

E-CF-D Series Industrial & Commercial Ceiling Fans

- 120-Volt / single phase, 60HZ electrical service
- Permanently sealed ball bearing brushless DC motor provides maintenance free and quiet operation
- Low energy consumption – high efficiency performance
- White power coated finish on steel motor housing & downrod
- White polymer 3-paddle blade system designed for quiet operation
- Includes 24" stainless steel safety cable kit
- Easy to mount to the supplied steel J-Hook connection
- Satisfies the U.S. Department of Energy's "Energy Guide" requirements
- ETL Listed for USA & Canada
- 5-year limited warranty
- Imported to TPI specifications
- California residents [see Prop 65 Warnings](#)

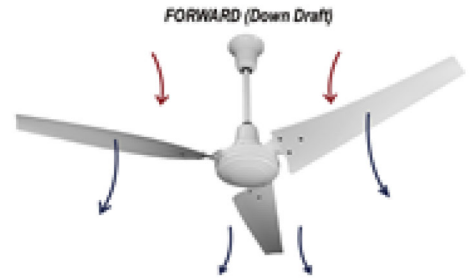


Image shown is a representation, actual product may vary. Not all options shown are available on all models



For cooling effect during the hot summer months operate fan blades in the forward or counter-clockwise rotation. This provides a down draft airflow by forcing the room air towards the floor giving a wind chilled cooling effect.

During the winter months heat rises, so the fan blades should be operated in reverse position, or clockwise rotation. This provides an up draft airflow by forcing the room air towards the ceiling. This pushes the trapped warm air down and out towards the perimeter of the room. Thus providing better distribution of heat without the chilling effect.

Description: Industrial & Commercial Ceiling Fans

TPI Corporation presents our new energy saving Industrial Ceiling Fan Series. We are providing three models with the most cost-effective way to move large volumes of air in any indoor building, and even outdoor areas to meet your application needs.

Two units are offered in 56" or 60" overall diameter with a moisture resistant motor; see E-CF-D Series. These units are direct wired, and can be used indoors or protected outdoor environments. They contain forward/reverse switch for either down draft or up draft year round operation. These units are suitable for use with our solid state speed controls; E-C-CF-D Series.

Our model E60-CFC-D has a 60" diameter blade system and is approved for indoor and outdoor applications. This unit comes with a molded 3-prong cordset and wall mount speed controller, and is reversible.

All three models include a 3-paddle polymer blade assembly. The blades are moisture resistant and made from ABS UV stable injection molding system for higher efficiency performance. Polymer blades are designed to operate quieter, and are much less susceptible to balancing issues such as alternative steel or aluminum blade materials.

These units have a more powerful motor allowing it to swing the heavier polymer blades to create high volume of air velocity or heat de-stratification for year round operation. Ideal for workshops, repair garages, retail stores, patios, warehouses, material handling areas, factories, and anywhere cooling and pulling trapped heat from the ceiling is needed.

E60-CFC-D Features:

- 60" overall diameter
- 18" steel downrod, 1" O.D.
- J-Hook connector has a 3/8" O.D.
- Corded model with molded 3-prong ground 16" long cordset
- Speed control switch device included for wall mount installation
- Reversible
- Meets ANSI/UL 507 testing standards
- IP65 rated equivalent
- Unit is suitable for use in wet locations when installed with a GFCI protected branch circuit
- Carton Size: 33.3" x 10.6" x 9.3"

E60-CFC-D Standard Model

Catalog Number	Model Number	Blade Size	Airflow / Type	Voltage	Amp	Wattage	CFM	Motor RPM	Motor Type	Connection Type	Speeds	Weight (lbs)
08220202	E-60-CFC-D	60"	Forward/Reverse	120	.46	30	7234	240	Wet Rated	Cord	5 Speeds	17.2

E56-CF-D & E60-CF-D Features:

- 56" or 60" overall diameter
- 18" steel downrod, 1" O.D.
- J-Hook connector has a 5/16" O.D.
- Direct 4-wire connection with 24" long lead wire, non-corded
- Forward and reverse available when used with optional speed control.
- Use speed control accessory; TPI Model # E-C-CF-D
- Moisture resistant motor for damp locations for either indoor or protected outdoor applications (where the unit will not be in direct contact with rain or water)

- Carton Size: 27.8" x 10.6" x 9.3"

E56-CF-D & E60-CF-D Standard Models											
Catalog Number	Model Number	Fan Style Type	Blade Size	Speeds	CFM	Motor RPM	Voltage	Amp	Connection Type	Color	Weight (lbs)
08220002	E-56-CF-D	Forward/Reverse Direct Drive*	56"	5 Speeds*	6858	255	120	.46	Lead Wire	White	15.7
08220102	E-60-CF-D	Forward/Reverse Direct Drive*	60"	5 Speeds*	7234	240	120	.46	Lead Wire	White	15.9

*Requires optional speed control accessory TPI Model # E-C-CF-D

Solid State Control			
Catalog Number	Image	Model Number	Description
08220302		E-C-CF-D	DC Speed Controller (Max Fans Controlled: 4)

Note:

- DC speed controller control knob aluminum plate fits 2" x 4" opening.

Area Calculation & Number of Required Ceiling Fans:

- EXAMPLE 1:
If you had a 3,000 square foot facility with 16' ceilings:
Calculation (Total Sq.Ft. / Coverage Area): $3,000/1,000 = 3.0$
Total # of fans needed = 3
- EXAMPLE 2:
If you had a 10,000 square foot facility with 13' ceilings:
Calculation (Total Sq.Ft. / Coverage Area): $10,000/800 = 12.5$
Total # of fans needed = 12

What to Measure: Square Feet & Ceiling Height

Ceiling Height (feet)	Coverage Area (square feet)	Fan Diameter
10 - 11	600	56"
12 - 13	800	
14 - 15	900	
16 - 17	1000	
18 - 19	1100	
20+	1200	60"