

# Heavy-Duty Industrial Spot Coolers - 208/230/460V

## Pedestal, Wall, I-Beam, Vertical Mount Fans

Non-Oscillating

1 Year Warranty - Ultra High Velocity Air Flow



### Features

- 208/230/460V, 1 HP, 3 Phase, Totally Enclosed, Ball Bearing Motor
- All 24" Kitted Components consist of: 21050 (Motor); 21070 (Guard Assembly); 21120 (Prop); plus mounting listed below
- Cord & Plug Not Provided - Must be Hard Wired. Wiring Must Conform to all national, state and local codes
- Heavy Gauge Galvanized Steel Propeller for Severe Conditions
- Usable at both 50 or 60 Hz
- Single Speed



Type	Tilt (In Degrees) Non-Oscillating	
	Up	Down
Floor	20°	10°
Wall	20°	15°
I-Beam	20°	20°
Vertical	8°	20°

0° = Horizontal Plane

EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM	RPM	Motor No.	F.L. Amps	Ship Wt.
20750K	24HF36	24"	Pedestal Fan: includes 21152 (Pedestal), 21166 (Base)	7700	1140	1369	4.0 / 2.0	89
20770K	24HW36	24"	Wall Mount Fan: includes 21187 (Tilted Wall Brkt. with Safety Cable)	7700	1140	1369	4.0 / 2.0	68
20790K	24HI36	24"	I-Beam Mount Fan: includes 21191 (I-Beam Brkt. with Safety Cable)	7700	1140	1369	4.0 / 2.0	68
20780K	24HS36	24"	Vertical Mount Fan: includes 21203 (Vertical Kit with Safety Cable)	7700	1140	1369	4.0 / 2.0	58

Performance Ratings are conducted in accordance with AMCA Standard 230-99. **Vertical Mount:** A safety cable kit is included in all overhead mounted air circulators to prevent the fan from falling if accidentally struck or mounting fails. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps and instructions. 1" Extension Pole (Not Included) is Needed.

## Unit Pack Models

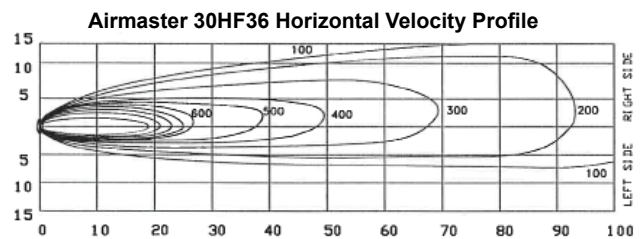
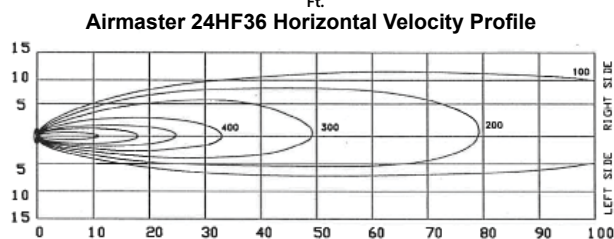
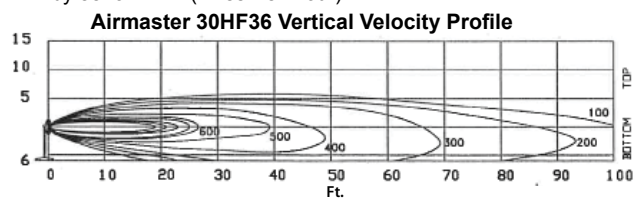
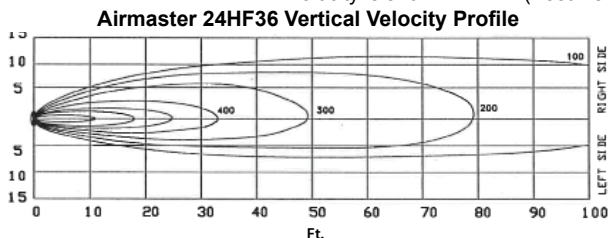
Motor, Specified Mounting, Propeller & Guard Shipped in Single Carton

EDP No.	Catalog No.	Prop Dia.	Fan Style	CFM	RPM	Motor No.	F.L. Amps	Ship Wt.
20840	30HF36	30"	Pedestal Fan	12400	1125	1369	4.0 / 2.0	105
20860	30HW36	30"	Wall Mount Fan	12400	1125	1369	4.0 / 2.0	74
20880	30HI36	30"	I-Beam Mount Fan	12400	1125	1369	4.0 / 2.0	79
20870	30HS36	30"	Vertical Mount Fan	12400	1125	1369	4.0 / 2.0	70

Performance Ratings are conducted in accordance with AMCA Standard 230-99. **Vertical Mount:** A safety cable kit is included in all overhead mounted air circulators to prevent the fan from falling if accidentally struck or mounting fails. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps and instructions.

## Ultra High Velocity Air Flow

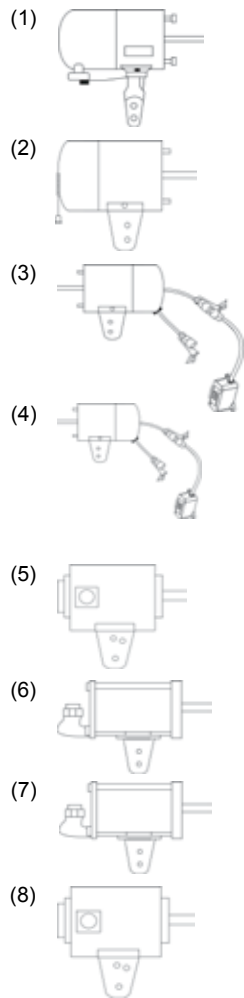
Velocity is shown in FPM (Feet Per Minute), divide FPM by 88 for MPH (Miles Per Hour)



## Heavy-Duty Air Circulators

### Component Parts / Accessories for Assembled Fan Heads

#### Motors



EDP No.	Catalog No.	F.L. Amps	Ship Wt.	Description
21021	967J	1.65	24	Single-phase, 3 Speed, 115 V, 1/5 HP, ball bearing, oscillating, 5/8" shaft (use only on standard 18" and 20" oscillating fans). Use BA-1A Propeller <b>NOTE:</b> Oscillating Motor NOT to be used UPSIDE-DOWN position (1)
21007	967-3 SP	2.7	23	Single-phase, 3 Speed, 115 V, 1/3 HP, ball bearing, oscillating, 5/8" shaft *use only on standard 24" and 30" oscillating fans). Use BA-1A Propeller <b>NOTE:</b> Oscillating Motor NOT to be used UPSIDE-DOWN position (1)
21777	Gear Box		18	Assembly 967J and 967-3SP
03915	End Dome			Assembly 967J and 967-3SP (with capacitor)
21022	642J	1.65	19	Single-phase, 3 Speed, 115 volt, 1/5 HP, ball bearing, non-oscillating, 5/8" shaft (use only on standard 18" and 20" non-oscillating fans). Use BA-1A Propeller (2)
21017	642-AC 3 SP	2.8	19	Single-phase, 3 Speed, 115 volt, 1/3 HP, ball bearing, non-oscillating, 5/8" shaft (use only on standard 24" and 30" non-oscillating fans). Use BA-1A Propeller (2)
06004	End Dome		2	Assembly for 642-AC-3SP (with capacitor)
21090	642-AC2SDC		19	Single phase, 2 Speed, 115 volt, 1/3 HP, ball bearing, non-oscillating motor with 2-speed drop cord switch. Use with BA-1A propeller (3)
12013	2-SPDCS-HD		2	Modular end dome with drop cord and 2 speed switch. For 642 Motor Only (4)
21025	1069 B	1.2 / 0.6	16	Three-phase, 1 Speed, 208 / 230 / 260V, 1/4 HP, ball bearing, non-oscillating fans only. Use BA-1A Propeller (5)
21035	1169 E	6.9 / 3.5	48	Single-phase, single-speed, 115/230V, 1/4 HP, ball bearing for Class I Group D and Class II, Groups E, F & G. (Use only on explosion-proof, non-oscillating fans with BA-1A Propeller) (6)
21040	1269	1.1 / 0.55	33	Three-speed, single-speed, 230/460V, 1/4 HP, ball bearing (use only on non-oscillating, explosion-proof fans) Use BA-1A Propeller (7)
21050	1369	4.5 / 2.0	36	1 HP, three-phase, single-speed 230/460 volt, ball bearing, totally enclosed (use only on high-velocity spot coolers). Use HH-1 Propeller (8)

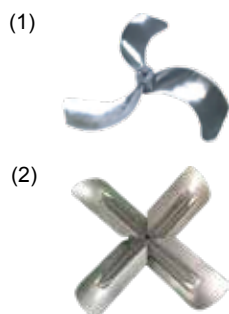
**NOTES:** Explosion Proof and 3 Phase air circulator motors are not supplied with switches or power cords. Must be hard wired. See page 3 for further Explosion Proof Motor information.

#### Guards



EDP No.	Catalog No.	Ship Wt.	Description
71000	C-1820G	11	18" / 20" guard. Nickel chrome plated. (use on all 18" and 20" oscillating & non-oscillating fans)
21070	AC24-G	14	24" guard. Nickel chrome plated (use on all 24" oscillating & non-oscillating fans)
21080	AC30-G	20	30" guard (use on all 30" oscillating & non-oscillating fans)

#### Propellers



EDP No.	Catalog No.	Ship Wt.	Description
21101	18BA-1	4	18" Propeller - 5/8" bore. Cast Aluminum (1)
21102	20BA-1	5	20" Propeller - 5/8" bore. Cast Aluminum (1)
21095	24BA-1A	5	24" Propeller - 5/8" bore. Cast Aluminum (1)
21105	30BA-1A	6	30" Propeller - 5/8" bore. Cast Aluminum (1)
21120	24HH-1	8	24" Propeller, 5/8" bore (use only on 24" high velocity spot coolers) Galvanized (2)
21130	30HH-1	9	30" Propeller, 5/8" bore (use only on 30" high velocity spot coolers) Galvanized (2)



**Warning: Cancer and Reproductive Harm** [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
This warning is applicable to all products on this page, see page i2 for more information

## Heavy-Duty Air Circulators

### Component Parts / Accessories for Assembled Fan Heads



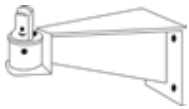
#### Adjustable Pedestal

EDP No.	Catalog No.	Ship Wt.	Description
21152	8CP2B	13	5' to 8' pedestal (fits all Heavy Duty fans)

#### Floor Base



EDP No.	Catalog No.	Ship Wt.	Description
21165	A786B-1	17	For use with 18" & 20" oscillating & non-oscillating fans with 21152 pedestal
21166	A786B-2	34	For use with 24" & 30" oscillating & non-oscillating fans with 21152 pedestal



Wall Bracket

#### Brackets



I-Beam Bracket

EDP No.	Catalog No.	Bracket Type	Ship Wt.	Description
21187	878W	Wall	10	15° Tilt Built In. Use for HD air circulator wall mountings, Includes Safety Cable Kit
21191	700-U	I-Beam	14	Use for HD air circulator I-Beam mountings, Includes Safety Cable Kit
21203	CK-2	Vertical	5	Use for HD air circulator vertical mount (non-oscillating only) Includes Safety Cable Kit. <b>Extension Cord and Extension Pole Not Included.</b>



Vertical Bracket

#### Accessories



Safety Kit



Extension Cord



Wheel Kit

EDP No.	Catalog No.	Ship Wt.	Description
21204	Safety Kit	1	12' of 1/16" diameter cable, two clamp and instructions. This safety cable kit is available for retrofit applications.
12002	DJ-EC-6	1	6' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow
12008	DJ-EC-9	2	9' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow
12009	DJ-EC-12	2	12' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow
70601	AMFW30K	7	Snap on wheel kit with set screw lock for use on all floor model air circulators except I-2030 base. No tools required
01633	Cord	2	15' Supply Cord Replacement
01723	Switch	2	2 Speed / 3 Speed Pull Chain Switch

