 Email: info@herkules.us Website: www.herkules.us

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General Facts

- * Shrouds on traditional fans are used to capture stray wind caused by inefficient blade design. Herkules fans eliminate the need for shrouds.
- * Noise is a sign of inefficiency. The decibel reading of the Herkules fan is low.
- * Belt drives can consume up to 10% of motor power or \$7/month per fan. Herkules fan has no belts.
- * The more cubic feet per minute (CFM) a fan produces the more cooling potential it has. Herkules fan produces a high amount of CFM.

Features & Differences

7' Herkules Fan

- * Larger cooling area with more consistent air speeds throughout the room
- * Variable speed allows for reduced power consumption on cooler days
- * Low startup current eliminates surges that can stall generators
- * Individual thermostats available
- * Engineered three dimensional airfoil blade
- * Direct drive
- * Decibel reading 55 db at typical operating speed of 132 rpm

Traditional Fans

- * Small spots of high wind
- * Not available
- * Not available
- * Not available
- * Stamped sheet blades or heavy cast blades
- * Belt drive to achieve desired speed
- * 70 decibels

Size:

Swept Area:

Power:

Thrust Efficiency Ratio:

Monthly Operating Cost:

Payback Over Traditional:

7 Foot

7' or 84"

5541 in²

400 watts

30 lb/kW

\$28.80

36 months

Traditional

52"

2123 in²

1200 watts

25 lb/kW

\$86.40

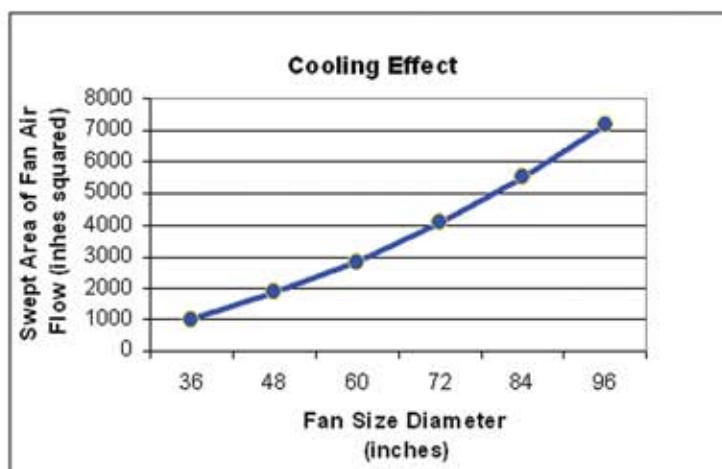
Advantage

2.6 X

3.0 X

1.2 X

\$57.60 Savings
per month



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