

Ceiling Fans - 120V and 277V



Continuous Duty ... Reduces Energy Costs

Features

MARK I

- All Mark Ceiling Fans are Painted with Electro-Static White Paint
- Shipped Complete with Safety Cable Included
- Two Down Rods with Each Fan (Included)
- 1 Year Commercial Warranty
- UL / CUL Listed
- Non Reversible



MARK VI

- **Jetproof Models Only** - Preassembled with Watertight Power Cord and Safety Cable
- **Jetproof Models Only** - Moisture and Dust Resistant
- Shipped Complete with Safety Cable Included
- Down Rods Included with Each Fan
- 2 Year Commercial Warranty
- Non Reversible
- UL Listed

120V Model Ceiling Fans

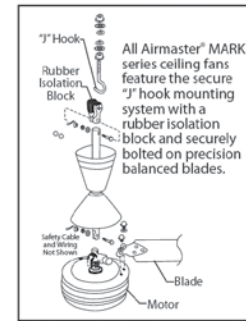
EDP No.	Catalog No.	Color	Prop Dia.	Down Length* both included	CFM	RPM	Amps	Watts Full Speed	Ship Wt.
40132	MARK I ♦	White	56"	30" 15"	26400	290	0.50	65	15
40138	D56BR ♦	Walnut Brown	56"	30" 15"	26400	290	0.50	65	15
40123	MARK VI-115	White	56"	32" 14"	32900	311	1.12	120	17
40129	MARK VI Jetproof (JP-CP)	White	56"	24"	32900	311	1.12	12	16

*Down Length measurement from ceiling to bottom of motor.

♦ Recommended for quiet applications, such as churches or schools, when using Variable Speed Control as produces least audible harmonics.

Accessories for 120V Models Only

EDP No.	Catalog No.	Description	Ship Wt.
24855	485210	Variable Speed Control Regulates 1 to 6 fans. Not to exceed a made amp draw of 6.0	1
24860	596321	Variable Speed Control Regulates 7 to 12 fans. Not to exceed a maximum amp draw of 10.0	1
24880	H-1	Humiditat 20% to 80% RH range.	1



277V Model Ceiling Fans

EDP No.	Catalog No.	Prop Dia.	Down Length both included	CFM	RPM	Amps	Watts Full Speed	Ship Wt.
40124	MARK VI-277	56"	32" 14"	32900	307	0.31	125	16

Multiple fans, wire in parallel. Ambient temperature for all models is 104°F (40°C) State and local electrical codes apply to all installation procedures

Accessories for 277V Models Only

EDP No.	Catalog No.	Description	Ship Wt.
24848	374111	Variable Speed Control, 277V, 1 to 3 fans 1.5 Amps	1



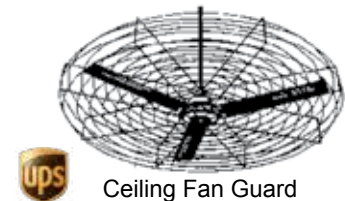
Variable Speed Control



Humidistat

Accessories for all Ceiling Fans

EDP No.	Catalog No.	Description	Ship Wt.
40006	UCFG	Protective Ceiling Fan Guard - 61" diameter nickel chrome plated top and bottom guard kit.	21
21204	Safety Kit	Safety Cable Kit for Retrofit Applications	3



Ceiling Fan Guard



Safety Cable Kit



Heat & Humidity are safety issues!

Hot air increases humidity which over time increases plant mold and mildew. If plant air is left stagnant (no ventilation), then your employees and any warehoused product sitting on the shelf are exposed to this potential damage. Heat and humidity are safety issues.

A cost effective way to keep air moving

Bigger ceiling fans are not necessarily better as they may move a larger amount of air, but they are just pushing this volume of air on to people and they are expensive. Our Airmaster ceiling fans are designed quiet and are a cost effective way of moving hot air. In most industrial & commercial buildings, people and processes and weather create heat. Heat creates hot air that becomes stratified at the ceiling. The temperature of this air can far exceed 140° above the plant floor. The hot air can become a source of cost savings as this heat is a source of untapped energy savings.

How can I capture this energy savings?

By installing our Airmaster ceiling fans, hot plant air is recirculated and mixed with floor air, creating a uniform air temperature from floor to ceiling. Even in an air conditioned facility, ceiling fans can help recirculate the cooled air, keeping it where it is needed, at the plant floor level. Cost savings will vary based on the plant size and location, but the direct result is a potential energy savings that can reduce heating cost by as much as 30% annually.

To maximize savings, ceiling fans should be placed above equipment that produces heat such as: ovens, air compressors, generators, etc...

Reversible Ceiling Fans do *not* function as advertised

Ceiling fans take stratified hot air and mix it with plant air to produce a cooling effect. Reversing the fan will only blow the hot air at the ceiling and does not draw air flow up from the floor. Instead, the air hits the ceiling and the air flow velocity drops to near zero. This air is then spread across the ceiling, drops a short distance and drifts back to the inlet of the ceiling fan. When a ceiling fan is used in reverse, the result is air that does not circulate in large areas and this wastes energy. Reversible ceiling fans defeat the purpose of the fan and keep the hot air at the ceiling.

Picking a Ceiling Fan

When ceiling fans are used to help cool people, Airmaster recommends spacing them 15' - 20' apart in the occupied area. In warehouse areas, we recommend placing the ceiling fans in the aisle ways.

Example: Warehouse with 20' Ceilings

Warehouse Size: 100'L x 80'W = 8,000 Square Feet
 One fan for every 4,000 Square Feet = 2 ceiling fans

Plant Ceiling Height	Recommended Floor Area per fan
40'	1 fan every 2,900 Square Feet
30'	1 fan every 4,000 Square Feet
20'	1 fan every 4,000 Square Feet
15'	1 fan every 4,000 Square Feet

Ceiling fans should be mounted at least 10' off the floor.
The use of safety cables is required on all ceiling fan installations.

For additional help and information, contact Airmaster Fan Engineering Department