

THE PREMIUM QUALITY LINE FROM

**LEADING EDGE<sup>®</sup>**

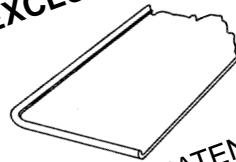
A Division of Marley Engineered Products

COMMERCIAL/INDUSTRIAL  
& SPECIAL APPLICATION  
**CEILING FANS**



**EXCLUSIVE LOW CEILING MODELS**

The only metal  
blade fans U.L. listed  
for mounting 7' blade  
height to floor.



U.S. PATENT NUMBER 5,645,403

**“World Leader in Ceiling Fan Systems”**

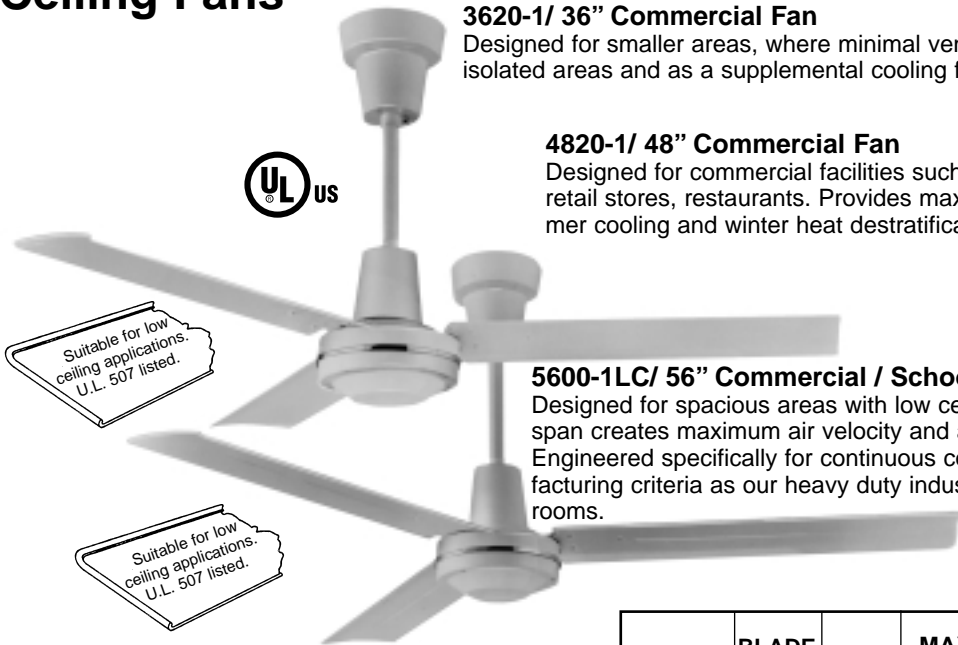
Visit our website at: [www.marleymep.com](http://www.marleymep.com)

**Only Leading Edge Offers These Exclusive Features.**

- The most powerful motors in the industry providing maximum air velocity.
- The only fans in the industry with documented University tested area coverage.
- Secondary support cable is standard equipment on all models in compliance with , (CSA C22.2)
- The only line of commercial ceiling fans meeting the U.L. requirements for low ceiling applications.

**HEAVY DUTY Commercial Ceiling Fans**

**Provides Superior Air Velocity and Efficiency, The Ideal School Classroom Fans (Models 48" and 56").**



**3620-1/ 36" Commercial Fan**

Designed for smaller areas, where minimal ventilation is required. Ideally suited for isolated areas and as a supplemental cooling fan.

**4820-1/ 48" Commercial Fan**

Designed for commercial facilities such as school classrooms, offices, retail stores, restaurants. Provides maximum area coverage for both summer cooling and winter heat destratification.

**5600-1LC/ 56" Commercial / School Classroom Fan**

Designed for spacious areas with low ceilings where larger blade diameter span creates maximum air velocity and area coverage at lower RPM's. Engineered specifically for continuous commercial use with the same manufacturing criteria as our heavy duty industrial line. Ideally suited for classrooms.

Suitable for low ceiling applications. U.L. 507 listed.

Suitable for low ceiling applications. U.L. 507 listed.

UL 507 states Ceiling Fans suspended from 7 feet to less than 10 feet (blade height to floor) must have minimum thickness of edge of blade 3/16"

**U.S. PATENT# 5,645,403**

MODEL	BLADE DIA.	VOLT.	MAX. CFM†	AREA COVERAGE PER FAN††	COLOR	SHIP WT.
36201	36"	120	12,500	1600 sq.ft.	White	20 lbs
48201	48"	120	21,000	2025 sq.ft.	White	22 lbs
56001LC	56"	120	25,500	3025 sq.ft.	White	24 lbs

Note: Supplied with 8" and 24" downrods.  
 † Effective amount of air volume moved past a plane 20ft. from fan. All specifications subject to change and improvement.  
 †† Area coverage rated for heat destratification at 20' blade mounting height. Maximum continuous operation ambient temperature 105°F

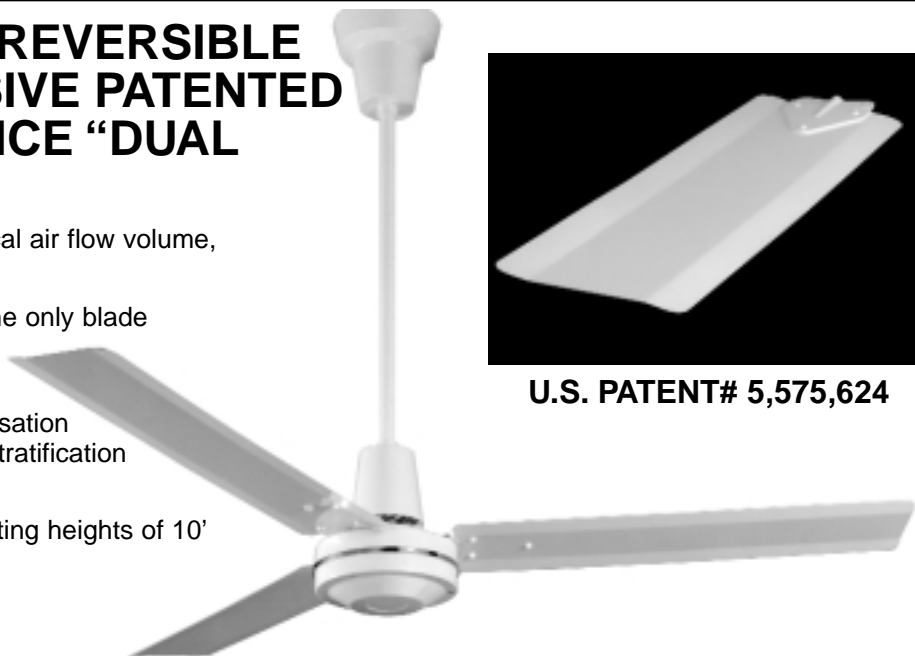
**NEW INDUSTRIAL REVERSIBLE FAN WITH EXCLUSIVE PATENTED HIGH PERFORMANCE "DUAL PITCH" BLADE.**

Finally a fan that provides the identical air flow volume, in either forward or reverse rotation.

The dual pitch blade (Patented), is the only blade designed for maximum reverse direction air flow.

Ideally suited for exhausting, condensation removal and prevention, reverse destratification and other draft free applications.

For industrial applications with mounting heights of 10' or higher.



**U.S. PATENT# 5,575,624**

- Aerodynamically contoured heavy-duty blade design provides maximum area coverage, will not warp in high temperatures.
- Perfectly balanced motor and blades for wobble-free performance.
- Thermal-overload protection, (Texas Instruments) built-in, self-resetting.
- Corrosion resistant, durable epoxy enamel paint finish over electrostatically applied powdered primer base.

## HEAVY DUTY/HIGH PERFORMANCE Industrial Ceiling Fans



### 56" Reversible Fan 5630-1RDP

Finally a fan that provides the identical air flow volume, in either forward or reverse rotation.

The dual pitch blade (Patented), is the only blade designed for maximum reverse direction

Ideally suited for exhausting, condensation removal and prevention, reverse destratification and other draft free applications

For industrial applications with mounting heights of 10' or higher.

**U.S. PATENT# 5,575,624**

### Maximum Area Coverage at Lowest Total Installed Cost.

5600-1 / 5601-1 / 5600-2 / 5600-7 /  
56" Industrial Fans

Engineered and designed for spacious applications where maximum area coverage is required.

Designed for both winter heat destratification and summertime cooling.

Designed for general applications for above average area coverage and cooling velocity. Ideally suited for factories, gymnasiums, high bay storage facilities.

Powerful, heavy-duty motor for mounting heights to 45 feet.

**6000-1 / 6001-1 / 60"**

This is the world's most powerful ceiling fan. Its massive contoured blade design and high RPM efficiency creates the largest square foot area coverage and cooling effectiveness available. Capable of heat destratification to heights of 75 feet.

MODEL	BLADE DIA.	VOLT	MAX. CFM†	AREA COVERAGE PER FAN††	COLOR	SHIP WT.
56001	56"	120	27,500	3800 sq.ft.	White	24 lbs
56011	56"	120	27,500	3800 sq.ft.	Brown	24 lbs
56002	56"	220	26,000	3800 sq.ft.	White	24 lbs
56007	56"	277	26,000	3800 sq.ft.	White	24 lbs
60001	60"	120	46,000	5000 sq.ft.	White	30 lbs
60011	60"	120	46,000	5000 sq.ft.	Brown	30 lbs
56301RDP*	56"	120	27,000	3800 sq.ft.	White	24 lbs

Note: Supplied with 24" downrods.

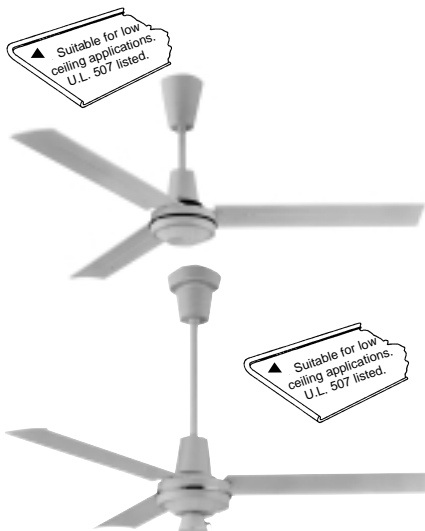
† Effective amount of air volume moved past a plane 20ft. from fan, industry test. All specifications subject to change and improvement.

†† Area coverage rated for heat destratification at 20' blade mounting height.

Maximum continuous operation ambient temperature 105°F

\*Reversible fan includes remote mounted toggle switch suitable for up to 12 fans. Switch requires pulling 4 wires (not including ground) from fan to switch.

## Specialty Ceiling Fans



### 3-Speed Pull Chain

For spot cooling in areas where wall switches are not desired. Also designed for production areas where single unit designation operation is required.

### 5610-1 / 6010-1 Harsh Environment Ceiling Fans

Designed and engineered specifically for food processing plants, wet factory locations, exposed shipping areas, outdoor restaurants, agricultural applications such as poultry houses and greenhouses.

MODEL	BLADE DIA.	VOLT.	MAX. CFM†	AREA COVERAGE PER FAN††	COLOR	SHIP WT.
<b>HARSH ENVIRONMENT MODELS</b>						
▲ 56101	56"	120	25,500	3025 sq.ft.	White	24 lbs
60101	60"	120	41,000	5000 sq.ft.	White	30 lbs

Note: Supplied with 12" finished downrods.

MODEL	BLADE DIA.	VOLT	MAX. CFM†	AREA COVERAGE PER FAN††	COLOR	SHIP WT.
<b>3-SPEED PULL CHAIN MODELS</b>						
▲ 48203*	48"	120	27,500	3800 sq.ft.	White	23 lbs
▲ 56003*	56"	120	25,500	3025 sq.ft.	White	26 lbs

\*3-Speed Pull Chain

MODEL	BLADE DIA.	VOLT.	MAX. CFM†	AREA COVERAGE PER FAN††	COLOR	SHIP WT.
<b>THEATER FAN MODELS</b>						
▲ 48201B	48"	120	21,000	2025 sq.ft.	Black	22 lbs
▲ 56001B	56"	120	21,000	2025 sq.ft.	Black	24 lbs

3 YEAR WARRANTY REGISTRATION AGAINST MANUFACTURERS DEFECTS IS INCLUDED WITH EACH FAN.

† Effective amount of air volume moved past a plane 20ft. from fan, industry test. All specifications subject to change and improvement.

†† Area coverage rated for heat destratification at 20' blade mounting height.

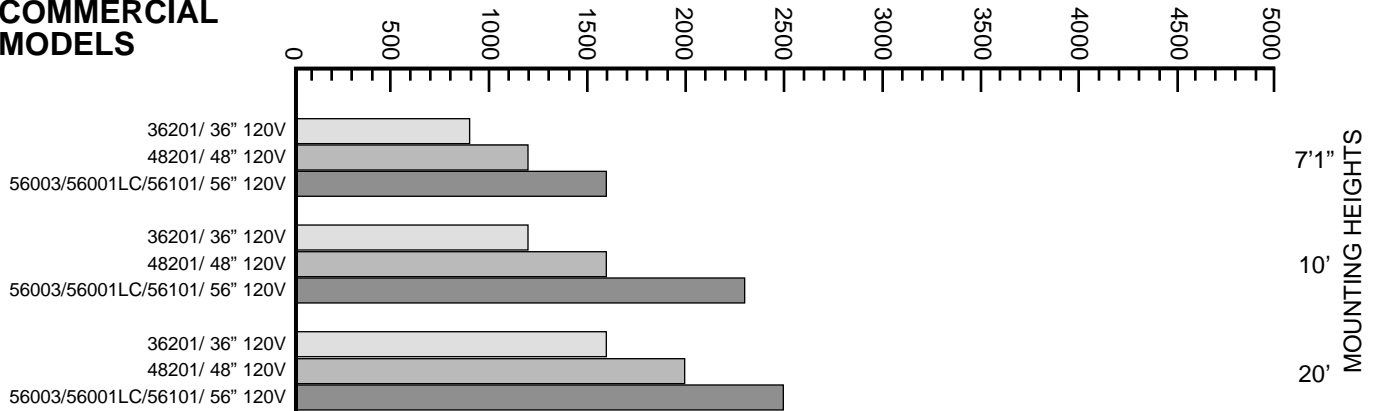
Maximum continuous operation ambient temperature 105°F

# Only Leading Edge provides university documented performance data.

Compare this exclusive data to any other fan available.

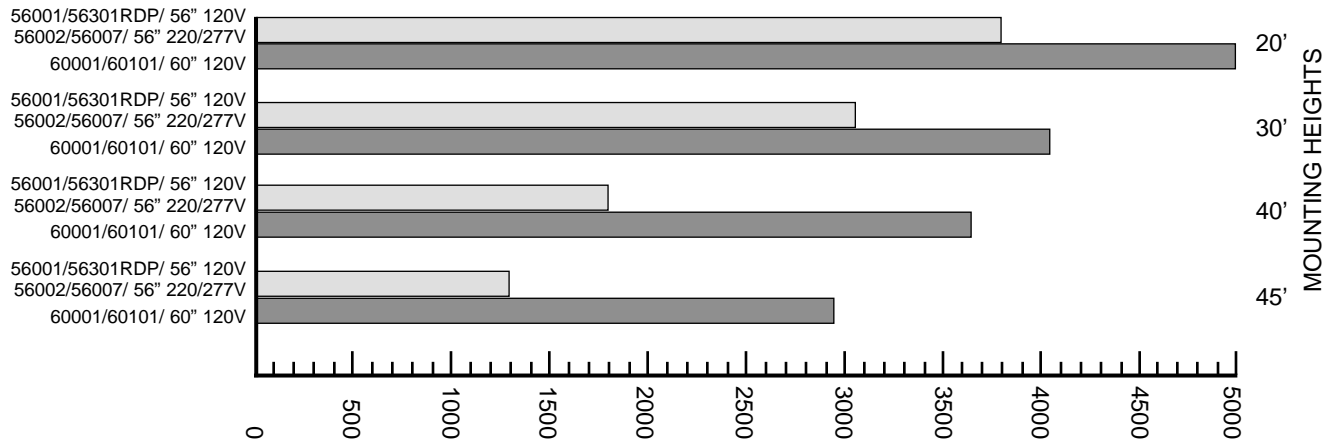
AREA COVERAGE SUMMARY BY FAN BY HEIGHT

## COMMERCIAL MODELS



## INDUSTRIAL & SPECIAL APPLICATION MODELS

TOTAL SQUARE FOOT AREA COVERAGE



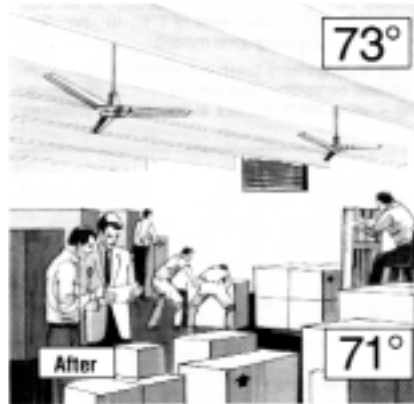
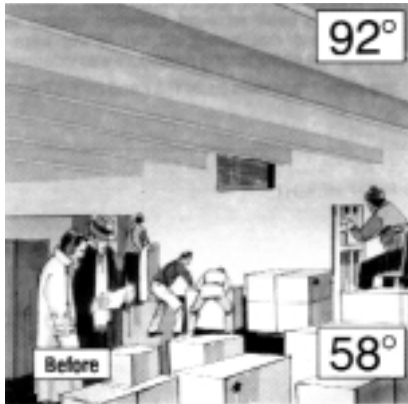
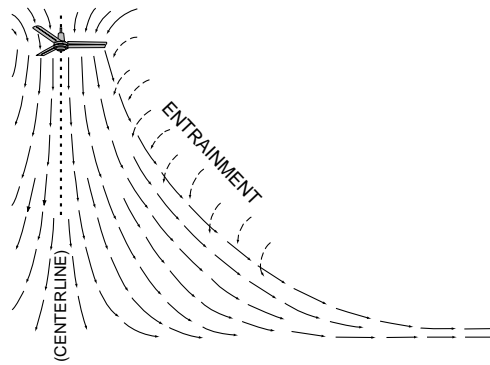
## HEAVY DUTY COMMERCIAL MODELS

TOTAL AREA COVERAGE TABLE IN SQUARE FEET

BLADE HEIGHT FROM FLOOR	36201	48201 48203	56001LC 56003 56101	56001 56301RDP	56002 56007	60001 60101
	45'	-	-	-	1225 Ft. <sup>2</sup> 35' x 35'	
40'	-	-	-	1800 Ft. <sup>2</sup> 42' x 42'		3600 Ft. <sup>2</sup> 60' x 60'
30'	-	-	-	3025 Ft. <sup>2</sup> 55' x 55'		4000 Ft. <sup>2</sup> 63' x 63'
20'	1600 Ft. <sup>2</sup> 40' x 40'	2025 Ft. <sup>2</sup> 45' X 45'	3025 Ft. <sup>2</sup> 55' X 55'	3800 Ft. <sup>2</sup> 62' X 62'		5000 Ft. <sup>2</sup> 71' X 71'
10'	1225 FT. <sup>2</sup> 35' X 35'	1600 FT. <sup>2</sup> 40' X 40'	2300 FT. <sup>2</sup> 48' X 48'	-		-
7'1"	900 FT. <sup>2</sup> 30' X 30'	1225 FT. <sup>2</sup> 35' X 35'	1600 FT. <sup>2</sup> 40' X 40'	-		-

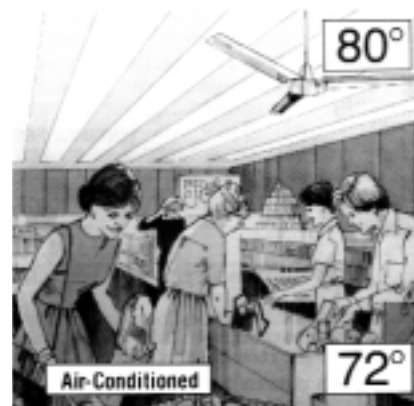
NOTE: Above area coverage calculations are for heat destratification.

# DUAL PURPOSE ENERGY CONSERVATION SYSTEM



## THE HEAT-DROPPER® CONCEPT AND HOW IT WORKS

**WINTER**-Recovers wasted heat by eliminating heat stratification. Trapped warm air at the ceiling caused by natural heat rise and poor air circulation is equalized by the movement of the massive blade span. Thus ceiling to floor temperature is equalized. With a heat cost savings of 30k percent, the LEADING EDGE fan system can pay for itself in one year. The elimination of cold spots increases employee productivity and comfort.

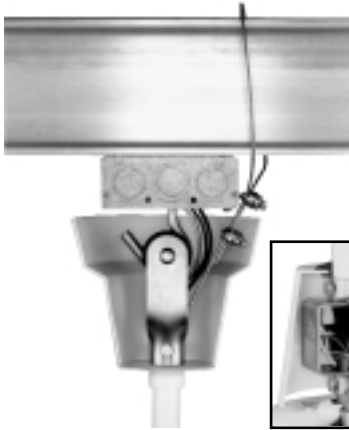


**SUMMER**-General air recirculation in non air-conditioned buildings creates a cooling breeze and a "Wind Chill Factor" providing evaporation cooling of the skin surface dropping shin temperature by 6 degrees. The LEADING EDGE fan system supplements air-conditioned buildings by allowing the thermostat settings to be 8 degrees higher. You'll feel the coolness of 72 degrees with the thermostat set on 80 degrees - an incomparable energy savings. Additional advantages, eliminates mold and mildew caused by stagnant air, perfect for high humidity areas. No other fan has our higher air velocity capabilities. Small fans do not develop sufficient CFM to be effective in warm weather.

# Compare these Exclusive Features!

## “SECONDARY SUPPORT” CABLE Now Standard Equipment on all models.

This new “Secondary Support” cable complies with existing CSA (Canadian Standards Association) requirements and all other proposed safety regulations for overhead air movement equipment.



### EXCLUSIVE SHAFT CONNECTION

By attaching directly from the beam to the permanent motor shaft this “Secondary Support” cable protects against any possible failure or improper installation of the fan J hook, upper yoke assembly, rod, lower yoke assembly and related hardware.

### SPECIFICATION FEATURES:

- Pre-Installed directly to permanent shaft for maximum protection and easy installation.
- 6' length of heavy-duty 7x7 1/8" galvanized cable.
- Rated breaking strength of 1700 lbs.
- Galvanized U-bolt wire clips (2) included for attachment to beam structure for extra strength and security.
- CSA (Canadian Standards Association) listed (Standard C22.2 Sept. 1986)

## OPTIONAL MOTOR SPEED CONTROLS

Only Leading Edge motor speed controls are custom engineered, manufactured and U.L. listed to all Leading Edge Fans.

- For single and multiple fan installations.
- Dial-on/off switch allows high-to-low variable speed control above factory-set “anti-stall” level of 50 VAC.

Available in 3, 8, 12 Amp Models, 120/220/277 Volt

3 Amps

8 Amps

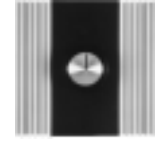
12 Amps



Models:  
12003  
22003  
27703



Models:  
12008  
22008  
27708



Models:  
12012  
22012  
27712



Model: 12001N  
For Single Fan

Model: 12005N  
For Two Fans

Models:  
12001N  
12005N

## IMPACT RESISTANT CEILING FAN GUARDS

EXTRA HEAVY-DUTY, TOTALLY ENCLOSED IMPACT RESISTANT CEILING FAN GUARD FOR SCHOOL GYMNASIUMS, INDOOR AREAS, PUBLIC ARENAS, ETC.



MODEL NUMBER	ITEM	SHIP WT.
28001	FAN GUARD 62" DIAMETER FOR INDUSTRIAL 56" AND 60" FANS ♦	50
28002	FAN GUARD 52" DIAMETER FOR COMMERCIAL 36" AND 48" FAN ONLY ♦	40
9FP024	WHITE TILTED CANOPY COVER - BROWN( 9FP023), BLACK( 9FP023B)	1
9D12BW	DOWNRODS - 12"	1
9D18BW	DOWNRODS - 18"	1
9D36BW	DOWNRODS - 36"	3
9D48BW	DOWNRODS - 48"	4
99992	OUTDOOR LOCATION INSTALLATION KIT*	1

Custom models available. Consult with factory for information and specifications.

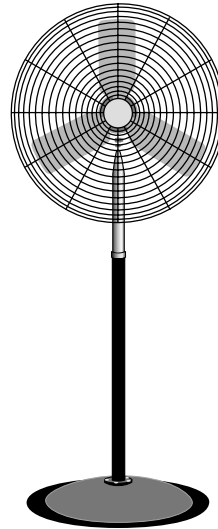
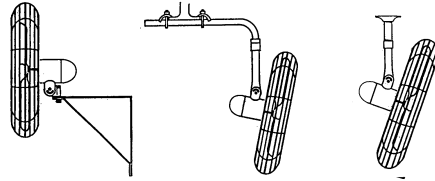
- Use only with heavy-duty / industrial models - Not recommended for low ceiling applications.

♦ Fan Guards ship via UPS

\*Only for use with harsh environment fans.

# COMMERCIAL, INDUSTRIAL AND EXTRA HEAVY DUTY AIR CIRCULATORS

Now Available  
**277 Volt**

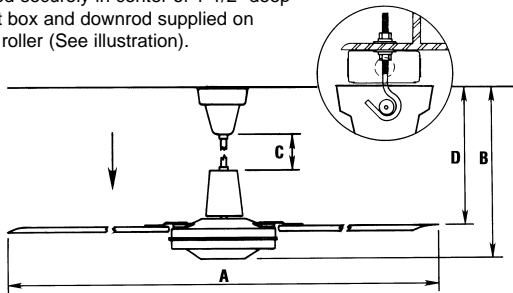


Available in 18", 20", 24", 30" and 36". 15 models oscillating and non-oscillating available for Pedestal Mount, Wall, Ceiling, or I-Beam Mount applications.

Available in all world voltages  
120, 220 and 277 volts.

Call for our new  
8 page catalog.

NOTE: All measurements are calculated from ceiling or beam line with "J" hook mounted securely in center of 1-1/2" deep conduit box and downrod supplied on rubber roller (See illustration).



## SUGGESTED CEILING FAN SPECIFICATIONS

Ceiling fans to be furnished as specified, Leading Edge, Inc. Fans to be U.L. listed Standard 507 with matching U.L. listed solid state controls. All motors to be direct-drive permanent split capacitor type, with permanently sealed ball bearings. All motors to have built-in, self-resetting (internal) thermal overload protector model TI9700, Fan Model \_\_\_\_\_, Blade Diameter (sweep) \_\_\_\_\_, Primary Voltage \_\_\_\_\_, motor to be totally enclosed, Full Speed Watts to be \_\_\_\_\_, RPM to be \_\_\_\_\_, CFM to be \_\_\_\_\_ and Area Coverage Per Fan to be \_\_\_\_\_ Sq. Ft. Performance shall be certified by AMCA, an independent laboratory or a University Engineering department with documented testing.

All fans to have factory installed Secondary Support Cable Assembly connected to motor shaft, with minimum 6 feet galvanized cable 1/8" 7x7 with rated breaking strength of 1700 lbs and must comply with CSA std. C22.2 Sept, 1986.

Fan blades to be straight with contoured shaped design for maximum efficiency. Note: Fans installed with blade height less than 10' from floor must have rolled edge blades minimum 3/16" thick in compliance with U.L. 507. Fans to be labeled in accordance with U.L. 507 "Mounted blade height to floor of 7 feet acceptable".

Fans used with motor speed controls must be labeled in accordance with U.L. 507 "Suitable for use with solid state motor speed controls."

Factory supplied accessories to include:

- A) Solid state motor speed controls (U.L. listed)
- B) Special length downrods
- C) Totally enclosed impact resistant fan guard
- D) Tilted canopy cover
- E) Outdoor location installation kit

## CEILING FAN DIMENSIONS\*

MODEL SERIES	MODELS SUPPLIED WITH 24" DOWNROD			
	A	B	C	D
36201†	36"	33-1/2"	19"	30-1/2"
48201†	48"	33-1/2"	19"	30-1/2"
48203†	48"	35-1/2"	19"	30-1/2"
56001LC†	56"	33-1/2"	19"	30-1/2"
56003†	56"	35-1/2"	19"	30-1/2"
56301RDP	56"	33-1/2"	19"	30-1/2"
56001**	56"	33-1/2"	19"	30-1/2"
60001	60"	34"	19"	30-3/4"
MODELS SUPPLIED WITH 12" DOWNROD				
56101	56"	21-3/4"	5-1/2"	18-1/2"
60101	60"	22"	5-3/4"	18-1/2"

\* Allow for 1/2" variance in "J" hook depth.

\*\* Identical measurements for 220 volt and 277 volt models.

† Note for models supplied with shorter 8" downrod subtract 13" from measurements scale "C".



FAN MODELS AND ACCESSORIES SUMMARY

**HEAVY DUTY COMMERCIAL MODELS**

MODEL NUMBER	BLADE SWEEP	COLOR	VOLTS	CYCLE	FULL LOAD AMPS	FULL LOAD WATTS	RPM	MAX CFM†	AREA COVERAGE PER FAN††	WEIGHT
3620-1	36"	WHT	120	50/60	.65	75	395	12,500	1600 sq.ft.	20 lbs
4820-1	48"	WHT	120	50/60	.85	86	315	21,000	2025 sq.ft.	22 lbs
5600-1LC	56"	WHT	120	50/60	1.0	110	265	25,500	3025 sq.ft.	24 lbs
CPF56	56"	WHT	120	50/60	1.0	110	265	24,000	3025 sq.ft.	24 lbs
56HRCF	56"	WHT	120	50/60	0.8	96	330	19,800	3025 sq.ft.	24 lbs

**SPECIAL APPLICATION MODELS**

4820-1B	48"	BLACK	120	50/60	.85	86	315	21,000	2025 sq.ft.	22 lbs
4820-3*	48"	WHT	120	50/60	.85	86	315	21,000	2025 sq.ft.	23 lbs
5600-1B	56"	BLACK	120	50/60	1.0	110	275	27,500	3800 sq.ft.	24 lbs
5600-3*	56"	WHT	120	50/60	1.0	110	265	25,500	3025 sq.ft.	26 lbs
5630-1RDP**	56"	WHT	120	50/60/60	1.0	110	275	27,500	3800 sq.ft.	24 lbs

**HARSH ENVIRONMENT MODELS\*\*\***

5610-1	56"	WHT	120	50/60	1.0	110	265	25,500	3025 sq.ft.	24 lbs
6010-1	60"	WHT	120	50/60	6.4	160	280	41,000	5000 sq.ft.	30 lbs

\*3-Speed Pull Chain locations

\*\*Reversible, includes toggle switch

\*\*\*Requires installation kit for outdoor

**HEAVY DUTY INDUSTRIAL MODELS**

5600-1	56"	WHT	120	50/60	1.0	110	275	27,500	3800 sq.ft.	24 lbs
5601-1	56"	BRN	120	50/60	1.0	110	275	27,500	3800 sq.ft.	24 lbs
2600-2	56"	WHT	220	50/60	.52	110	260	26,000	3800 sq.ft.	24 lbs
5600-7	56"	WHT	277	50/60	.60	110	260	26,000	3800 sq.ft.	24 lbs
6000-1	60"	WHT	120	50/60	1.4	160	315	46,000	5000 sq.ft.	30 lbs
6001-1	60"	BRN	120	50/60	1.4	160	315	46,000	5000 sq.ft.	30 lbs

**ACCESSORIES & MISCELLANEOUS ITEMS**

MODEL NUMBER	ITEM
2800-1	• FAN GUARD 62" DIAMETER FOR INDUSTRIAL 56" AND 60" FANS ♦
2800-2	FAN GUARD 52" DIAMETER FOR COMMERCIAL 36" AND 48" FAN ONLY ♦
9999-4	TILTED CANOPY COVER
9999-0	DOWNRODS - 8", 12", 24", 30", 36", 48" (FOR LONGER SIZES - CONSULT FACTORY)
9999-2	OUTDOOR LOCATION INSTALLATION KIT

• Use only with heavy-duty industrial models

♦ Fan Guards ship via UPS

Custom models available. Consult with factory for information and specifications.

**OPTIONAL SOLID STATE MOTOR SPEED CONTROLS**



MODEL NUMBER	VOLTS	AMPS	CONTROLS					
			CONTROLS 36"/120 3620-1 UNITS	CONTROLS 48"/120 4820-1 UNITS	CONTROLS 56"/120 5600-1 5630-1RDP 5610-1 UNITS	CONTROLS 56" 220/277 5600-2 5600-7 UNITS	CONTROLS 60"/120 6000-1 6010-1 UNITS	
12003	120	3	3	2	2			1
12006	120	6	7	5	5			3
12008	120	8	10	6	6			4
12012	120	12	12	10	10			8
22003	220	3					2	
22008	220	8					6	
22012	220	12					8	
27703	277	3					2	
27708	277	8					6	
27712	277	12					8	

**NOISELESS MECHANICAL CONTROL**

12001N	120	1		1	1			For use with 48" and 56" models only.
12005N	120	5		2	2			

3 YEAR WARRANTY REGISTRATION AGAINST MANUFACTURERS DEFECTS IS INCLUDED WITH EACH FAN.

† Effective amount of air volume moved past a plane 20ft. from fan, industry test. All specifications subject to change and improvement.

†† Area coverage rated for heat destratification at 20' blade mounting height.

DISTRIBUTED BY:



**Marley**  
Engineered Products

SPX Corporation  
470 Beauty Spot Rd. East  
Bennettsville, SC 29512 USA  
www.marleymep.com  
1-800-642-HEAT

ZBL-LECFA