



AIRMASTER®

FAN COMPANY

\$4.95
2006



CATALOG and PRICE BOOK

AIRMASTER® FAN COMPANY

1300 Falahee Road

Jackson, MI 49203

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Effective January 1, 2006

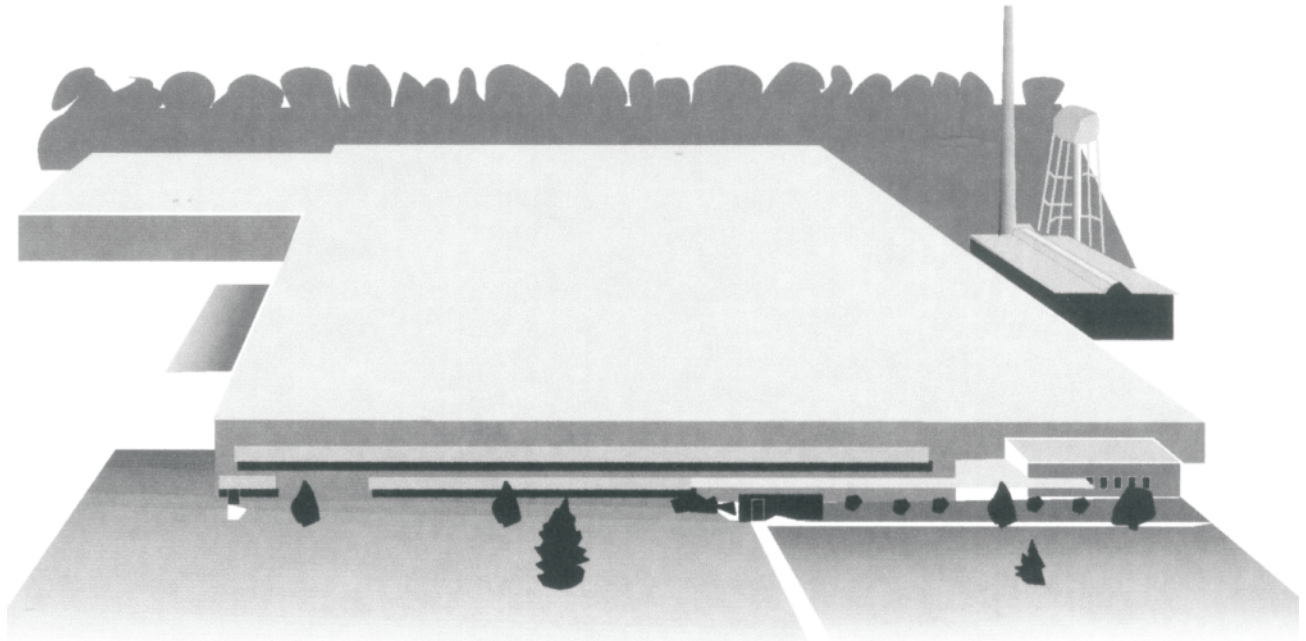
Airmaster Fan Company traces its roots to the Diehl Fan Company, who patented the first practical electrical fan in 1886.

A hundred years later **Airmaster** acquired the Chelsea, Brundage and Power Line Fan operations from Clevepak Corporation. Brundage started production in 1919, Chelsea in 1935 and Power Line in 1957. **Airmaster** maintained each operating independently to different market segments.

Sales and marketing were consolidated by **Airmaster** in 2002 to improve operations and concentrate on fulfilling customer needs.

Airmaster's only focus is fans. The factory is complete with engineering staff, certified laboratory for design and development, metal fabricating machinery, and tool and die facilities. Located in Jackson, Michigan, the company maintains stocking warehouses across the U.S., offering the largest line of air moving equipment in North America. Sales are made through the wholesale distributor by representative agencies. **Airmaster** exports throughout the world.

Names may change, but the high quality standards in product and service, for which **Airmaster** and its predecessors were noted, remain the same: reliable products, uncompromising quality and prompt service.



Plant & Offices 750,000 sq ft

**Airmaster Fan Company
1300 Falahee Road
Jackson, Michigan 49203**

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SHIPPING WEIGHTS LISTED WITHIN ARE APPROXIMATE. SOME PRODUCTS MAY BE SUBJECT TO DIMENSIONAL WEIGHT AND/OR ADDITIONAL HANDLING CHARGES. CONTACT AIRMASTER® CUSTOMER SERVICE FOR FURTHER INFORMATION.

TO PLACE ORDERS . . .	
1 FAX TOLL FREE 800-255-3084 2 PHONE 517-764-2300 3 FAX OR PHONE YOUR LOCAL AIRMASTER® SALES REPRESENTATIVE	4 MAIL ORDERS TO: Airmaster Fan Company 1300 Falahee Road / PO Box 968 Jackson, MI 49204 5 E-MAIL AIRMASTER® : sales@airmasterfan.com

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5 Year Warranty - Ultra Quiet

FEATURES

- Energy Efficient - Lowest Watts Per CFM
- Ultra Quiet Die Cast Aluminum Airfoil Propeller
- Excellent for Churches, Schools, Industrial and Commercial Applications
- Includes Cord and Plug
- Wall and I-Beam Mounts Able To Be Installed By One Individual
- Meets OSHA Standards & UL / CUL Listed
- 3 Speed Motor
- 1/3 HP, 115V, 1 Phase, Totally Enclosed Motor
- UPS Shippable
- All Stocked

PERFORMANCE 115V

Prop Dia.	CFM			RPM			Motor Number	FL. Amps
	High	Med.	Low	High	Med.	Low		
24"	5387	4356	3125	1070	850	628	967 (Osc.)	2.5
30"	7996	5859	4063	1045	789	561	967 (Osc.)	2.6
24"	5588	4556	3325	1110	900	700	642 (Non-Osc.)	2.5
30"	8402	6259	4463	1098	880	660	642 (Non-Osc.)	2.8

Performance Ratings are conducted in accordance with AMCA Standard 209

MOTOR TILT ADJUSTMENTS

TYPE	TILT UP OR DOWN (IN DEGREES)			
	OSCILLATING		NON-OSCILLATING	
	UP	DOWN	UP	DOWN
FLOOR	20°	10°	20°	10°
WALL	20°	5°	20°	15°
I-BEAM	20°	20°	20°	20°
CEILING	N/A	N/A	N/A	N/A

0° = Horizontal Plane



Adjustable Pedestal

Patented Modular Motor End Dome for easy maintenance

UNIT PACKS

Motor, Specified Mounting, Propeller & Guard Shipped In A Single Carton

NON-OSCILLATING MODELS - 642 MOTOR

Prop Dia.	Fan Style	EDP Number	Catalog No. 115V	Ship. Wt.	List Price
24"	Pedestal Fan	20895	UP24LF16-S	85	\$658
	Wall Mount	37144	UP24LW16-S8	56	\$586
	I-Beam Mount	37139	UP24LI16-S	58	\$639
	Ceiling Mount	37137	UP24LS16-S	50	\$563
30"	Pedestal Fan	20900	UP30LF16-S	91	\$711
	Wall Mount	37145	UP30LW16-S8	60	\$638
	I-Beam Mount	37140	UP30LI16-S	63	\$691
	Ceiling Mount	37138	UP30LS16-S	55	\$625

OSCILLATING - 967 MOTOR

EDP Number	Catalog No. 115V	List Price
20885	UP24BN-S	\$1016
37129	UP24WN-S8	\$944
37147	UP24IN-S	\$997
N/A	N/A	---
20890	UP30BN-S	\$1068
37135	UP30WN-S8	\$996
37148	UP30IN-S	\$1049
N/A	N/A	---

FAN HEAD COMPONENT PACKS

Motor, Propeller & Guard Shipped In A Single Carton

Prop Dia.	Fan Style	EDP Number	Catalog No. 115V	Ship. Wt.	List Price
24"	Head Components	20918	967-24"MGB**	52	\$861
24"	Head Components	20917	642-24"MGB	48	\$502
30"	Head Components	20920	967-30"MGB**	55	\$913
30"	Head Components	20919	642-30"MGB	52	\$554

Use with Heavy Duty Mounting Bracket **Oscillating



Wall Mount



Ceiling Mount



I-Beam Mount

ASSEMBLED FAN HEADS

Motor, Propeller & Guard Assembled

NON-OSCILLATING MODELS - 642 MOTOR

Prop Dia.	Fan Style	EDP Number	Catalog No.	Ship. Wt.	List Price
24"	Head Assembly	20115	M24GBA	50	\$535
30"	Head Assembly	20915	M30GBA	55	\$587

MOUNTINGS

For Fan Head Component Packs and Assembled Fan Heads

Fan Style	EDP Number	Catalog No.	Description	Ship. Wt.	List Price
ADJ. PEDESTAL	21152	8CP-2B	5' to 8' pedestal (for use with A786B base.)	11	\$80
FLOOR BASE	21166	A786B-2	For use with 8CP-2B pedestal.	34	\$76
WALL BRACKET	21187	878W	Use for HD air circulator wall mountings. Includes Safety Cable Kit.	10	\$84
I-BEAM BRACKET	21191	700-U	Use for HD air circulator I-Beam mountings. Includes Safety Cable Kit.	14	\$137
CEILING BRACKET	21203	CK-2	Use for HD air circulator ceiling mount (non-oscillating only). Extension pipe not included. Includes Safety Cable Kit.	5	\$60

NOTES:

Oscillating motor not to be used upside down.

See page 5 for optional accessories and component parts for fan head assemblies & component packs.

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.

HEAVY-DUTY AIR CIRCULATORS - 230/460V



5 Year Warranty - Ultra Quiet

FEATURES

- 230/460V, 1/4 HP, 3 Phase, 1 Speed, Totally Enclosed Motor

PERFORMANCE 230/460V

Prop Dia.	CFM	RPM	Motor No.	FL. Amps
24"	5739	1140	1069	1.2/6
30"	8723	1140	1069	1.2/6

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

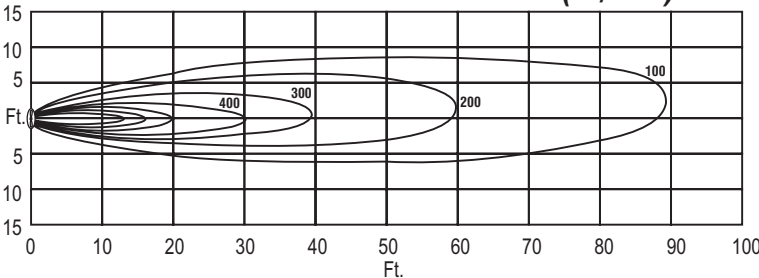


NON-OSCILLATING MODELS

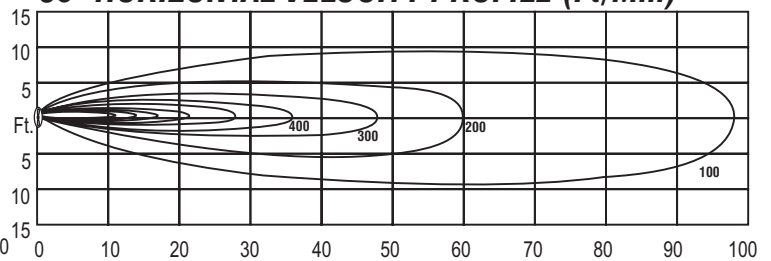
Prop Dia.	Fan Style	EDP Number	Catalog No. 230/460V	Ship. Wt.	List Price
All 24" Kitted Components consist of: 21025 (1069 B Motor); 21070 (AC24-G Guard Assembly); 21095 (24BA-1A Prop); plus mounting listed below.					
24"	Pedestal Fan 21152 (8CP-2B Pedestal) 21166 (A786B-2 Base)	20600K	24LF36	70	\$944
	Wall Mount Fan 21187 (878W Wall Brkt. with Safety Cable)	20620K	24LW368	49	\$845
	I-Beam Mount Fan 21191 (700-U I-Beam Brkt. with Safety Cable)	20640K	24LI36	49	\$897
	Ceiling Mount Fan 21203 (CK-2 Ceiling Kit with Safety Cable)	20630K	24LS36	39	\$822
All 30" Kitted Components consist of: 21025 (1069 B Motor); 21080 (AC30-G Guard Assembly); 21105 (30BA-1A Prop); plus mounting listed below.					
30"	Pedestal Fan 21152 (8CP-2B Pedestal) 21166 (A786B-2 Base)	20650K	30LF36	77	\$996
	Wall Mount Fan 21187 (878W Wall Brkt. with Safety Cable)	20670K	30LW368	56	\$897
	I-Beam Mount Fan 21191 (700-U I-Beam Brkt. with Safety Cable)	20690K	30LI36	56	\$948
	Ceiling Mount Fan 21203 (CK-2 Ceiling Kit with Safety Cable)	20680K	30LS36	46	\$873

FAN VELOCITY PROFILES

24" HORIZONTAL VELOCITY PROFILE (Ft/Min)



30" HORIZONTAL VELOCITY PROFILE (Ft/Min)



Highest Air Volume

FEATURES

- Ultra Quiet Die Cast Aluminum Propeller
- OSHA Approved Safety Guards
- 115/230V, 1/4 HP, 1 Phase & 230/460V, 1/4 HP, 3 Phase, Single Speed Motor

PERFORMANCE 115/230-230/460V

Prop Dia.	CFM	RPM	Motor No.	Volt	FL. Amps
24"	5739	1140	1169	115/230	6.9/3.5
24"	5739	1140	1269	230/460	1.1/1.55
30"	8723	1140	1169	115/230	6.9/3.5
30"	8723	1140	1269	230/460	1.1/1.55

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

Motor is UL Listed



115/230 SPARK RESISTANT MODELS

230/460 SPARK RESISTANT MODELS

Prop Dia.	Fan Style	EDP Number	Catalog No. 115/230V XP	Ship. Wt.	List Price
24"	All 24" Kitted Components consist of: 21035 (1169E Motor); 21070 (AC24G Guard Ass'y); 21095 (24BA-1A Prop); plus mounting listed below				
	Pedestal Fan 21152 (8CP-2B Pedestal) 21166 (A786-2 Base)	20300K	24LF16X	102	\$1056
	Wall Mount Fan 21187 (878W-Tilted Wall Brkt. with Safety Cable)	20320K	24LW16X8	81	\$956
	I-Beam Mount Fan 21191 (700-U I-Beam Brkt. with Safety Cable)	20340K	24LI16X	81	\$1007
	Ceiling Mount Fan 21203 (CK-2 Ceiling Kit with Safety Cable)	20330K	24LS16X	39	\$933
30"	All 30" Kitted Components consist of: 21035 (1169E Motor); 21080 (AC30G Guard Ass'y); 21105 (30BA-1A Prop); plus mounting listed below				
	Pedestal Fan 21152 (8CP-2B Pedestal) 21166 (A786B-2 Base)	20350K	30LF16X	109	\$1108
	Wall Mount Fan 21187 (878W-Tilted Wall Brkt. with Safety Cable)	20370K	30LW16X8	88	\$1009
	I-Beam Mount Fan 21191 (700-U I-Beam Brkt. with Safety Cable)	20390K	30LI16X	88	\$1059
	Ceiling Mount Fan 21203 (CK-2 Ceiling Kit with Safety Cable)	20380K	30LS16X	78	\$985

EDP Number	Catalog No. 230/460V XP	Ship. Wt.	List Price
All 24" Kitted Components consist of: 21040 (1269 XP Motor); 21070 (AC24G Guard Ass'y); 21095 (24BA-1A Prop); plus mounting listed under Spark Resistant Models			
20450K	24LF36X	100	\$1201
20470K	24LW36X8	79	\$1101
20490K	24LI36X	79	\$1153
20480K	24LS36X	69	\$1078
All 30" Kitted Components consist of: 21040 (1269 XP Motor); 21080 (AC30G Guard Ass'y); 21105 (30BA-1A Prop); and mounting listed under Spark Resistant Models			
20500K	30LF36X	107	\$1253
20520K	30LW36X8	86	\$1154
20540K	30LI36X	86	\$1204
20530K	30LS36X	76	\$1130

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.

NOTES:

XP = Explosion Proof motor for Class I, Group D & Class II, Group F & G.
 "K" suffix indicates unit shipped as individual component parts. May be shipped UPS or Truck.
 Cord and Plug not provided. Must be hard wired. Wiring must conform to all national, state and local codes.

INDUSTRIAL SPOT COOLER

Non-Oscillating 208/230/460V



Ultra High Velocity Air Flow

FEATURES :

- Heavy Gauge Galvanized Steel Propeller for Severe Conditions
- 4 Mounting Options - Pedestal, Wall, I-Beam & Ceiling
- 208/230/460V, 1 HP, 3 Phase, Totally Enclosed Motor
- Single Speed
- 1 Year Warranty

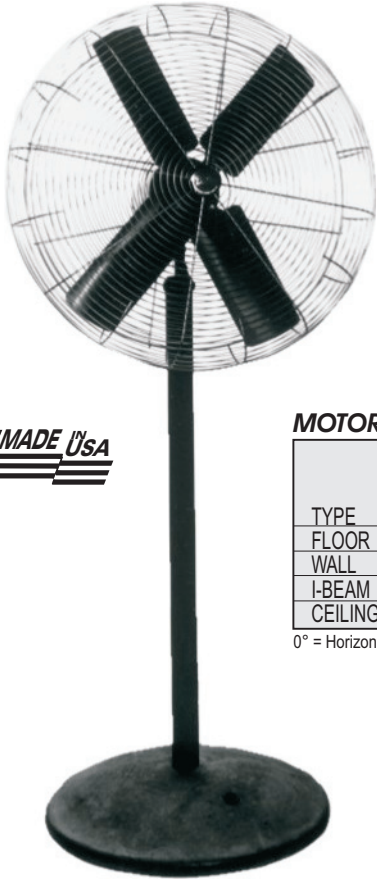
PERFORMANCE 208/230/460V

Prop Dia.	CFM	RPM	Motor No.	FL Amps
24"	7700	1140	1369	4.0/2.0
30"	12400	1125	1369	4.0/2.0

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

NON-OSCILLATING MODELS - 1369 MOTOR

Prop Dia.	Fan Style	EDP Number	Catalog No. 208/230/460V Non-Osc.	Ship. Wt.	List Price
All 24" Kitted Components consist of: 21050 (1369 Motor); 21070 (AC24-G Guard Assembly); 21120 (24HH-1 Prop); plus mounting listed below					
24"	Pedestal Fan 21152 (8CP-2B Pedestal) 21166 (A786-2 Base)	20750K	24HF36	89	\$1024
	Wall Mount Fan 21187 (878W-Tilted Wall Brkt. with Safety Cable)	20770K	24HW36	68	\$924
	I-Beam Mount Fan 21191 (700-U I-Beam Brkt. with Safety Cable)	20790K	24HI36	68	\$975
	Ceiling Mount Fan 21203 (CK-2 Ceiling Kit with Safety Cable)	20780K	24HS36	58	\$901
All 30" Kitted Components consist of: 21050 (1369 Motor); 21080 (AC30-G Guard Assembly); 21130 (30HH-1 Prop); plus mounting listed below					
30"	Pedestal Fan 21152 (8CP-2B Pedestal) 21166 (A786-2 Base)	20840K	30HF36	96	\$1079
	Wall Mount Fan 21187 (878W-Tilted Wall Brkt. with Safety Cable)	20860K	30HW36	83	\$978
	I-Beam Mount Fan 21191 (700-U I-Beam Brkt. with Safety Cable)	20880K	30HI36	83	\$1029
	Ceiling Mount Fan 21203 (CK-2 Ceiling Kit with Safety Cable)	20870K	30HS36	65	\$955



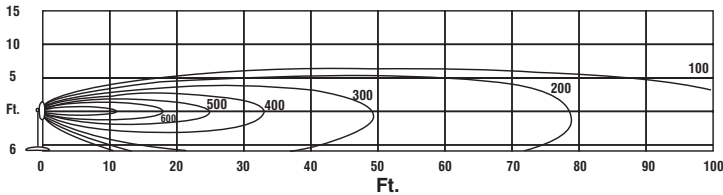
MOTOR TILT ADJUSTMENTS

TYPE	TILT (IN DEGREES)	
	NON-OSCILLATING	
	UP	DOWN
FLOOR	20°	10°
WALL	20°	15°
I-BEAM	20°	20°
CEILING	8°	20°

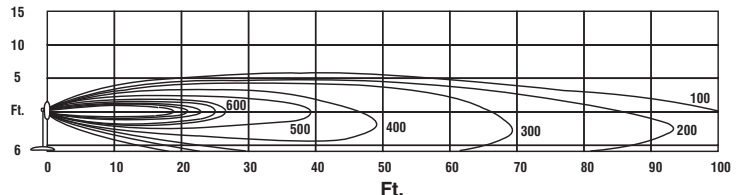
0° = Horizontal Plane

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.

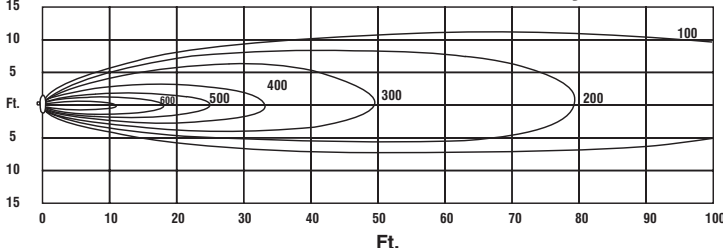
Airmaster® 24HF36 Vertical Velocity Profile



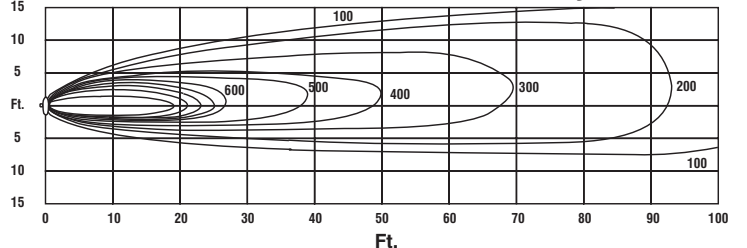
Airmaster® 30HF36 Vertical Velocity Profile



Airmaster® 24HF36 Horizontal Velocity Profile



Airmaster® 30HF36 Horizontal Velocity Profile

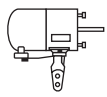
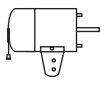
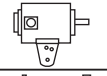
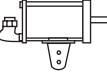
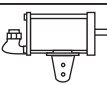
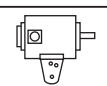
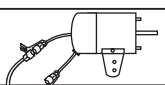
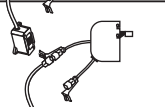





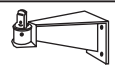







Note: Velocity is shown in FPM (Feet Per Minute), divide FPM by 88 for MPH (Miles Per Hour).

NOTES:

"K" suffix indicates unit shipped as individual component parts. May be shipped UPS or Truck.

Cord and Plug not provided with Industrial Spot Cooler. Must be hard wired. Wiring must conform to all national, state and local codes

EDP NUMBER	CAT. NUMBER	DESCRIPTION	FL. AMPS	SHIP WT.	LIST	
MOTORS						
21007	967-3 SP.	Single-phase, three speed, 115 volt, oscillating (use only on standard oscillating fans). Use BA-1A Propeller NOTE: Oscillating Motor NOT to be used in UPSIDE-DOWN position	2.7	24	\$631	
21777		Gear box assembly for 967-3SP			\$147	
21017	642-AC 3 SP.	Single-phase, three speed, 115 volt, non-oscillating (use only on standard non-oscillating fans). Use BA-1A Propeller	2.8	18	\$318	
06004		End dome assembly for 642-AC-3SP			\$41	
21025	1069 B	Three-phase, single-speed 230/460 volt (use only on non-oscillating fans). Use BA-1A Propeller	1.2/6	17	\$615	
21035	1169 E	Single-phase, single-speed, 115/230 volt for Class.I Group D and Class.II, Groups E, F & G. (Use only on explosion-proof, non-oscillating fans with BA-1A Propeller).	6.9/3.5	39	\$747	
21040	1269	Three-phase, single-speed, 230/460 volt (use only on non-oscillating, explosion-proof fans). Use BA-1A Propeller, Class I Group D, Class II, Groups F & G.	1.1/5.5	33	\$912	
21050	1369	1 HP, three-phase, single-speed 208-230/460 volt, totally enclosed (use only on high-velocity spot coolers). Use HH-1 Propeller	4.0/2.0	36	\$795	
21090	642-AC2SDP	Single phase, 2-speed, 115 volt, non-oscillating motor with 2-speed drop cord switch. Use with BA-1A propeller		19	\$334	
12013	2-SPDCS-HD	Modular end dome with drop cord and 2 speed switch. For 642 Motor Only.		2	\$68	
Explosion proof and 3 phase air circulator motors are not supplied with switches or power cords.						
GUARDS						
21070	AC24-G	24" guard (use on all 24" oscillating & non-oscillating fans) Nickel Chrome Plated.		14	\$93	
21080	AC30-G	30" guard (use on all 30" oscillating & non-oscillating fans) Nickel Chrome Plated.		20	\$137	
21082	AC30GS	30" Bolt fastened safety guard (pat. no. 4,861,230) Zinc.		19	\$164	
70761	AC30GSS	30" Stainless steel guard		18	\$394	
PROPELLERS						
21095	24BA-1A	24" Propeller - 5/8" bore. Cast Aluminum.		5	\$137	
21105	30BA-1A	30" Propeller - 5/8" bore. Cast Aluminum.		6	\$145	
21120	24HH-1	24" Propeller, 5/8" bore (use only on 24" high velocity spot coolers.) Galvanized.		7	\$64	
21130	30HH-1	30" Propeller, 5/8" bore (use only on 30" high velocity spot coolers.) Galvanized.		9	\$75	
PEDESTAL (Adjustable)						
21152	8CP-2B	5' to 8' pedestal (for use with A786B base.)		14	\$80	
FLOOR BASE						
21166	A786B-2	For use with 8CP-2 pedestal.		34	\$76	
WALL BRACKET (15° Tilt Built In)						
21187	878W	Use for HD air circulator wall mountings. Includes Safety Cable Kit.		10	\$84	
I-BEAM BRACKET						
21191	700-U	Use for HD air circulator I-Beam mountings. Includes Safety Cable Kit.		15	\$137	
CEILING BRACKET						
21203	CK-2	Use for HD air circulator ceiling mount (non-oscillating only). Extension pipe not included. Includes Safety Cable Kit.		5	\$60	
ACCESSORIES						
21204	Safety Kit	12' of 1/16" diameter cable, two clamp and instructions. This safety cable kit is available for retrofit applications.		3	\$19	
12002	DJ-EC-6	6' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow		1	\$17	
12008	DJ-EC-9	9' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow		2	\$18	
12009	DJ-EC-12	12' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow		2	\$20	
70601	AMFW30K	Snap on wheel kit with set screw lock for use on all floor model air circulators except I-2030 base. No tools required.		5	\$53	
01633		15' Cord Replacement		2	\$20	
01723		2SP/3SP Pull Chain Switch		2	\$12	

NOTE:
Explosion Proof and 3 Phase air circulator motors are not supplied with switches or power cords. Must be hard wired.



Adjustable Floor Model

All Parts Packaged in One UPS Shippable Carton

FEATURES

- 5 Mounting Options
- Guard Meets OSHA Standards
- 115V, 60 Hz, 1 Phase, 2 Speed Motors (18" & 20") or 3 Speed Motors (24" & 30") on Non-Oscillating Models
- 115V, 60 Hz, 1 Phase, 3 Speed Motors on Oscillating Models
- 15 Foot Three Conductor Cord and Plug
- 3 Year Warranty
- UL Listed
- All Stocked

NON-OSCILLATING PERFORMANCE 115V

Prop Dia.	CFM			RPM			Motor Number	F. L. Amps
	High	Med	Low	High	Med	Low		
18"	2520	---	1850	1480	---	1020	I-1820M (ODP)	2.6
20"	2670	---	2035	1615	---	1240	I-1820M(ODP)	2.6
24"	5220	4020	2820	1080	700	540	I-3A (TEAO)	2.5
30"	7185	5300	3415	1080	700	540	I-3A (TEAO)	2.7

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

MOTOR TILT ADJUSTMENTS

TYPE	TILT (IN DEGREES)	
	UP	DOWN
FLOOR	30°	15°
WALL	30°	50°
I-BEAM	30°	15°
CEILING	0°	90°

0° = Horizontal Plane

NON-OSCILLATING MODELS - UNIT PACKS

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
18"	Wall/Ceiling Model	70721	I-18W (2-SP)	1/15	31	\$308
20"	Wall/Ceiling Model	71723	I-20W5 (2-SP)	1/15	38	\$363
24"	Adjustable Floor (S.B.)	71760	ISB-24PA2A (2-SP)	1/3	81	\$457
24"	Wall/Ceiling Model	71725	I-24W2A (2-SP)	1/3	44	\$372
30"	Adjustable Floor (S.B.)	71526	ISB-30PA2A (2-SP)	1/3	90	\$485
30"	Wall/Ceiling Model	71726	I-30W2A (2-SP)	1/3	49	\$402

Unit Pack - Motor, specified Style Mounting, Propeller, Base & Guard shipped in a single carton. S.B. = Solid Base



Non-Oscillating Wall Mount / Ceiling Mount



Oscillating Wall Mount

115V MODELS : OSCILLATING - UNIT PACKS

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
24"	Adjustable Floor	71567	I-24-OAP	1/3	86	\$504
	Wall Mount*	71565	I-24-OIW	1/3	57	\$458
30"	Adjustable Floor	71568	I-30-OAP	1/3	95	\$529
	Wall Mount*	71566	I-30-OIW	1/3	61	\$492

Wall Mount is supplied with the required Safety Cable Kit. *Used with EDP# 37772 Mounting Bracket. Unit Pack - Motor, Specified Style Mounting, Propeller & Guard shipped in a single carton.

OSCILLATING PERFORMANCE 115V

Prop Dia.	CFM			RPM			Motor Number	F. L. Amps
	High	Med	Low	High	Med	Low		
24"	5548	4699	4062	1110	958	856	0-3B	2.5
30"	7794	5943	5143	1091	871	759	0-3B	2.5

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

MOTOR TILT ADJUSTMENTS

TYPE	TILT (IN DEGREES)	
	UP	DOWN
FLOOR	20°	20°
WALL	0°	20°

0° = Horizontal Plane

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.

NON-OSCILLATING ASSEMBLED FAN HEADS †

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	PH	Ship Wt.	List Price
18"	Head Assembly	37104	I-18	1/15	1	24	\$306
20"	Head Assembly	37207	I-20-5	1/15	1	27	\$358
24"	Head Assembly	37209	I-24-2	1/3	1	37	\$368
30"	Head Assembly	37212	I-30	1/3	1	48	\$396

†Motor, Guard, Propeller Pre-Assembled.

OSCILLATING ASSEMBLED FAN HEADS †

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
24"	Head Assembly	71610	24-IAC-MGBO	1/4	46	\$411
30"	Head Assembly	38422	30-IAC-MGBO	1/4	56	\$439

†Motor, Guard, and Propeller Pre-Assembled

Note: Oscillating fan heads are NOT to be used in upside down position.

See page 8 for Mounting Components.



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.



Adjustable Floor

INDUSTRIAL PIVOT STANDS & WORK STATIONS

FEATURES

- Available in 12", 18", and 20" Propeller Sizes
- Four Position Easy Reach Switch with 10' Three Conductor Cord and Plug
- Adjusts 360°
- Guards Meet OSHA Regulations
- Work Station Yoke Mount Attaches to any Surface with 1 Bolt or Lag Screw
- 115V, 1 Phase, 3 Speed, Open Drip Proof Motor
- Stainless Steel Propellers
- 1 Year Warranty
- UL/ CUL Listed
- All Stocked

PERFORMANCE 115V

Prop Dia.	CFM			RPM			F. L. Amps
	High	Med	Low	High	Med	Low	
12"	1448	1165	953	1500	1350	1180	0.5
18"	2966	2437	2013	1600	1350	1180	1.65
20"	3390	2755	2295	1600	1350	1180	1.9

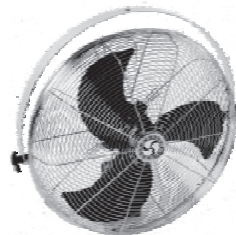
Performance Ratings are conducted in accordance with AMCA Standard 230-99.

115V MODELS

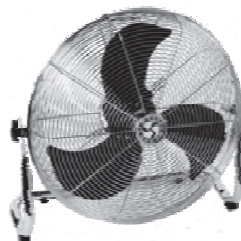
Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
12"	Low Stand Pivot Fan	78973	I-12LS	1/16	11	\$97
	Work Station Yoke Mount	78971	I-12YM	1/16	11	\$99
18"	Low Stand Pivot Fan	78974	I-18LS	1/8	21	\$134
	High Stand Pivot Fan*	78969	I-18HS	1/8	21	\$174
	Work Station Yoke Mount	78972	I-18YM	1/8	21	\$136
20"	Low Stand Pivot Fan	78975	I-20LS	1/5	26	\$142
	Work Station Yoke Mount	78970	I-20YM	1/5	26	\$144

*4" Diameter Wheels

NEW



Work Station Yoke Mount



Low Stand Pivot Fan



High Stand Pivot Fan

		MOTORS				
EDP Number	Cat. Number	Description	F.L. Amps	Wt.	List	
	70000	I-1820M	Shaded pole, 1/15HP, 2 speed switch, open, 115V, 1/2" shaft diameter, 10' cord & plug. (1)	2.6	10	\$189
	78019	I-3A	Single-phase, PSC type, 1/3HP, 2-speed, TEAO, 115V, 5/8" shaft dia. 2-speed switch, 15' cord & plug. (2)	3.3	15	\$242
	37430	0-3B	Single-phase, three-speed, 115 volt, 1/3HP (3) NOTE: Oscillating Motor NOT to be used in the UPSIDE-DOWN position.	2.5	23	\$347
		GUARDS				
	71000	I-1820G	18"-20" guard - use on I-1820M motor.	11		\$75
	21070	AC24G	24" guard.	14		\$93
	21080	AC30G	30" guard.	20		\$137
		PROPELLERS				
	70740	I-18B	18" propeller - use on I-1820M motor. (1)	3		\$40
	72100	I-20B5	20" propeller - use on I-1820M motor. (1)	3		\$47
	73300	I-24B2A2	24" propeller. (1)	5		\$48
	73400	I-30B2A	30" propeller. (1)	5		\$53
			PEDESTALS			
	73101	I-2030AP	5' to 8' adjustable floor model. (2)	12		\$50
		BASES				
	21153	I-2030B	Open base. (1)	24		\$70
	21166	A-786B-2	Solid base. (2)	34		\$76
		WALL/CEILING MOUNT BRACKET (Patented)				
	75002	C-2030W	For use with commercial air circulators. Not for use with oscillating motors in ceiling mount mode. May be used with EDP# 37420A oscillating motor in wall mount mode if motor tilt isn't more than 35°. Safety Cable Kit included.	5		\$40
			ACCESSORIES			
	01723		2 SP/3 SP Pull Chain Switch	2		\$12
		WALL MOUNT BRACKET				
	37772	IAC-WB	Use with industrial oscillating and non-oscillating motors. Includes Safety Cable Kit.	7		\$44
			SUSPENSION MOUNT BRACKET			
	75003	C-2030S	Use with industrial & commercial & non-oscillating air circulators. Includes Safety Cable Kit.	3		\$30
			I-BEAM MOUNT BRACKET			
	37784	IAC-BM-1	For use with I-Beam mounting. Includes Safety Cable Kit. NOT FOR USE WITH OSCILLATING MOTORS	13		\$95
			SAFETY CABLE			
	21204	Safety Kit	12' of 1/16" diameter cable, two (2) cable clamps and instructions	3		\$19
			ACCESSORIES			
	70601	AMFW30K	Snap-on wheel kit with set screw lock for all 18" to 30" Airmaster Pedestal Fans, except I-2030B.	5		\$53

FEATURES

- Packaged in One UPS Shippable Carton
- Adjustable Pedestal (5' - 8')
- Wall/Ceiling Mounts with Safety Cable Included
- Available in 24" & 30" Sizes
- All Stocked
- 115V, 1/4 HP (Non-Oscillating) and 1/3 HP (Oscillating), 1 Phase, 3 Speed, Totally Enclosed Air Over Motor
- 1 Year Warranty
- Cord and Three Prong Plug Included
- UL and CUL Listed

PERFORMANCE 115V

Prop Dia.	CFM			RPM			F. L. Amps
	High	Med	Low	High	Med	Low	
24"	4400	3460	2460	1100	800	600	3.3
30"	6100	4400	2700	1100	800	600	3.3

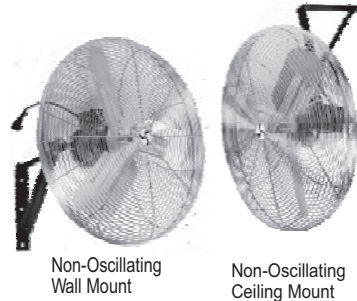


Adjustable Floor Model

NON-OSCILLATING MODELS - UNIT PACKS

Prop Dia.	Fan Style	EDP Number	Catalog Number	Ship Wt.	List Price
24"	Adjustable Floor (S.B.)	71570	CA24AP	82	\$364
	Wall/Ceiling Mount	71572	CA24WC	42	\$284
30"	Adjustable Floor (S.B.)	71571	CA30AP	90	\$374
	Wall/Ceiling Mount	71573	CA30WC	49	\$294

Unit Pack - Motor specified Style Mounting, Propeller, Base & Guard shipped in a single carton.



Non-Oscillating Wall Mount

Non-Oscillating Ceiling Mount

OSCILLATING MODELS - UNIT PACKS

Prop Dia.	Fan Style	EDP Number	Catalog Number	Ship Wt.	List Price
24"	Adjustable Floor (S.B.)	71580	CA24OAP	78	\$399
	Wall Mount	71583	CA24OW	46	\$295
30"	Adjustable Floor (S.B.)	71581	CA30OAP	95	\$418
	Wall Mount	71582	CA30OW	52	\$315

Unit Pack = Motor, Specified Style Mounting, Propeller, Base & Guard shipped in a single carton

NEW

Oscillating Wall Mount

ASSEMBLED FAN HEADS

Prop Dia.	Fan Style	EDP Number	Catalog Number	Ship Wt.	List Price
24"	Head Assembly	71590	CA24	39	\$266
30"	Head Assembly	71591	CA30**	48	\$275

Motor, Guard and Propeller Pre-assembled.
 **CA30 Head Assembly not UPS shippable.

See page 10 for Component Parts for Assembled Fan Heads.

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.

FLOOR / COUNTER MODELS

FEATURES

- Open Base
- Guard Meets OSHA Standards
- 115V, 60 Hz, 1 Phase, 2 Speed Motors
- Three Conductor Cord and Plug
- 3 Year Warranty
- UL / CUL Listed

PERFORMANCE 115V

Prop Dia.	CFM		RPM		Motor Number	F. L. Amps
	High	Low	High	Low		
18"	2670	1850	1480	1020	C-1820M (ODP)	2.6
20"	2520	2035	1615	1240	C-1820M(ODP)	2.6
24"	5000	3900	1110	850	C-2430MA (TEAO)	3.3
30"	7100	4950	1085	725	C-2430MA (TEAO)	3.3

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

MOTOR TILT ADJUSTMENTS

TYPE	TILT (IN DEGREES)	
	NON-OSCILLATING	
	UP	DOWN
FLOOR	30°	15°



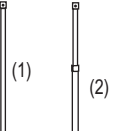
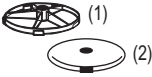



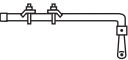





Counter



Non-Adjustable Floor

NON-OSCILLATING MODELS - UNIT PACKS

Prop Dia.	Fan Style	Base	EDP Number	Catalog Number	HP	Ship Wt.	List Price
18"	Non-Adjustable Floor/Counter	Open Base	70700	C-18PN (2-SP)	1/15	45	\$410
20"	Non-Adjustable Floor/Counter	Open Base	70500	C-20PN3 (2-SP)	1/15	46	\$415
24"	Non-Adjustable Floor/Counter	Open Base	70503	C-24PN2A (2-SP)	1/4	55	\$473
30"	Non-Adjustable Floor/Counter	Open Base	70504	C-30PN2A (2-SP)	1/4	61	\$504

	EDP Number	Catalog Number		Ship Wt.	List Price
PEDESTALS					
	73000 73101	C-2030NP I-2030AP	5' high floor model. Top section provides 33½" counter model. Use only with C-2030B Base. (1) 5' to 8' adjustable floor model. (2)	6 12	\$42 \$50
BASES					
	77000 21153 21166	C-2030B I-2030B A-786B-2	Use with C-2030NP. (1) Open base for counter model. Open base. (1) Solid base. (2)	17 24 34	\$79 \$70 \$76
WALL/CEILING MOUNT BRACKET (Patent #5033711)					
	75002	C-2030W	Use with commercial air circulators. Not for use with oscillating motors in ceiling mount. Includes Safety Cable Kit.	5	\$40
WALL MOUNT BRACKET					
	37772	IAC-WB	Recommended for use with oscillating and non-oscillating motors. Includes Safety Cable Kit.	7	\$44
SUSPENSION MOUNT BRACKET					
	75003	C-2030S	Use with commercial & industrial non-oscillating air circulators. Includes Safety Cable Kit.	3	\$30
I-BEAM MOUNT BRACKET					
	37784	IAC-BM-1	For use with I-Beam mounting. Includes Safety Cable Kit. NOT FOR USE WITH OSCILLATING MOTORS	13	\$95
SAFETY CABLE					
	21204	Safety Kit	12' of 1/16" diameter cable, two (2) cable clamps and instructions	3	\$19
ACCESSORIES					
	70601 01723	AMFW30K	Snap-on wheel kit with set screw lock for all 18" to 30" Airmaster Pedestal Fans, except I-2030B. 2 SP/3 SP Pull Chain Switch	5 2	\$53 \$12
GUARDS					
	21070 21080	AC24G AC30G	24" Guard. 30" Guard.	14 20	\$93 \$137
PROPELLERS					
	72458 73058	C-24B2 C-30B	24" Propeller with 5/8" bore, includes bushing to adapt propeller to fit motors with 1/2" shaft. 30" Propeller with 5/8" bore, includes bushing to adapt propeller to fit motors with 1/2" shaft.	5 5	\$48 \$53
MOTOR					
	78018 37430	C-1A 0-3B	Commercial Non-Oscillating motor, ¼ HP, 2.5 Amp, 1 Phase, 3 Speed, 5/8" dia. shaft, 15' Power Cord. Commercial Oscillating motor, 1/3 HP, 1 Phase, 3 Speed, 115v. NOTE: Oscillating motor not to be used in UPSIDE-DOWN position.	23 23	\$191 \$347

FEATURES

- Safety Yellow Color
- 6 Mounting Options
- Hinged Guard for Easy Cleaning
- Meets OSHA Safety Standards
- 5 Year Warranty
- 115V 1/3 HP 1 Phase, Totally Enclosed, 2 Speed Motor
- Patented Modular Motor End Dome
- Designed for Automotive, Food Processing and General Factory Operations

PERFORMANCE 115V

PULL CHAIN SWITCH DROP CORD SWITCH

Prop Dia.	CFM		RPM		Motor No.	Motor No.
	High	Low	High	Low		
20"	3637	3317	1150	1050	DJ-110V-HEM	DJ-110V-HEM-DCS-2
24"	5280	3980	1120	840	DJ-110V-HEM	DJ-110V-HEM-DCS-2
30"	6915	5000	1115	780	DJ-110V-HEM	DJ-110V-HEM-DCS-2

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

115V MODELS

2-SPEED PULL CHAIN SWITCH

Prop Dia.	Fan Style	EDP Number	Catalog No.	Ship Wt.	List Price
20"	All 24" Kitted components consist of: 11031 (DJ-110V-HEM Motor); 12212 (DJ-20HGB Guard with Prop) plus mounting listed below.				
	Pedestal Mount 11710 (DJ-PB/1 Base) 11750 (DJ-PC Pedestal)	12200K	DJ-PF20-2SPH	78	\$606
	Adapter Kit Model 11454 (DJ-AK Adapter Kit with Safety Cable)	12202K	DJ-AKF20-2SPH	46	\$465
	Wall Mount 37772 (IAC-WM Wall Mount with Safety Cable)	12204K	DJ-WMF20-2SPH	51	\$514
	Ceiling / Bench Mount 11456 (DJ-CM Ceil./Bench Mount with Safety Cable)	12206K	DJ-CMF20-2SPH	51	\$496
	Channel Mount 11453 DJ-CCM (Channel Beam Mt. with Safety Cable)	12208K	DJ-CCM20-2SPH	58	\$538
	Beam Mount 37784 (IAC-BM-1 Beam Mount with Safety Cable)	12210K	DJ-BMF20-2SPH	58	\$522
24"	All 24" Kitted components consist of: 11031 (DJ-110V-HEM Motor); 11080 (DJ-24HGB Guard with Prop) plus mounting listed below.				
	Pedestal Mount 11710 (DJ-PB/1 Base) 11750 (DJ-PC Pedestal)	10501K	DJ-PF24-2SPH	82	\$620
	Adapter Kit Model 11454 (DJ-AK Adapter Kit with Safety Cable)	10101K	DJ-AKF24-2SPH	50	\$479
	Wall Mount 37772 (IAC-WM Wall Mount with Safety Cable)	10401K	DJ-WMF24-2SPH	55	\$527
	Ceiling / Bench Mount 11456 (DJ-CM Ceil./Bench Mount with Safety Cable)	10301K	DJ-CMF24-2SPH	55	\$510
	Channel Mount 11453 DJ-CCM (Channel Beam Mt. with Safety Cable)	10203K	DJ-CCM24-2SPH	62	\$552
	Beam Mount 37784 (IAC-BM-1 Beam Mount with Safety Cable)	10204K	DJ-BMF24-2SPH	62	\$535
30"	All 30" Kitted components consist of: 11031 (DJ-110V-HEM Motor); 11070 (DJ-30 HGB Guard with Prop) plus mounting listed below.				
	Pedestal Mount 11710 (DJ-PB/1 Base) 11750 (DJ-PC Pedestal)	10551K	DJ-PF30-2SPH	89	\$632
	Adapter Kit Model 11454 (DJ-AK Adapter Kit with Safety Cable)	10151K	DJ-AKF30-2SPH	54	\$492
	Wall Mount 37772 (IAC-WM Wall Mount with Safety Cable)	10451K	DJ-WMF30-2SPH	59	\$540
	Ceiling / Bench Mount 11456 (DJ-CM Ceil./Bench Mount with Safety Cable)	10351K	DJ-CMF30-2SPH	59	\$511
	Channel Mount 11453 DJ-CCM (Channel Beam Mt. with Safety Cable)	10253K	DJ-CCM30-2SPH	66	\$565
	Beam Mount 37784 (IAC-BM-1 Beam Mount with Safety Cable)	10254K	DJ-BMF30-2SPH	66	\$548

2-SPEED DROP CORD SWITCH

EDP Number	Catalog No.	Ship Wt.	List Price
All 20" Kitted components consist of: 12005 (DJ-110V-HEM DCS-2 Motor); 12212 (DJ-20HGB Guard with Prop) plus mounting listed under 2-Speed Pull Chain Models			
12201K	DJ-PF20-2SPH-DC	81	\$648
12203K	DJ-AKF20-2SPH-DC	49	\$508
12205K	DJ-WMF20-2SPH-DC	54	\$555
12207K	DJ-CMF20-2SPH-DC	54	\$537
12209K	DJ-CCM20-2SPH-DC	61	\$580
12211K	DJ-BMF20-2SPH-DC	61	\$563
All 24" Kitted components consist of: 12005 (DJ-110V-HEM DCS-2 Motor); 11080 (DJ-24HGB Guard with Prop) plus mounting listed under 2-Speed Pull Chain Models			
10731K	DJ-PF24-2SPH-DC	85	\$661
10733K	DJ-AKF24-2SPH-DC	53	\$520
10740K	DJ-WMF24-2SPH-DC	58	\$569
10738K	DJ-CMF24-2SPH-DC	58	\$551
10735K	DJ-CCM24-2SPH-DC	65	\$594
10750K	DJ-BMF24-2SPH-DC	65	\$577
All 30" Kitted components consist of: 12005 (DJ-110V-HEM DCS-2 Motor); 11070 (DJ-30HGB Guard with Prop) plus mounting listed under 2-Speed Pull Chain Models			
10732K	DJ-PF30-2SPH-DC	92	\$674
10734K	DJ-AKF30-2SPH-DC	57	\$533
10741K	DJ-WMF30-2SPH-DC	62	\$582
10739K	DJ-CMF30-2SPH-DC	62	\$563
10736K	DJ-CCM30-2SPH-DC	69	\$606
10737K	DJ-BMF30-2SPH-DC	68	\$589

EDP Number	Catalog Number	List Price
12553	DJ24 HEAD ASS'Y	\$482
12554	DJ30 HEAD ASS'Y	\$495



Pedestal Mount

Patented Modular Motor End Dome for easy maintenance



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.

NOTES:

"K" suffix indicates unit shipped as individual component parts, may be shipped UPS or Truck.
Cord and Plug supplied with 1 Phase Models.

See page 13 for Component Parts & Accessories.

HEAVY DUTY SAFETY YELLOW AIR CIRCULATORS

460V

High Visibility, Low Maintenance



PERFORMANCE 460V

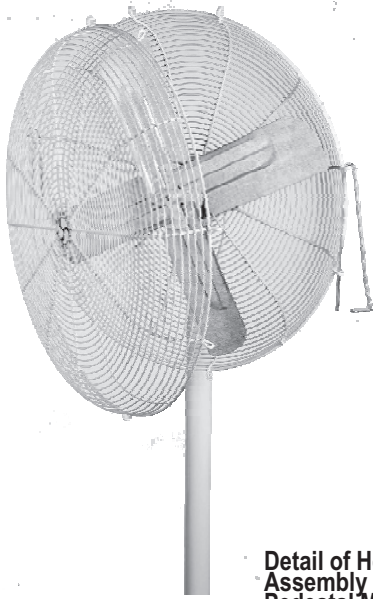
Size	CFM	RPM	Motor No.
20"	3637	1150	DJ-460V-M
24"	5280	1120	DJ-460V-M
30"	6915	1115	DJ-460V-M

FEATURES

- Safety Yellow Color
- 6 Mounting Options
- Hinged Guard for Easy Cleaning
- Meets OSHA Safety Standards
- 5 Year Warranty
- 460V, 3 Phase, Totally Enclosed, 1/4 HP, 1Speed Motor
- Patented Modular Motor End Dome
- Designed for Automotive, Food Processing and General Factory Operations

SAFETY HEAD ASSEMBLIES

460V MODELS



Detail of Head Assembly on Pedestal Mount



Patented Modular Motor End Dome for easy maintenance



Wall Mount



I-Beam Mount



Channel Mount



Ceiling / Bench Mount



Adapter Kit

Adapter kit is used to adapt fan head to 1/2" (1 1/2 threads/inch) pipe mounts.

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.

Prop Dia.	Fan Style	EDP Number	Catalog No.	Ship Wt.	List Price
All 20" kitted components consist of: 11050 (DJ-460V-M Motor); 12212 (DJ-20HGB Guard with Prop) plus mounting listed below.					
20"	Pedestal Mount 11710 (DJ-PB/1 Base) 11750 (DJ-PC Pedestal)	12213K	DJ-PF20-460V	81	\$774
	Adapter Kit Model 11454 (DJ-AK Adapter Kit with Safety Cable)	12214K	DJ-AKF20-460V	49	\$633
	Wall Mount 37772 (IAC-WM Wall Mount with Safety Cable)	12215K	DJ-WMF20-460V	54	\$682
	Ceiling / Bench Mount 11456 (DJ-CM Ceil./Bench Mount with Safety Cable)	12216K	DJ-CMF20-460V	54	\$664
	Channel Mount 11453 DJ-CCM (Channel Beam Mt. with Safety Cable)	12217K	DJ-CCM20-460V	61	\$706
	Beam Mount 37784 (IAC-BM-1 Beam Mount with Safety Cable)	12218K	DJ-BMF20-460V	61	\$689
	All 24" kitted components consist of: 11050 (DJ-460V-M Motor); 11080 (DJ-24HGB Guard with Prop) plus mounting listed below.				
24"	Pedestal Mount 11710 (DJ-PB/1 Base) 11750 (DJ-PC Pedestal)	11051K	DJ-PF24-460V	85	\$788
	Adapter Kit Model 11454 (DJ-AK Adapter Kit with Safety Cable)	11052K	DJ-AKF24-460V	53	\$647
	Wall Mount 37772 (IAC-WM Wall Mount with Safety Cable)	11053K	DJ-WMF24-460V	58	\$695
	Ceiling / Bench Mount 11456 (DJ-CM Ceil./Bench Mount with Safety Cable)	11054K	DJ-CMF24-460V	58	\$677
	Channel Mount 11453 DJ-CCM (Channel Beam Mt. with Safety Cable)	11055K	DJ-CCM24-460V	65	\$720
	Beam Mount 37784 (IAC-BM-1 Beam Mount with Safety Cable)	11056K	DJ-BMF24-460V	65	\$703
All 30" kitted components consist of: 11050 (DJ-460V-M Motor); 11070 (DJ-30HGB Guard with Prop) plus mounting listed below.					
30"	Pedestal Mount 11710 (DJ-PB/1 Base) 11750 (DJ-PC Pedestal)	11057K	DJ-PF30-460V	92	\$799
	Adapter Kit Model 11454 (DJ-AK Adapter Kit with Safety Cable)	11058K	DJ-AKF30-460V	57	\$659
	Wall Mount 37772 (IAC-WM Wall Mount with Safety Cable)	11059K	DJ-WMF30-460V	62	\$707
	Ceiling / Bench Mount 11456 (DJ-CM Ceil./Bench Mount with Safety Cable)	11060K	DJ-CMF30-460V	62	\$689
	Channel Mount 11453 DJ-CCM (Channel Beam Mt. with Safety Cable)	11061K	DJ-CCM30-460V	69	\$732
	Beam Mount 37784 (IAC-BM-1 Beam Mount with Safety Cable)	11062K	DJ-BMF30-460V	68	\$716

NOTES:

*"K" suffix indicates unit shipped as individual component parts, may be shipped UPS or Truck.

Cord and Plug supplied with 1 Phase Models. Cord and Plug not provided with 3 Phase Models. Must be hard wired. Wiring must conform to all national, state and local codes.

See page 13 for Component Parts & Accessories.

EDP Number	Catalog Number	Description	Ship Wt.	List Price	
MOTOR COMPONENTS					
11031	DJ-110V-HEM	High efficiency, 115V, 2.7A, 2 speed ball bearing motor with modular end dome and recessed pull chain switch. Used with 20, 24 or 30 inch fans. (1)	18	\$286	(1)
12005	DJ-110V-HEM-DCS2	Above 115V, 2.7A motor with drop cord and 2 speed switch. (2)	19	\$339	(2)
11050	DJ-460V-M	460V, 3Ph, 1 speed motor used with 20, 24 or 30 inch fans. (3)	15	\$488	(3)
GUARD & PROPELLER COMPONENTS					
12212 11080 11070	DJ-20HGB DJ-24HGB DJ-30HGB	20" Hinged Guard and Propeller. 24" Hinged Guard and Propeller. 30" Hinged Guard and Propeller.	20 30 32	\$182 \$195 \$209	(1)
MOUNTING COMPONENTS					
11454 11453 37784 11456 37772 11750 11710	DJ-AK DJ-CCM IAC-BM-1 DJ-CM IAC-WM DJ-PC DJ-PB	Adapter Kit - Used with 20, 24 or 30 inch fans. (1) Channel Mount - Used with 20, 24 or 30 inch fans. (2) Beam Mount - Used with 20, 24 or 30 inch fans. (3) Ceiling/Bench Mount - Used with 20, 24 or 30 inch fans. (4) Wall Mount - Used with 20, 24 or 30 inch fans. (5) Yellow Pedestal Column - Used with 20, 24 or 30 inch fans. (6) Yellow Pedestal Base - Used with 20, 24 or 30 inch fans. (7)	3 14 13 7 7 10 22	\$31 \$104 \$95 \$61 \$44 \$69 \$103	(1) (2) (3) (4) (5) (6) (7)
SAFETY FAN ACCESSORIES					
12001	DJ-DCS-2	Drop cord with 2 speed switch. (1)	2	\$29	(1)
12191	DJ-DCS	15' drop cord with 1 speed switch (Patent #4,672,234). (2)	2	\$102	(2)
12002 12008 12009	DJ-EC-6 DJ-EC-9 DJ-EC-12	6' extension cord - for use with 2 speed drop cord switch. (3) 9' extension cord - for use with 2 speed drop cord switch. (3) 12' extension cord - for use with 2 speed drop cord switch. (3)	1 2 2	\$17 \$18 \$20	(3)
12000	DJ-MMS-DCS-2	Modular end dome with drop cord and 2 speed switch. (5)	2	\$68	(5)
03033		Cord Lock Assembly (4)	1	\$3	(4)
21204	SK	Safety cable kit - 12' of 1/16" cable and 2 clamps. (6)	3	\$19	(6)
SAFETY FAN REPLACEMENT PARTS					
12219	DJ-HSP20	Guard safety pins. (set of 3) (1) For 20" fan.	1	\$7	(1)
11010	DJ-HSP	Guard safety pins. (set of 4) (1) For 24" & 30" fans.	1	\$10	(2)
01750		Guard safety pins. (1 pin only) (1) For 24" & 30" fans.	1	\$7	(3)
01723	DJ-SW-2S-PC	Switch - pull chain. (2)	2	\$12	(4)
01518	DJ-CAP-HE	Capacitor - 7.5 MF. (3)	1	\$12	(5)
12190	DJ-CRP	Cord and plug. (4)	2	\$23	(5)
12251	DJMMS-HE	Modular Motor Shell (complete with switch, 7.5 MF capacitor & male connector.) (5)	1	\$57	(5)

NOTE:
Adapter Kit is used to adapt fan head to 1½" (11½ threads/inch) pipe mounts.

STAINLESS STEEL FOOD SERVICE WASHDOWN® 115/230V AIR CIRCULATOR



BISSC Certified



FEATURES

- Constructed with Electro-polished 304 Stainless Steel Approved by the USDA and the NSF for "Food Zones".
- Motor Washdown Specifications is IEC-IP55
- 115/230V, 1/4 HP, 1 Phase, TEAO, BISSC Certified Motor
- 115V Motor with Switch and Cord Available (See Component Parts - Page 15)
- 10 Year Warranty
- Designed to Withstand Moist/Wet Environments, High Pressure Cleaning with Concentrated Caustic Solutions without Affecting Performance or Functionality.
- Available in Non-Adjustable Pedestal or Wall Mount
- UL/ CUL Listed

PERFORMANCE 115V & 115/230V

Prop Dia.	CFM	RPM	Motor Number
30"	8800	1075	WASHGUARD™ II

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

115/230V MODELS*

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	PH	Ship Wt.
	All 30" Kitted Components consist of: 70204 (Washguard II Motor); 70761 (AC30GSS Guard Assembly); 72401 (WGB30 Prop); plus mounting listed below.					
30"	Floor Model 73001 (PEDSS Pedestal) 77001 (BOS Base)	70764K	PWISS	1/4	1	81
30"	Wall Model 37773 (IAC-WBS Wall Brkt. with Safety Cable)	70767K	WWISS	1/4	1	64

Note: When assembling fans use only the stainless steel fasteners supplied with the motors. Fans and motors should be cleaned and inspected regularly. Capacitor covers may eventually require replacement; covers are available from your Airmaster® distributor. Order part 82105.

CHEMICAL RESISTANCE RATING CHART

CHEMICAL	CONCENTRATION	STAINLESS STEEL PARTS	ENDBELLS, CONDUIT BOX & CAPACITOR COVER
WATER:			
De-ionized Boiling	100%	Excellent	Excellent
Salt (Immersed)	30%	Excellent	Excellent
Salt (Spray)	5%	Excellent	Excellent
Tap - 250°/120°@10,000 PSI	100%	Excellent	Excellent
ACIDS:			
Hydrochloric	35%	Poor	Very Good
Sulfuric	25%	Poor	Excellent
Nitric	35%	Excellent	Good
Picric	Saturated Solution	Excellent	Very Good
BASE:			
Caustic	100%	Excellent	Excellent
Caustic	12pH	Excellent	Excellent
Caustic - 123°F/50°C	9.5pH	Excellent	Excellent
SOLVENTS:			
		Excellent	Excellent

GENERAL DUTY WASHDOWN® 115/230V AIR CIRCULATOR



FEATURES

- Constructed with Electro-polished 304 Stainless Steel or FDA Approved White Epoxy Coating
- 115/230V, 1/4 HP, 1 Phase, TEAO, Epoxy Coated Motor Restricts Entrance of Moisture and Releases any Condensation from Within
- Motor Meets IEEE 45 and CCM-1807 Specifications
- Motor Washdown Specification is IEC-IP55
- 2 Year Warranty
- Designed to Withstand Moist/Wet Environments Without Affecting Performance or Functionality.
- Available in Non-Adjustable Pedestal or Wall Mount

PERFORMANCE 115V & 115/230V, 1 PHASE

Prop Dia.	CFM	RPM	Motor Number	F.L. Amps
30"	8800	1075	WASHGUARD™ I	3.8/1.6

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

STAINLESS STEEL 115/230V, 1 PHASE MODELS*

Prop Dia.	Fan Style	EDP Number	Catalog Number	Ship Wt.
	All 30" Kitted Components consist of: 70202 (Washguard II Motor); 70761 (AC30GSS Guard Assembly); 72401 (WGB30 Prop); plus mounting listed below.			
30"	Floor Model 73001 (PEDSS Pedestal) 77001 (BOS Base)	70770K	PED WACISS	75
30"	Wall Model 37773 (IAC-WBS Wall Brkt. with Safety Cable)	70772K	WACISSW	58

EPOXY COATED 115/230V, 1 PHASE MODELS*

Prop Dia.	Fan Style	EDP Number	Catalog Number	Ship Wt.
	All 30" Kitted Components consist of: 70202 (Washguard I Motor); 70763 (AC30GW Guard Assembly); 72403 (WGBW30 Prop); plus mounting listed below.			
30"	Floor Model 75014 (C-2039NP Pedestal) 75011 (C-2030W Base)	70771K	PED WACIW	81
30"	Wall Model 75010 (IAC0WBW Wall Brkt. with Safety Cable)	70773K	WACISWW	64

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.

NOTES:

TEAO = Totally Enclosed Air Over

*"K" suffix indicates unit shipped as individual component parts, may be shipped UPS or Truck.

* **CORD AND PLUG NOT PROVIDED WITH 115/230V MODELS. MUST BE HARD WIRED. WIRING MUST CONFORM TO ALL NATIONAL, STATE AND LOCAL CODES. FOR MOTOR WITH CORD, PLUG AND SWITCH, USE THE 115V MOTOR ON PAGE 2.**

See page 2 for Component Parts.

EDP Number	Cat. Number	Description	F.L. Amps	Ship Wt.	List	
115/230V MOTOR (HARD WIRED)						
70202 70204	WASHGUARD™ WASHGUARD™II	¼ HP, 115/230V, 1 Phase ½" shaft (White Epoxy Coated) ¼ HP, 115/230V, 1 Phase ½" shaft (Stainless Steel) *BISSC Certified	3.2/1.6 3.8/1.9	26 32	\$663 \$1040	
115V MOTOR WITH SWITCH AND CORD						
70208 70209	WASHGUARD™ WASHGUARD™II	¼ HP, 115V, 1 Phase ½" shaft (White Epoxy Coated) ¼ HP, 115V, 1 Phase ½" shaft (Stainless Steel) *BISSC Certified	3.2 3.8	29 35	\$851 \$1229	
GUARDS						
70761 70763	AC30GSS AC30GW	30" Stainless Steel Guard 30" White Epoxy Coated Guard		20 21	\$394 \$114	
PROPELLERS						
72401 72403	WGBS WGBW	30" Stainless Steel Propeller 30" Galvanized White Epoxy Coated Propeller		6 5	\$124 \$80	
PEDESTAL						
73001 75014	PEDSS C-2030NPW	Stainless Steel Stationary Pedestal, 5' Height/ Bottom 33½" Counter Model Epoxy White Stationary Pedestal, 5' Height/ Bottom 33½" Counter Model		7 7	\$124 \$50	
BASE						
77001 75011	BOS C-2030BW	Open Base - Stainless Steel Open Base - Epoxy White Coated		16 17	\$210 \$103	
WALL MOUNT BRACKET						
37773 75010	IAC-WBS IAC-WBW	Stainless Steel Wall Mount Bracket - (Complete with Safety Cable) Epoxy White Coated Wall Mount Bracket - (Complete with safety Cable)		6 7	\$126 \$47	

EPOXY COATED WASHDOWN[®] BARREL FAN

APPLICATIONS FOR MOIST AND WET ENVIRONMENTS

FEATURES:

- 115V, 1 Phase, TEAO, Epoxy Coated WASHGUARD™I Motor
Restricts Entrance of Moisture and Releases Any Condensation from Within.
- Motor Meets IEEE 45 and CCM-1807 Specifications
- Motor Washdown Specification is IEC-IP55
- Tilttable
- Toggle Switch on 36"; Push Button Switch on 20", 24" and 30"
- Designed to Withstand Moist/Wet Environments Without Affecting Performance or Functionality.
- Two Year Warranty

PERFORMANCE 115V MODELS

Prop Dia.	CFM	RPM	Motor Number
20"	3225	1140	WASHGUARD™I
24"	3990	1140	WASHGUARD™I
30"	4875	1140	WASHGUARD™I
36"	9800	850	WASHGUARD™I

NEW



115V MODELS

PROP DIA.	EDP NUMBER	CATALOG NUMBER	HP	VOLT	PHASE	F.L. AMPS	WT.	PRICE
20"	60475	20WDDF	1/4	115	1	2.9	47	\$903
24"	60474	24WDDF	1/4	115	1	3.0	58	\$1050
30"	60473	30WDDF	1/4	115	1	3.2	60	\$1168
36"	60472	36WDDF	1/2	115	1	5.3	65	\$1272

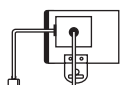
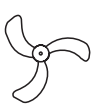

MARKETS:

CLEAN AIR ENVIRONMENT - MOIST ENVIRONMENTS - SWIMMING POOLS - CAR WASHES - HOSPITALS - MEDICAL LABS - PHARMACEUTICAL HOUSES - PRODUCE MARKETS

NOTES:
TEAO = Totally Enclosed Air Over.

EPOXY COATED WASHDOWN® BARREL FAN REPLACEMENT PARTS



	EDP Number	Description	FL Amps	Ship Wt.	List
	115 MOTOR ASSEMBLY WITH SWITCH AND CORD				
	70220	1/4 HP, 115V, 1 Phase 1/2" shaft, WASHGUARD™ motor. For 20", 24" and 30" Models	3.2	29	\$788
	70221	1/2 HP, 115V, 1 Phase 1/2" shaft, WASHGUARD™ motor. For 36" Model.	3.8	35	\$851
	PROPELLER ASSEMBLY				
	04310	20" Epoxy Coated Propeller Assembly - 5/8" Bore. Cast Aluminum		4	\$125
	21095	24" Epoxy Coated Propeller Assembly - 5/8" Bore. Cast Aluminum		5	\$137
	21105	30" Epoxy Coated Propeller Assembly - 5/8" Bore. Cast Aluminum		6	\$145
	21115	36" Epoxy Coated Propeller Assembly - 5/8" Bore. Cast Aluminum		10	\$168
	CRADLE KITS				
	08380	20" Cradle Kit		16	\$89
	08381	24" Cradle Kit		18	\$99
	08382	30" Cradle Kit		20	\$111
	08383	36" Cradle Kit		22	\$125

MISTING BARREL & PEDESTAL FANS - 115V

Can Lower Ambient Air Temperature to the Dew Point
Commercial, Industrial, Agricultural & Residential Applications



Barrel Fan



Pedestal Fan

FEATURES

- 1 Year Warranty
- Patented 3 Nozzle Misting Head
- Variable Water Output - up to 6 Gallons/Hour
- Air Pattern of 60' Long x 20' Wide
- Indoor/Outdoor 115V, 1/3 HP, 1 Phase
- 2 Speed Motor with Waterproof 2 Speed Switch
- Dual Point Filtering System - Stainless Steel In-Line Filter & a Filter for Large Objects at the Hose Connection
- Mounting Yoke on Barrel Fan Allows for 360° Tilt
- Metal Parts Epoxy Powder Coated
- UL Listed

PERFORMANCE 115V

Prop Dia.	Fan Style	CFM	RPM
30"	Barrel Fan	8800/6000	1140/950
30"	Pedestal Fan	6800/4100	1100/950

Performance Ratings are conducted in accordance with AMCA Standard 230-99.

115V MODELS : 2 SPEED MOTOR

Prop Dia.	Fan Style	EDP Number	Catalog Number	Ship Wt.	List Price
30"	Barrel Fan	60031	MFBB-30	85	\$784
30"	Pedestal Fan	60034	AAMF-30-1	62	\$668

Affordable Versatility

Patent Pending

FEATURES

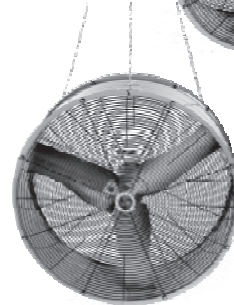
- Versatile
- One Fan - Four Mounting Options
- All Mountings In One Box
- Easy To Assemble
- UPS Shippable
- 115V, 1 Phase, 3 Speed (30") & 2 Speed (36")
- Totally Enclosed Air Over Motors
- 1 Year Warranty
- UL Listed
- Tiltable
- Guards, Barrel, Mountings Epoxy Coated

PERFORMANCE 115V

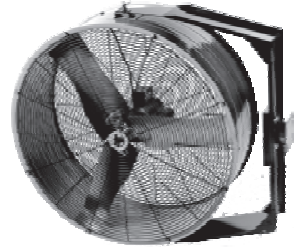
Prop Dia.	Fan Style	CFM	RPM	AMP DRAW
30"	4 - IN - 1 All Mounts	5670/4590/3410	1110/810/600	2.9 / 2.1 / 1.93
36"	4 - IN - 1 All Mounts	11200/8090	830/600	4.6 / 3.5



Ceiling Mount



Hanging Mount



Wall Mount



Portable Barrel

115V MODELS

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
30"	4 - IN - 1 All Mounts	60470	DD3041	1/4	110	\$431
36"	4 - IN - 1 All Mounts	60471	DD3641	1/2	130	\$529

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.

BELT DRIVE

Engineered for Superior Performance

FEATURES

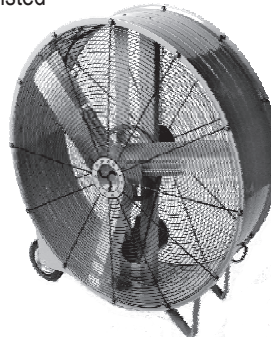
- Guards & Propellers Black Epoxy Coated
- Barrel Epoxy Coated
- MC Design has 30° Tilt Up & Down with Lock
- 115V, 1 Phase, 1 and 2 Speed, Open Drip Proof Motors
- UL / CUL Listed

PERFORMANCE 115V

Prop. Dia.	Cabinet Size	CFM	RPM
36"	36 1/2"	9335/6295	520/300
42" 1 SP	42 1/2"	16180	380
42" 2 SP	46"	17000/12000	540/400
48"	48 1/2"	17730	385

115V MODELS

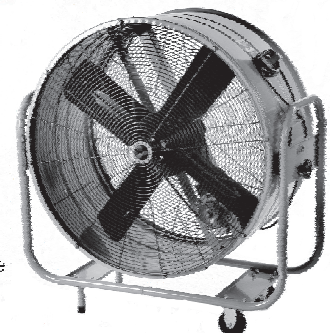
Prop. Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
36"	Swivel Mount	60024	MC36B	1/2 (2SP)	107	\$989
36"	Portable	60018	EMC36B	1/2 (2SP)	102	\$846
42"	Swivel Mount	60025	MC42B	3/4 (1SP)	135	\$1075
42"	Portable	60007	EMC42D	1/2 (2SP)	95	\$630
48"	Swivel Mount	60026	MC48B	1 (1SP)	160	\$1311
48"	Portable	60019	EMC48B	1 (1SP)	155	\$1070



EMC42D
Portable 2 SP Barrel



Portable Belt Drive
EMC36/48B



Swivel Mount Belt Drive
MC36/42/48B



FEATURES

- Completely Assembled
- On/Off Switch & Handle
- 1 Year Warranty

- Cord and Plug Included
- 115V, 1 Phase, 1 Speed, Open Drip Proof Motor

PERFORMANCE 115V

Prop Dia.	Cabinet Size	CFM	RPM
30"	36¼" x 19" W	7360	580
36"	42¼" x 19" W	9230	430
42"	48¼" x 19" W	13620	440
48"	54¼" x 19" W	17770	400

115V MODELS

Prop Dia.	Fan Style	EDP Number	Catalog Number	HP	Ship Wt.	List Price
30"	Cabinet Fan	39130	M30RA	1/2	141	\$1540
36"	Cabinet Fan	39140	M36RA	1/2	152	\$1613
42"	Cabinet Fan	39150	M42RA	3/4	277	\$2167
48"	Cabinet Fan	39160	M48RA	1	312	\$2347

AIR CIRCULATOR APPLICATIONS

There are four main uses for fans which circulate air through an enclosed space at appreciable velocity.

- (1) To create a curtain of high velocity air in order to prevent the movement of insects or the convective movement of air between adjoining spaces.
- (2) To eliminate dead air spots within an enclosure.
- (3) To cool hot materials, machinery or parts by moving cooler air across their surfaces.
- (4) TO COOL PEOPLE. This is by far the most common use for air circulating fans.

In the effective cooling of people, air movement utilizes favorable phenomena in human physiology. Human bodies have a built-in temperature regulation system. Their metabolism produces body heat. In order to maintain thermal equilibrium, the body must lose heat at exactly the same rate as its metabolism produces it.

The body rejects excess heat by evaporation, convection and radiation, all of which are affected by environment. Only the first two can be assisted by circulating fans. **FANS WILL NOT MATERIALLY AFFECT BODY HEAT LOSS OR GAIN RESULTING FROM RADIATION.** A man working near a red hot furnace can better be protected by installation of a shiny aluminum shield between his position and the infra-red source.

Fans will help the body lose heat by convection provided the temperature of the air is lower than the surface temperature of the skin. The convective loss is limited by the temperature differential as well as by human perception, about which more will be said later.

Of substantial benefit is the assistance fans give to body heat losses by evaporation. It is, in effect, air conditioning. When perspiration changes from the solid to the gaseous state for any reason, heat is absorbed by the vapor. If perspiration can be induced to evaporate at a faster rate, more heat is removed. This phenomena is called Evaporative Cooling.

Any movement of air across a sweating surface increases cooling. The higher the velocity of air movement, the higher the rate of comfort cooling up to the limits of human tolerance.

As a broad rule of thumb, general ventilation fans are primarily an aid to convective heat losses. Air circulators help where it means the most - when the temperature is high - by accelerating evaporative cooling.

Air circulators are subject to the human perceptions previously mentioned. Actual tests with many individuals show that most people are subject to these:

- (1) They are slightly cool at 72° F, up to almost 90% relative humidity
- (2) They are comfortable at 77° F, up to about 70% relative humidity, and slightly warm at a higher humidity.
- (3) They are slightly warm at 82° F. at relative humidity 50% or lower, and warmer at a higher humidity
- (4) They are definitely warm, often uncomfortably so, at 87° F. at 30% to 40% relative humidity, increasingly warm and uncomfortable as humidity rises above 40%.

Here, then, are the environmental conditions where air circulators will be beneficial. When humidity rises over 50% or temperature over 80° F, fans will usually be welcome, but this doesn't end people's perceptions.

- (5) They usually cannot feel air movement of 30 FPM velocity or less.
- (6) They usually do not like a CONTINUOUS breeze in excess of about 100 FPM, but do not mind an intermittent breeze of 200 FPM or more.
- (7) They usually do not like a breeze of less than 80° F. temperature. They refer to lower temperature breezes as a "draft".
- (8) Finally, at very hot or humid conditions, all perceptions are off, and almost any air velocity above 200 FPM at almost any temperature up to ambient will make them feel better - or at least think they do.

Note that nowhere in this discussion have we mentioned cubic feet per minute (CFM). Instead the word has been VELOCITY or FPM. It is a fact that 10,000 CFM at 25 FPM will accomplish less cooling of a person in a hot environment than 1,000 CFM at 100 FPM. It is the velocity distribution pattern of an air circulator that is important, not its CFM rating (with or without the "induced air" effect).

CEILING FAN APPLICATIONS

A major source of untapped energy is available at the ceiling in most industrial and commercial buildings. Air Stratification causes heat buildup at the ceiling as much as 25°F. or more above floor level temperatures. By installing Airmaster® ceiling fans, this warm air can be recirculated down to floor level to maintain a uniform air temperature from floor to ceiling. The resulting fuel savings can amount to as much as 30% on heating costs.

Airmaster® ceiling fans provide a quiet and efficient means of creating cooling breeze during summer. These fans can complement an exhaust ventilating system and room air conditioning by providing air movement and recirculation to remote areas. This can be beneficial during periods of high humidity, when mold or mildew can be a problem on stored warehouse products.

APPLICATION DATA

(A) To prevent stratification of air in a building, Airmaster® ceiling fans should be applied in accordance with the table below:

Ceiling Height	40	30	20	15
Recommended floor area per fan (ft) ²	2900	4000		

(B) When fans are used for cooling people during the summer, they should be spaced 15' to 20' apart in the occupied area.

For maximum fuel savings and heat utilization, fans should be located over heat producing equipment, such as ovens, air compressors, generators, etc. Fans will keep the heat at floor level instead of rising to the ceiling.

(D) In warehouse storage areas, best results will be obtained if fans are mounted over aisle ways.

(E) Fans should not be mounted less than 10' above the floor.

(F) The use of a safety cable is required on all ceiling fans.

Continuous Duty...Reduces Energy Costs

FEATURES

- **Mark VIII**
 - Shipped Complete with Safety Cable Included
 - 5 Year Commercial Warranty
 - UL Listed
- **Mark VI**
 - Shipped Complete with Safety Cable Included
 - 2 Year Commercial Warranty
 - UL Listed

- **Mark I**
 - Shipped Complete with Safety Cable Included
 - 1 Year Commercial Warranty
 - UL Listed
- All Mark Ceiling Fans are Painted with Electro-Static White Paint
- **All Ceiling Fans Stocked**



PERFORMANCE

Prop Dia.	Fan Style	Down Length	CFM	RPM	Volt	Amps	Watts Full Speed
56"	MARK I	30"/15"	26400	220	120	0.40	42
	MARK VIII	30"/15"	34000	335	120	1.15	100
	MARK VI-115	32"/14"	32900	311	120	1.12	120
	MARK VI-277	32"/14"	32900	307	277	0.31	125
60"	MARK VIII-60	30"/15"	39600	320	120	1.20	120

120V & 277V MODELS

Prop Dia.	EDP Number	Catalog Number	Ship Wt.	120V List Price	277V List Price
56"	40132	MARK I	15	\$86	-
	40021	MARK VIII	19	\$233	-
	40123	MARK VI-115	15	\$158	-
	40124	MARK VI-277	15	-	\$176
60"	40041	MARK VIII-60	20	\$245	-

Multiple fans, wire in parallel.

Why Reversible Ceiling Fans Do Not Function As Advertised

The ceiling fan's main function is to de-stratify trapped hot air in rooms with high ceilings, primarily in the winter. They also mix air within a room in other seasons producing a cooling effect.

A fan can blow air for long distances, 50 feet or more to take warm air at the ceiling and blow it down to mix with the cooler air below, to equalize temperatures throughout the room.

From only a few feet behind the inlet side, you can feel no airflow. One propeller diameter behind the inlet side the velocity is less than 10% of the leaving air velocity.

Reversing will blow air at the ceiling, but will not induce airflow from the floor. The air will hit the ceiling and its velocity will drop to near zero, spread across the ceiling, drop a short distance and drift back to the fan. It will not circulate air throughout a large area. Reversing paddle fans in large areas and/or high ceilings wastes energy and defeats the purpose of the fan.

Moisture & Dust Resistant Jetproof

FEATURES

- Preassembled with Watertight Power Cord and Safety Cable
- Moisture and Dust Resistant
- 2 Year Commercial Warranty
- UL Listed

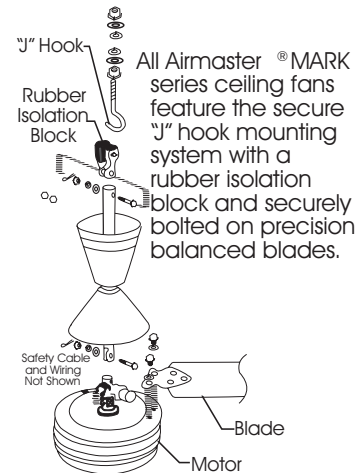
PERFORMANCE

Prop Dia.	Fan Style	Down Length	CFM	RPM	Volt	Amps	Watts Full Speed
56"	MARK VI Jetproof (JP-CP)	24"	32900	311	115	1.12	120

115V MODEL

Prop Dia.	EDP Number	Catalog Number	Ship Wt.	List Price
56"	40129	MARK VI Jetproof (JP-CP)	15	\$247

Multiple fans, wire in parallel.



ACCESSORIES

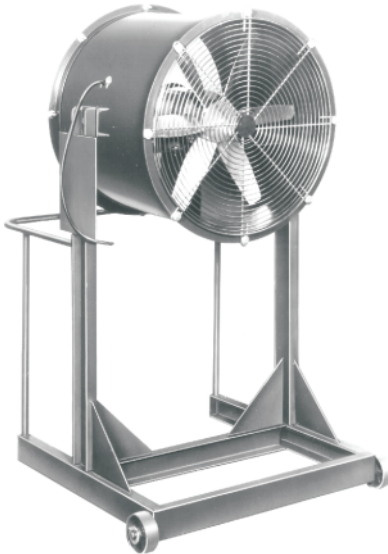
	EDP Number	Cat. Number	Description	Ship Wt.	List
	CONTROLS FOR COMMERCIAL AND INDUSTRIAL CEILING FANS				
	24855	485210	Control regulates 1 to 6 fans. Not to exceed a maximum amp draw of 6.0 amps. (1)	1	\$42
	24860	596321	Control regulates 7 to 12 fans. Not to exceed a maximum amp draw of 10.0 amps. (1)	1	\$99
	24848	374111	Standard Control, 277V, regulates 1 to 3 fans. 1.5 amps. (1)	1	\$50
	24880	H-1	Humidistat (2) 20% to 80% RH range.	1	\$192
	PROTECTIVE CEILING FAN GUARD AND MESH COVER (For 56" Fans)				
	40006	UCFG	61-inch diameter nickel chrome plated top and bottom guard kit UPS shippable. Nylon mesh wrap-around cover with nylon draw strings.	21	\$272
	40015	FGN		1	\$180
	SAFETY CABLE KIT				
	21204	40150	Safety Cable Kit - Available for Retrofit Applications	3	\$19

DIRECT DRIVE AIR BLASTERS - 115/230V & 230/460V



FEATURES

- Cast Aluminum Non-Sparking Propellers
- Front & Rear Guards Meet OSHA Standards
- Adjustable Tilt Drum on High & Medium Models
- Non-Tipping Heavy Base
- Welded Steel Construction
- Portable or Stationary Mount
- 115/230V and 230/460V, Totally Enclosed and Explosion Proof Motors



High Stand



Medium Stand



Low Stand

PERFORMANCE 115/230V & 230/460V

Prop Dia. ¹	Decibals @ 10'	HP	CFM	RPM
18"	74	1/4	3450	1725
24"	80	1/4	5200	1725
	80	1/2	6500	1725
	82	1	7400	1725
30"	87	3	10500	1725
	86	1/2	8000	1725
	92	1-1/2	11000	1725
	94	3	16000	1725

PERFORMANCE 115/230V & 230/460V

Prop Dia. ¹	Decibals @ 10'	HP	CFM	RPM
36"	88	1-1/2	14850	1725
	90	2	16800	1725
	84	3	20000	1150
42"	86	2	18000	1150
	86	5	28000	1150
48"	105	7-1/2	37000	1150

¹Actual Propeller 3/4" less.

Prop Dia.	EDP Number <small>USE COLUMN AT RIGHT FOR LAST DIGIT OF EDP NO.</small>	HP	Wt.	HIGH STAND MODEL - 360° TILT							
				EDP ends in 0		EDP ends in 1		EDP ends in 2		EDP ends in 3	
				TOTALLY ENCLOSED MOTOR				EXPLOSION PROOF MOTOR			
				1 Phase 115/230V		3 Phase 230/460V		1 Phase 115/230V		3 Phase 230/460V	
				Cat. Number	List Price	Cat. Number	List Price	Cat. Number	List Price	Cat. Number	List Price
18"	2130 □	1/4	228	18M-1/4	\$2981	18MP-1/4	\$2945	18M-1/4X	\$3479	18MP-1/4X	\$3560
24"	2131 □	1/4	255	24M-1/4	\$3104	24MP-1/4	\$3062	24M-1/4X	\$3566	24MP-1/4X	\$3640
	2132 □	1/2	260	24M-1/2	\$3376	24MP-1/2	\$3357	24M-1/2X	\$3989	24MP-1/2X	\$4091
	2133 □	1	270	24M-1	\$3722	24MP-1	\$3594	24M-1X	\$4358	24MP-1X	\$4361
	2134 □	3	300	24M-3	\$4828	24MP-3	\$3995	-	-	24MP-3X	\$4873
30"	2135 □	1/2	281	30M-1/2	\$3710	30MP-1/2	\$3700	30M-1/2X	\$4336	30MP-1/2X	\$4444
	2136 □	1 1/2	340	30M-1 1/2	\$4244	30MP-1 1/2	\$4023	30M-1 1/2X	\$6223	30MP-1 1/2X	\$4783
	2137 □	3	360	30M-3	\$5059	30MP-3	\$4283	-	-	30MP-3X	\$5204
36"	2138 □	1 1/2	415	36M-1 1/2	\$4858	36MP-1 1/2	\$4655	36M-1 1/2X	\$6912	36MP-1 1/2X	\$5414
	2139 □	2	420	36M-2	\$5243	36MP-2	\$4695	36M-2X	\$7584	36MP-2X	\$5595
	2160 □	3	445	-	-	36MP-3	\$5557	-	-	36MP-3X	\$6881
42"	214 □	2	565	42M-2	\$9054	42MP-2	\$5769	-	-	42MP-2X	\$6572
	2162 □	5	590	-	-	42MP-5	\$6587	-	-	42MP-5X	\$8084
48"	2163 □	7 1/2	875	-	-	48MP-7 1/2	\$10,850	-	-	48MP-7 1/2X	\$12,092
MEDIUM STAND MODEL - 360° TILT											
18"	2170 □	1/4	160	18M-1/4M	\$2594	18MP-1/4M	\$2557	18M-1/4MX	\$3098	18MP-1/4MX	\$3176
24"	2171 □	1/4	165	24M-1/4M	\$2815	24MP-1/4M	\$2665	24M-1/4MX	\$3161	24MP-1/4MX	\$3354
	2172 □	1/2	180	24M-1/2M	\$2978	24MP-1/2M	\$2963	24M-1/2MX	\$3564	24MP-1/2MX	\$3700
	2173 □	1	190	24M-1M	\$3316	24MP-1M	\$3181	24M-1MX	\$3958	24MP-1MX	\$3948
	2174 □	3	260	24M-3M	\$4542	24MP-3M	\$3579	-	-	24MP-3MX	\$4474
30"	2175 □	1 1/2	220	30M-1 1/2M	\$3256	30MP-1 1/2M	\$3246	30M-1 1/2MX	\$3883	30MP-1 1/2MX	\$3993
	2176 □	1/2	260	30M-1 1/2M	\$3799	30MP-1 1/2M	\$3557	30M-1 1/2MX	\$5192	30MP-1 1/2MX	\$4324
	2177 □	3	277	30M-3M	\$4602	30MP-3M	\$3823	-	-	30MP-3MX	\$4734
36"	2178 □	1 1/2	320	36M-1 1/2M	\$4429	36MP-1 1/2M	\$4205	36M-1 1/2MX	\$6482	36MP-1 1/2MX	\$5098
	2179 □	2	325	36M-2M	\$4798	36MP-2M	\$4249	36M-2MX	\$7136	36MP-2MX	\$5151
	2200 □	3	350	-	-	36MP-3M	\$5110	-	-	36MP-3MX	\$6437
42"	2181 □	2	415	42M-2M	\$8527	42MP-2M	\$5226	-	-	42MP-2MX	\$6031
	2202 □	5	440	-	-	42MP-5M	\$6049	-	-	42MP-5MX	\$7613
48"	2203 □	7 1/2	745	-	-	48MP-7 1/2M	\$8888	-	-	48MP-7 1/2MX	\$11,307
LOW STAND MODEL											
18"	2210 □	1/4	87	18M-1/4L	\$2166	18MP-1/4L	\$2128	18M-1/4LX	\$2671	18MP-1/4LX	\$2737
24"	2211 □	1/4	115	24M-1/4L	\$2256	24MP-1/4L	\$2226	24M-1/4LX	\$2722	24MP-1/4LX	\$2805
	2212 □	1/2	120	24M-1/2L	\$2545	24MP-1/2L	\$2527	24M-1/2LX	\$3125	24MP-1/2LX	\$3256
	2213 □	1	130	24M-1L	\$2880	24MP-1L	\$2730	24M-1LX	\$3519	24MP-1LX	\$3504
	2214 □	3	160	24M-3L	\$5151	24MP-3L	\$3128	-	-	24MP-3LX	\$4023
30"	2215 □	1/2	141	30M-1/2L	\$2790	30MP-1/2L	\$2767	30M-1/2LX	\$3414	30MP-1/2LX	\$3512
	2216 □	1 1/2	200	30M-1 1/2L	\$3321	30MP-1 1/2L	\$3070	30M-1 1/2LX	\$5294	30MP-1 1/2LX	\$3948
	2217 □	3	220	30M-3L	\$4124	30MP-3L	\$3339	-	-	30MP-3LX	\$4249
36"	2218 □	1 1/2	250	36M-1 1/2L	\$3829	36MP-1 1/2L	\$3599	36M-1 1/2LX	\$5885	36MP-1 1/2LX	\$4372
	2219 □	2	255	36M-2L	\$4189	36MP-2L	\$3640	36M-2LX	\$6527	36MP-2LX	\$4542
	2240 □	3	280	-	-	36MP-3L	\$4504	-	-	36MP-3LX	\$5828
42"	2221 □	2	315	42M-2L	\$7911	42MP-2L	\$4595	-	-	42MP-2LX	\$5399
	2242 □	5	340	-	-	42MP-5L	\$5414	-	-	42MP-5LX	\$6918
48"	2243 □	7 1/2	685	-	-	48MP-7 1/2L	\$8151	-	-	48MP-7 1/2LX	\$10,565

NOTES: Fans are pre-assembled, tested and ready to install. Specify voltage required when ordering.

Prop Dia.	EDP Number	Description	List
YOKE MOUNT - TILT ONLY			
18" 24" 30" 36"	22440 22450 22460 22470	For wall or ceiling mounting. Add the following to low stand prices:	\$594 \$665 \$680 \$827
YOKE MOUNT - TILT & SWIVEL			
18" 24" 30" 36"	22441 22451 22461 22471	For wall or ceiling mounting. Add the following to low stand prices:	\$1451 \$1511 \$1692 \$1883
CASTERS (For Low & Medium Models)			
18"-30" 36"-48"	22480 22490	Two fixed / two swivel (with locking device) Add the following to low or medium stand prices:	\$466 \$654

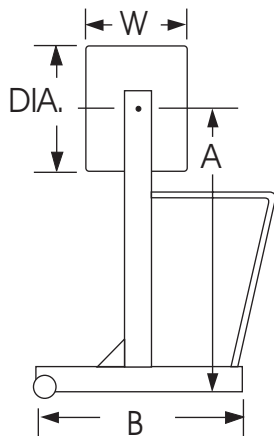


OPTIONAL PREWIRED STARTER SWITCHES

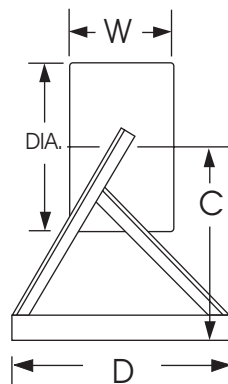
EDP Number	Motor HP	1 Phase Standard	3 Phase Standard	1 Phase Exp. Proof	3 Phase Exp. Proof
91901	1/4, 1/2, 1	\$522	-	-	-
91902	1 1/2	\$1226	-	-	-
91903	1/4, 1/2, 1, 1 1/2, 2, 3	-	\$1232	-	-
91904	5	-	\$1402	-	-
91905	1/4, 1/2, 1	-	-	\$1916	-
91906	1 1/2	-	-	\$3668	-
91907	1/4, 1/2, 1, 1 1/2, 2, 3, 5	-	-	-	\$3337
91908	7 1/2	-	-	-	\$3763

AIR BLASTER DIMENSIONS

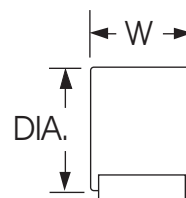
Prop Dia.	W	A	B	C	D
18	20	42	30	28	32
24	20	42	30	28	32
30	20	42	30	28	32
36	24	42	30	28	32
42	24	42	30	28	32
48	30	42	30	36	32



HIGH STAND



MEDIUM STAND



LOW STAND

BASIC TERMINOLOGY

VENTILATION - Moving air from one area to another.

CIRCULATION - The moving of air within a given area.

CFM - The volume of air moved by a fan expressed in cubic feet per minute.

SP / STATIC PRESSURE - The resistance to flow in any air moving system, expressed in inches of water column (IN. W.G.). Fans are rated in CFM at various static pressures.

HP / HORSEPOWER - The most common measurement of mechanical power of a motor.

BHP - The horsepower required to drive the fan at a given RPM and Performance Point.

VELOCITY - The speed, expressed in FPM (feet per minute), of air moving through a given area such as a duct, face area of a hood, air intake opening or cross section of a room or booth, or from an air circulator.

AIR CHANGES - The time required for a complete air change in given space. Normally expressed in minutes per change.

VENTILATION PRINCIPLES

AIR CHANGE METHOD - Probably the most common form of ventilation. Normally used for general ventilation of a building or an area in a building. Determine the the volume of the area by multiplying the **LENGTH X WIDTH X HEIGHT** of the area, then divide the volume by the frequency of air change to determine the required CFM airflow. Determine the frequency of air change from the table below.

AVERAGE AIR CHANGES REQUIRED FOR GOOD VENTILATION

	MINUTES/CHANGE
ASSEMBLY HALLS	2-10
AUDITORIUMS	2-10
BAKERIES	2-3
BANKS	3-10
BARNES	10-20
BARS	2-5
BOILER ROOMS	1-5
BOWLING ALLEYS	2-10
CHURCHES	5-10
CLUBS	2-10
DAIRIES	2-5
DANCE HALLS	2-10
DINING ROOMS	3-10
DRY CLEANERS	1-5
ENGINE ROOMS	1-3
FACTORIES	2-5
FORGE SHOPS	2-5
FOUNDRIES	1-5
GARAGES	2-10
GENERATOR ROOMS	2-5
GYMNASIUMS	2-10
KITCHENS-HOSPITALS	2-5
KITCHENS-RESTAURANTS	1-3
LABORATORIES	1-5
LAVATORIES	2-5
LAUNDRIES	1-3
MARKETS	2-10
OFFICES	2-10
PACKING HOUSES	2-5
PLATING ROOMS	1-5
POOL ROOMS	2-5
PROJECTION ROOMS	1-3
RECREATION ROOMS	2-10
RESIDENCES	2-5
SALES ROOMS	2-10
THEATERS	2-8
TRANSFORMER ROOMS	1-5
WAREHOUSES	2-10

Several factors will affect your selection of air change frequency, a warmer climate will require a more frequent change than a more temperate one. Larger rooms often require less frequent air changes.

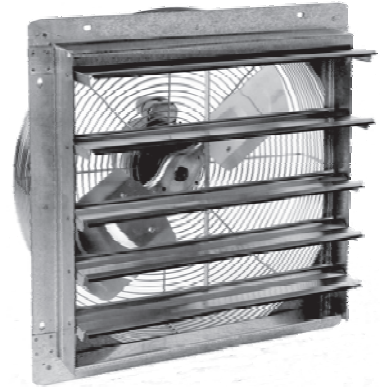
CAUTION - When ventilating an area that contains hazardous (explosive) fumes or dust in the air, specify a fan with an explosion proof motor and spark resistant construction.

INTAKE AIR - You cannot exhaust air without an intake air source, the air you exhaust from a building has to be replaced, a source of intake air located on the end of the building opposite the fan provides the best ventilation. Intake air velocity should be kept below 500-FPM velocity. Divide the CFM rating of the fan by the required velocity to determine the minimum square feet of face area for proper intake air ($CFM / Velocity = Area$). Bird screen in an air intake has a negligible effect on the open area, but insect screen reduces the open area by 50%. Louvers will also reduce the actual open area, see the louver data for actual open area.

SHUTTER FAN

FEATURES

- Fully Assembled - Ready to Install
- Rear Guard Meets OSHA Standards
- Totally Enclosed Motor
- UL Listed

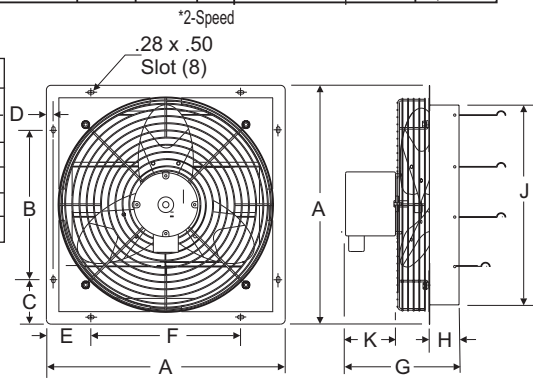


PERFORMANCE / PRICING

Prop Dia.	EDP#	Catalog Number	Panel Size (Square)	Wall Opening (Square)	0" S.P. CFM	1/8" S.P. CFM	Motor HP	Volt	PH	Max. Sones @ 5'	Ship Wt.	List Price
7"	23000	EPRSM7	11-1/8"	8-1/2"	121	60	1/30	115	1	4.8	10	\$193
10"	23001	EPRSM10	13-1/8"	10-1/2"	611	318	1/30	115	1	6.6	10	\$206
12"	23002	EPRSM12	15-1/8"	13"	815	490	1/30	115	1	7.6	12	\$234
16"	23003	EPRSM16	19-1/8"	17"	1216	765	1/20	115	1	8.0	20	\$351
18"	23004	EPRSM18	21-1/8"	18-1/2"	1877	752	1/15	115	1	8.4	25	\$392
24"	23005	EPRSM24	27-1/8"	25"	3214	2015	1/4*	115	1	11.7	48	\$491

DIMENSIONS

Model	A	B	C	D	E	F	G	H	J	K
EPRSM7	11.13	4	3.56	.56	3.56	4	8.06	2.38	8	3
EPRSM10	13.13	6	3.56	.56	3.56	6	8.06	2.38	10	3
EPRSM12	15.13	8	3.56	.56	3.56	8	8.06	2.38	12	3
EPRSM16	19.13	12	3.56	.56	3.56	12	9.06	2.38	16	4
EPRSM18	21.13	14	3.56	.56	3.56	14	11.84	3.00	18	4
EPRSM24	27.13	20	3.56	.56	3.56	20	12.65	3.00	24	5



ALL PURPOSE WALL FAN

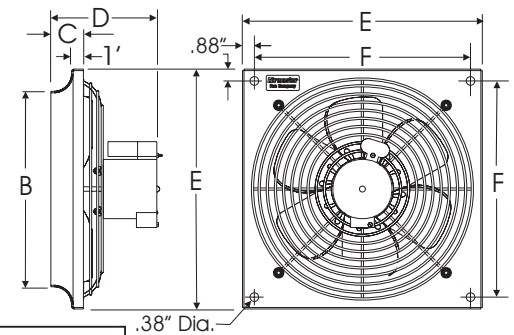
FEATURES

- High Efficiency
- Low Operating Cost
- Commercial Duty
- Totally Enclosed Motor

PERFORMANCE

Prop Dia.	EDP Number	Catalog Number	HP	Fan RPM	Capacity (CFM) @ "SP In. W.G.					Max. Sones @ 5'	Ship Wt.	Totally Encl. Two Speed 115V	
					0"	.05"	.10"	.125"	.20"				.250"
10"	24100	10EPR16	1/60	1550	524	469	418	394	309	234	5.6	12	\$301**
12"	24110	12EPR16	1/30	1550	897	843	754	689	503	378	6.0	14	\$313*
16"	24120	16EPR16	1/14	1050	1881	1766	1626	1540	1169	814	8.8	24	\$379**
18"	24130	18EPR16	1/9	1050	2504	2345	2149	2035	1553	884	9.5	27	\$403*

NOTE: For Supply Duty add "S" prefix to EDP Number and use list price divided by 0.80.



RECOMMENDED OPTIONAL ACCESSORIES (EDP numbers in parenthesis)

Catalog Number	Wall Collar	Exhaust Shutter For Use With Wall Collar	Supply Shutter For Use With Wall Collar	Exhaust Shutter For Use Without Wall Collar	Supply Shutter For Use Without Wall Collar	Safety Guards Prop Side (Front)
10EPR16	WS10 (06883) \$89	WR9E (22753) \$79	WC9 (22754) \$97	WR10E (22750) \$79	WC10 (22755) \$105	10EPR (23060) 3# \$54
12EPR16	WS12 (06884) \$91	WR10E (22750) \$79	WC10 (22755) \$105	WR12E (22785) \$85	WC12 (22611) \$105	12EPR (23070) 4# \$56
16EPR16	WS16E (06885) \$106	WR12E (22765) \$85	WC12 (22611) \$105	WR16E (22775) \$108	WC16 (22621) \$109	16EPR (23080) 5# \$69
18EPR16	WS18E (06886) \$111	WR16E (22775) \$108	WC16 (22621) \$109	WR18E (22785) \$115	WC18 (22631) \$131	18EPR (23090) 6# \$71

See page 54 for WS Wall Collar Dimensions. See page 54 for WRE and WC shutter selection/installation information, ship weights and cautions.

DIMENSIONS (INCHES)

Size	A	B	C	D	E	F	H(DIA.)	# HOLES
10	10	10 1/4	1 1/2	6	14	12.25	.38	4
12	12	12 1/4	1 1/2	8	16	14.25	.38	4
16	16	16 1/4	1 1/4	9 1/2	20	18.25	.38	4
18	18	18 1/2	1 1/4	10	22	20.25	.38	4

FOR MOTORIZED LOUVERS/SHUTTERS ADD MOTOR KIT FROM LIST BELOW

WR Exhaust Motor Kit - For 9" to 36" Wall Louver			Manual Chain Operator - 1 Panel Exhaust Shutter (For 10" to 36")		WC Supply Duty Motor Kit - For 9" - 36" Supply Shutters		
Catalog No.	EDP No.	List	EDP No.	List	Catalog No.	EDP No.	List
MK4620-F (120V/240V)	22930	\$235	02684	\$122	MK5047-F (120V/240V)	22900	\$235

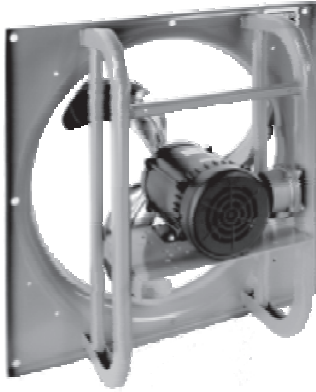
Units are single phase operation. Specify voltage needed when ordering.

Units are single phase operation. Specify voltage needed when ordering.

NOTE: On EPR only: If Intake Shutter is remote from fan, it must be motorized. Shutters and Motor Kits are not Explosion Proof.

Controls			
EDP#	Model#	Item	List
24852	-	*Two Speed Switch	\$33
24855	C458210	**Variable Speed	\$42
24820	T-1	Thermostat (115V only)	\$158

DIRECT DRIVE FANS LOW PRESSURE INDUSTRIAL DUTY MODEL EXG



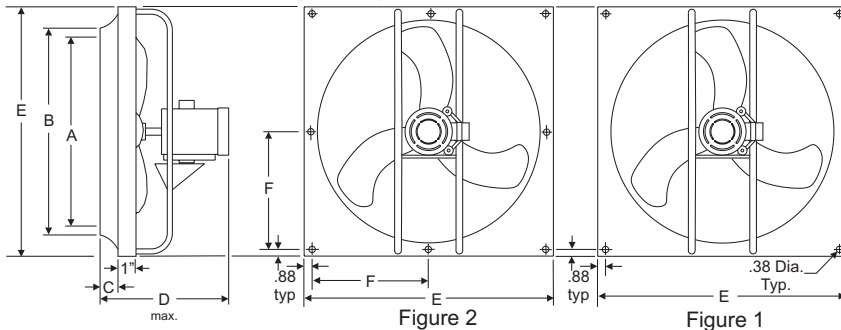
SPARK RESISTANT CONSTRUCTION WITH EXPLOSION PROOF MOTORS

PERFORMANCE / PRICING

Prop Dia.	EDP Number	Catalog Number	HP	Fan RPM	Capacity (CFM) @ "SP			Approx. Ship Wt.	Max. Sones @ 5'	Exp. Prf. 1 Phase 115V	Exp. Prf. 1 Phase 115/230V	Exp. Prf. 3 Phase 230/460V
					0"	1/8"	1/4"					
12"	24350	12EXG16	1/12	1725	970	900	800	25	6.7	\$1025	-	-
16"	24360	16EXG16	1/4	1725	2950	2200	1900	40	17.6	\$1185	-	-
18"	24371	18EXG16A	1/4	1140	2600	2200	1000	62	10.5	-	\$1203	-
	24391	18EBX836A	1/4	1140	2600	2200	1000	60	10.5	-	-	\$1235
24"	24381	24EXG16A	1/4	1140	5100	4780	3550	75	20.6	-	\$1300	-
	24401	24EBX836A	1/4	1140	5100	4780	3550	90	20.6	-	-	\$1350



For supply duty add "S" prefix to EDP Number and use list price divided by 0.80. Explosion Proof Motors Class I, Group D & Class II Groups F&G. Propellers have spark resistant aluminum blades.



DIMENSIONS FOR EXG (IN.)

Size	12"	16"	18"	24"	30"	36"
See Fig. A(Dia.)	1	1	1	1	2	3
B	12½	16½	18½	24½	30½	36½
C	1¼	1¼	2½	2½	3	3¼
D			12¾	15½	13¾	12¼
E	16	22	24	30	36	42
F	14¼	18¼	22¼	28¼	17	10
G						20¼
H(Dia.)	.38	.38	.38	.38	.62	.62
HOLES	4	4	4	4	8	12

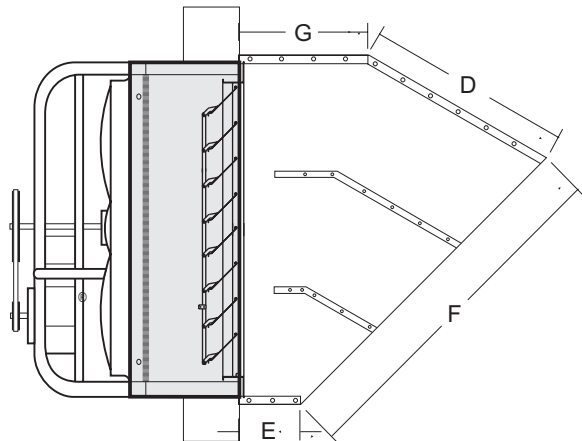
RECOMMENDED OPTIONAL ACCESSORIES (EDP numbers in parenthesis)

Prop Dia.	Wall Collar	Exhaust Shutter for use		Supply Shutter for use		Safety Guards		
		With Wall Collar	Without Wall Collar	With Wall Collar	Without Wall Collar	Prop Side Guard (Front)	Motor Side Guard (Rear)	
12"	WS12 (06884) \$91	WR10E (22750) \$79	WC10 (22755) \$105	12FG (23660) 7#	\$99			
		WR12E (22765) \$85	WC12 (22611) \$105	12RG (23605) 15#	\$132			
16"	WS18E (06886) \$111	WR16E (22775) \$108	WC16 (22621) \$109	16FG (23665) 11#	\$112			
		WR18E (22785) \$115	WC18 (22631) \$131	16RG (23610) 21#	\$155			
18"	WS18 (06894) \$116	WR18E (22785) \$115	WC18 (22631) \$131	18FG (23670) 11#	\$114			
		WR18E (22785) \$115	WC18 (22631) \$131	18RG (23615) 23#	\$160			
24"	WS24 (06887) \$148	WR24E (22795) \$154	WC24 (22641) \$164	24FG (23675) 15#	\$128			
		WR24E (22795) \$154	WC24 (22641) \$164	24RG (23620) 28#	\$183			

NOTES:

Weatherhoods are available for 24", 30" & 36" units. WS Wall Collars are shipped knocked down. WC Supply Shutters are not weather resistant. It is recommended that the WC be used with a weatherhood. See pages 54,56 for WS Wall Collar Dimensions & Weatherhoods. See page 30 for prop (front) and motor (rear) side guard dimensions. For Epoxy Coating Finish of shutters or guards, add "E" suffix to EDP# and use list price divided by 0.65. See page 54 for WRE and WC shutter selection/installation information, ship weights and cautions.

SUPPLY DUTY OPTION AND SUPPLY FAN ACCESSORIES



Airmaster offers a supply duty option for the EPR, EXG, PD, HV, PB AND HA series wall fans. The fans are custom built with the venturi facing the motor, allowing the fan to blow air into the building and still have the motor on the inside. To order the fan in supply duty, add "S-" to the part number and EDP number and divide the exhaust fan list price by 0.80 for the new supply duty list price.

Recommended optional accessories include the WC supply shutters, WS wall collars, WH weather hoods, FG front guards and RG rear guards.

WC INTAKE SHUTTER SELECTION / INSTALLATION INFORMATION AND CAUTIONS:

The velocity profile near the fan blade tips (spot velocity) is non-uniform and will vary by fan model. This spot velocity condition can damage a backdraft damper if it exceeds the maximum recommended backdraft damper velocity. For this reason, it is recommended that the backdraft damper be mounted a minimum of 1/3 the fan diameter away from the fan outlet. It is a good practice to contact the factory when applications have a velocity approaching the maximum allowed. When the fan motor horsepower is 7-1/2 and above the WC shutter should not be used.

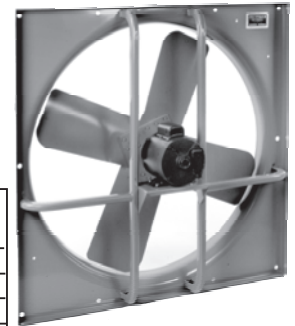
LOW PRESSURE FAN

FEATURES

- Totally Enclosed, Ball Bearing Motor
- High Efficiency
- 2 Speed, Single Phase or Single Speed, Three Phase Motors Available



PD18 & 24



PD30 & 36

PERFORMANCE / PRICING

Prop Dia.	EDP Number	Catalog Number	HP	Fan RPM	Capacity (CFM) @ "SP				Max. Sones @ 5'	Approx. Ship Wt.	Totally Encl. Two Speed *115V	TEFC 1 Speed, 3 Ph. 230/460V
					0"	1/10"	1/8"	1/4"				
18"	24201	PD18T-D3A	1/6	1110	2680	2414	2332	1789	12.0	30	\$475	-
24"	24211	PD24T-E3A	1/2	870	4860	4360	4270	2800	11.6	45	\$538	-
	24260	PD24T-E8A	1/4	825	4610	4110	4020	2550	11.6	45	-	\$1045
30"	24221	PD30T-G3A	1/2	845	7380	6850	6750	5500	16.7	85	\$1070	-
	24270	PD30T-G8	1/2	845	7380	6850	6750	5500	16.7	85	-	\$1121
36"	24231	PD36R-G3A	1/2	840	8664	7814	7545	5916	20.5	95	\$1263	-
	24280	PD36R-G8	1/2	840	8664	7814	7545	5916	20.5	95	-	\$1310

For supply duty add "S" prefix to EDP Number and use list price divided by 0.80.

RECOMMENDED OPTIONAL ACCESSORIES (EDP numbers in parenthesis)

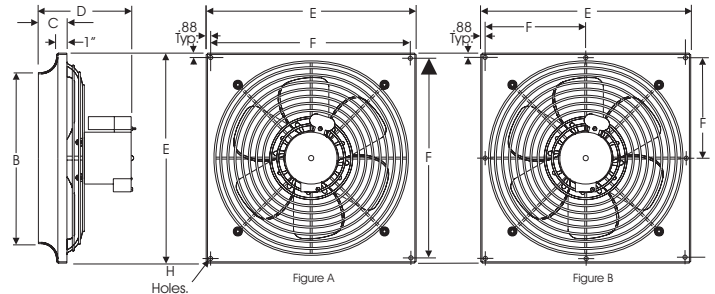
Prop Dia.	WRE Exhaust Shutter	WS Wall Collar	WC Supply Shutter	Safety Guards Prop Side (Front)	Safety Guards Motor Side (Rear)
18"	WR18E (22785) \$115	WS18 (06894) \$116	WC18 (22631) \$131	18FG (23670) 11# \$114	STD. - - - -
24"	WR24E (22795) \$154	WS24 (06887) \$148	WC24 (22641) \$164	24FG (23675) 15# \$128	STD. - - - -
30"	WR30E (22805) \$211	WS30 (06888) \$186	WC30 (22651) \$232	30FG (23680) 19# \$156	30RG (23625) 37# \$224
36"	WR36E (22815) \$264	WS36 (06889) \$216	WC36 (22661) \$306	36FG (23685) 27# \$201	36RG (23630) 64# \$315

See page 30 for prop side (front) & motor side (rear) guard dimensions. See page 54 for WRE and WC shutter selection/installation information, ship weights and cautions.

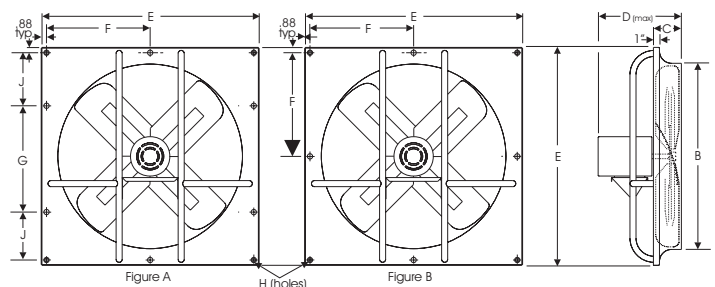
DIMENSIONS FOR PD (IN.)

Size	18"	24"	30"	36"
See Fig. A (Dia.)	A	B	A	B
B	18½	24½	30½	36½
C	2½	2½	3	3¼
D	12¾	15½	13¾	12¾
E	24	30	36	42
F	22¼	28¼	17	10
G				20¼
J				10
H (Dia.)	.38	.38	.62	.62
HOLES	4	4	8	12

PD 18" and 24"
Fig. A



PD 30" and 36"
Fig. B



FOR MOTORIZED LOUVERS/SHUTTERS ADD MOTOR KIT FROM LIST BELOW

WR Exhaust Motor Kit -
For 9" to 36" Wall Louver

WC Supply Duty Motor Kit -
For 9" - 36" Supply Shutters

Catalog No.	EDP No.	List	Cat. No.	Volt	EDP No.	List
MK4620-F (120/240V)	22930	\$235	MK5047-F	120/240V, 9"-36" Sizes	22900	\$235
MK4620-C (440V)	22935	\$235	MK5047-C	440V, 9"-36" Sizes	22905	\$216

Manual Chain Operator -
1 Panel Exhaust Shutter (For 10" to 36")

EDP No.	List
02684	\$122

Specify voltage needed when ordering. Specify voltage needed when ordering.

Controls

Item	Model#	EDP#	List
*Two Speed Switch	-	24852	\$33
Thermostat (115V only)	T-1	24820	\$158

DIRECT DRIVE FANS HIGH PRESSURE HIGH VELOCITY MODELS HV & HVEX



FEATURES

- Fully Assembled - Ready to Install
- Totally Enclosed & Explosion Proof Motors
- Full Range of Accessories

PERFORMANCE : FANS WITH TOTALLY ENCLOSED MOTORS / PRICING



Prop Dia.	EDP Number	Catalog Number	Motor HP	RPM	0" SP CFM	1/8" CFM	1/4" CFM	3/8" CFM	1/2" CFM	Max Sones @5'	Volts	PH	Ship Wt.	List Price
12"	25300	H12V76-1	1/6	1750	1480	1360	1220	886	734	10.7	115/230	1	23	\$730
16"	25305	H16V76-1	1/2	1750	2700	2590	2390	2100	1740	18.5	115/230	1	47	\$888
	25310	H16V836-1	1/2	1750	2700	2590	2390	2100	1740	18.5	230/460	3	110	\$856
18"	25315	H18V76-1	1/2	1750	3900	3780	3575	3280	2880	23.0	115/230	1	47	\$955
	25320	H18V836-1	1/2	1750	3900	3780	3575	3280	2880	23.0	230/460	3	110	\$924
24"	25335	H24V76-2	1	1750	6860	6560	6240	5900	5426	35.4	115/230	1	51	\$1235
	25340	H24V836-2	1	1750	6860	6560	6240	5900	5426	35.4	230/460	3	118	\$1104
	25355	H30V76-1	1	1150	9470	8750	8030	7100	5900	29.0	115/230	1	51	\$2281
30"	25360	H30V836-1	1	1150	9470	8750	8030	7100	5900	29.0	230/460	3	118	\$1433
	25365	H30V836-3	3	1750	14400	13900	13450	13000	12500	60.1	230/460	3	202	\$1557
	25385	H36V836-3	1-1/2	1150	13300	12400	11600	10600		37.1	230/460	3	203	\$1697
36"	25390	H36V836-1	3	1750	16890	16179	15504	14816	14125	80.1	230/460	3	205	\$1708
	25395	H36V836-2	5	1750	20300	19650	19100	18600	17950	76.5	230/460	3	225	\$1943
	25415	H42V836-3	1-1/2	1150	15789	15044	14059	13020	11690	51.8	230/460	3	240	\$2220
42"	25420	H42V836-1	3	1150	22100	21300	20500	19650	18650	51.3	230/460	3	295	\$2654
	25425	H42V836-2	5	1150	26640	25968	25250	24350	23250	62.3	230/460	3	320	\$2796
48"	25445	H48V836-3	3	850	27420	25800	24350	22600		40.7	230/460	3	315	\$3794
	25450	H48V836-2	7-1/2	1150	37100	35800	34700	33600	32450	70.2	230/460	3	360	\$4069

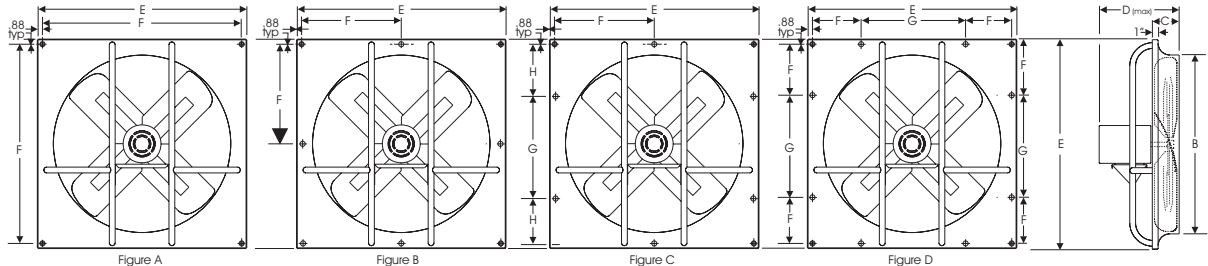


PERFORMANCE : FANS WITH EXPLOSION PROOF MOTORS / PRICING



Prop Dia.	EDP Number	Catalog Number	Motor HP	RPM	0" SP CFM	1/8" CFM	1/4" CFM	3/8" CFM	1/2" CFM	Max Sones @5'	Volts	PH	Ship Wt.	List Price
18"	25325	H18VEX76-1	1/2	1750	3990	3780	3480	3020	2250	23.0	115/230	1	47	\$1239
	25330	H18VEX836-1	1/2	1750	3990	3780	3480	3020	2250	23.0	230/460	3	110	\$1463
24"	25345	H24VEX76-2	1	1750	7820	7690	7450	7070	6450	35.4	115/230	1	47	\$1521
	25350	H24VEX836-2	1	1750	7820	7690	7450	7070	6450	35.4	230/460	3	118	\$1598
	25370	H30VEX76-1	1	1150	10440	9750	8750	7640	6000	29.0	115/230	1	110	\$3602
30"	25375	H30VEX836-1	1	1150	10440	9750	8750	7640	6000	29.0	230/460	3	118	\$2894
	25380	H30VEX836-3	3	1750	16000	15350	14700	13850	12900	60.1	230/460	3	202	\$2863
	25400	H36VEX836-3	1-1/2	1150	17620	16500	15200	13620	12300	37.1	230/460	3	203	\$3012
36"	25405	H36VEX836-1	3	1750	18500	17700	15700	15100	13900	80.1	230/460	3	205	\$3031
	25410	H36VEX836-2	5	1750	23000	22150	21100	20200	19000	76.5	230/460	3	225	\$3648
42"	25435	H42VEX836-1	3	1150	24500	23150	23000	22000	19650	51.3	230/460	3	275	\$4031
	25440	H42VEX836-2	5	1150	28970	27960	26840	25700	24200	62.3	230/460	3	320	\$4530
48"	25460	H48VEX836-2	7-1/2	1150	37000	35000	32800	30600	28000	70.2	230/460	3	360	\$5793

Air Delivery Based on Standard Test Codes of AMCA.

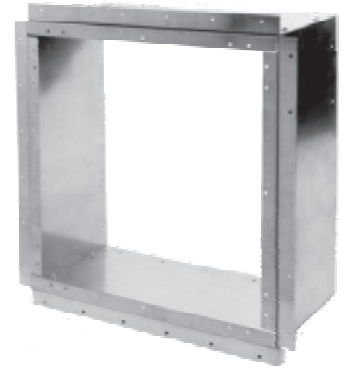


DIMENSIONS (Inches)

See Fig.	Fan Size A	B	C	D		E	F	G	J	H (Dia.)	No. Holes
				1 Phase (Max)	3 Phase (Max)						
A	12"	12.25	1.25	10		16	14.25			.38	4
A	16"	16.5	1.75	12	12.25	22	18.25			.38	4
A	18"	18.5	1.75	10	10	24	22.25			.38	4
B	24"	24.5	2.50	12	12.25	30	14.12			.62	8
B	30"	30.5	3.00	15	14.75	36	17.12			.62	8
C	36"	36.5	3.25	15	15.75	42	21.12	20.25	10	.62	10
D	42"	42.5	3.25		20.00	48	---	20.25	13	.62	12
D	48"	48.5	3.25		22.50	54	---	20.25	16	.62	12

NOTES:

For Supply Duty, add "S" prefix to EDP Number and use list price divided by 0.80.
Explosion Proof Motors are Class I, Group D and Class II, Groups F and G. UL Listed Propellers on Explosion Proof Models have spark resistant aluminum blades.
If Intake Shutter is remote from fan, it must be motorized. Shutters and Motor Kits are not Explosion Proof.



WS WALL COLLAR

RECOMMENDED OPTIONAL ACCESSORIES FOR FANS WITH TOTALLY ENCLOSED MOTORS

WR Exhaust Shutter ¹			WS Wall Collar			WC Supply Shutter ¹			Safety Guard Prop Side (Front)				Safety Guard Motor Side (Rear)			
EDP#	Cat#	List	EDP#	Cat#	List	EDP#	Cat#	List	EDP#	Cat#	Wt.	List	EDP#	Cat#	Wt.	List
22750	WR10E	\$79	06884	WS12	\$91	22755	WC10	\$105	23660	12FG	7	\$99	23605	12RG	15	\$132
22775	WR16E	\$108	06886	WS18E	\$111	22621	WC16	\$109	23665	16FG	11	\$112	23610	16RG	21	\$155
22785	WR18E	\$115	06894	WS18	\$116	22631	WC18	\$131	23670	18FG	11	\$114	23615	18RG	23	\$160
22795	WR24E	\$154	06887	WS24	\$148	22641	WC24	\$163	23675	24FG	15	\$128	23620	24RG	28	\$183
22805	WR30E	\$211	06888	WS30	\$186	22651	WC30	\$231	23680	30FG	19	\$156	23625	30RG	37	\$224
22815	WR36E	\$264	06889	WS36	\$216	22661	WC36	\$306	23685	36FG	27	\$201	23630	36RG	64	\$315
22825	WR42E	\$428	06890	WS42	\$297	22671	WC42	\$430	23690	42FG	34	\$240	23635	42RG	75	\$379
22835*	WR48E	\$499	06891	WS48	\$328	22681	WC48	\$516	23695	48FG	40	\$273	23640	48RG	85	\$420
22747 [†]	WRHD48	\$715														

OPTIONAL WEATHERHOODS

Size	EDP #	Cat. #	List
24"	99915	WH24	\$540
30"	99916	WH30	\$633
36"	99917	WH36	\$701
42"	99921	WH42	\$920
48"	99923	WH48	\$1012

See page 52 for Weatherhood Dimensions.

RECOMMENDED OPTIONAL ACCESSORIES FOR FANS WITH EXPLOSION PROOF MOTORS

WR Exhaust Shutter ¹			WS Wall Collar			WC Supply Shutter ¹			Safety Guard Prop Side (Front)				Safety Guard Motor Side (Rear)			
EDP#	Cat#	List	EDP#	Cat#	List	EDP#	Cat#	List	EDP#	Cat#	Wt.	List	EDP#	Cat#	Wt.	List
22785	WR18E	\$115	06894	WS18	\$116	22631	WC18	\$131	23670	18FG	11	\$114	23615	18RG	23	\$160
22795	WR24E	\$154	06887	WS24	\$148	22641	WC24	\$163	23675	24FG	15	\$128	23620	24RG	28	\$183
22805	WR30E	\$211	06888	WS30	\$186	22651	WC30	\$232	23680	30FG	19	\$156	23625	30RG	37	\$224
22815	WR36E	\$264	06889	WS36	\$216	22661	WC36	\$306	23685	36FG	27	\$201	23630	36RG	64	\$315
22825	WR42E	\$428	06890	WS42	\$297	22671	WC42	\$430	23690	42FG	34	\$240	23635	42RG	75	\$379
22747 [†]	WRHD48	\$715	06891	WS48	\$328	22681	WC48	\$516	23695	48FG	40	\$273	23640	48RG	85	\$420

WR42E and WR48E are two panel construction. See page 30 for prop side (front) and motor side (rear) guard dimensions.

[†] See Page 55 for Motor Kits for motorized wall louvers.

FOR MOTORIZED WALL LOUVERS ADD MOTOR KIT FROM LIST BELOW:

EXHAUST MOTOR KITS

EDP No.	CAT No.	Description	List Ea.
22930	MK-4620-F	120/240 Volt, for 9" - 36" exhaust shutters	\$235
22935	MK-4620-C	440 Volt, for 9" - 36" exhaust shutters	\$235
22938	MK-4620-E	550 Volt, for 9" - 36" exhaust shutters	\$248
22940	MK-4621-F	120/240 Volt, for 42" exhaust shutters	\$380
22945	MK-4621-C	440 Volt, for 42" exhaust shutters	\$380
22948	MK-4621-E	550 Volt, for 42" exhaust shutters	\$361
22930	MK-4620-F	120/240 Volt, for 48" - 60" exhaust shutters*	\$235
22935	MK-4620-C	440 Volt, for 48" - 60" exhaust shutters*	\$235
22938	MK-4620-E	550 Volt, for 48" - 60" exhaust shutters*	\$248

MANUAL CHAIN OPERATORS

EDP No.	Description	LIST
02684	1 Panel Shutter for 10" - 36"	\$122
02686	2 Panel Shutters for 42" - 54"	\$277
32686	3 Panel Shutters for 60"	\$370

SUPPLY MOTOR KITS

EDP No.	CAT No.	Description	List Ea.
22900	MK-5047-F	120/240 Volt, for 9" - 36" supply shutters	\$235
22905	MK-5047-C	440 Volt, for 9" - 36" supply shutters	\$216
22908	MK-5047-E	550 Volt, for 9" - 36" supply shutters	\$216
22910	MK-4782-F	120/240 Volt, for 42" supply shutters	\$380
22915	MK-4782-C	440 Volt, for 42" supply shutters	\$380
22918	MK-4782-E	550 Volt, for 42" supply shutters	\$362
22900	MK-5047-F	120/240 Volt, for 48" - 60" supply shutters**	\$235
22905	MK-5047-C	440 Volt, for 48" - 60" supply shutters**	\$216
22908	MK-5047-E	550 Volt, for 48" - 60" supply shutters**	\$216

Please specify voltage needed when ordering.
Units are for single phase operation.

*48" & 54" require 2 motor kits. 60" requires 3 motor kits.

Please specify voltage needed when ordering.
All units are for single phase operation.

**48" - 54" require 2 motor kits. 60" requires 3 motor kits.

NOTES:

Do Not use Louver Motors with Explosion Proof Motors. WS Wall Collars are shipped knocked down. WC Supply Shutters are not weather resistant. It is recommended that the WC be used with a weatherhood. 48" & 54" Shutters - Double Panel Type; 60" - 3 Panel Type 24" - 48" Weatherhoods Available. See page 54 for WS Wall Collar Dimensions.

[†] See page 30 for Heavy Duty Shutters

See page 54 for WRE and WC shutter selection/installation information, ship weights and cautions.

LOW PRESSURE BELT DRIVE EXHAUST FANS MODEL PB



FEATURES

- Economy Wall Exhaust Fan
- Completely Assembled - Ready to Install
- Available for Exhaust or Supply



FANS WITH MOTOR AND DRIVE SHIPPED MOUNTED / PRICING

Prop Dia.	EDP Number	Catalog Number	HP	Fan RPM	Capacity (CFM) @ 1"SP		Max Sones @ 5'	Ship Wt.	Single Speed (ODP)	
					0"	1/8"			1 Phase 115V	3 Phase 230/460V
24"	25602	PB24RA-F1A	1/3	710	4973	3862	10.21	70	\$826	-
	25612	PB24RA-G1A	1/2	850	5953	5001	14.2	75	\$860	-
	25801	PB24RA-F8A	1/3	710	4973	3862	10.2	70	-	\$819
	25811	PB24RA-G8A	1/2	850	5953	5001	14.2	75	-	\$1030
	25622	PB30RA-F1A	1/3	510	7012	5163	9.0	80	\$857	-
30"	25632	PB30RA-G1A	1/2	600	8249	6720	11.7	85	\$874	-
	25821	PB30RA-F8A	1/3	510	7012	5163	9.0	80	-	\$840
	25831	PB30RA-G8A	1/2	600	8249	6720	11.7	85	-	\$1034
	25652	PB36RA-F1A	1/3	375	9048	-	8.5	100	\$1001	-
36"	25662	PB36RA-G1A	1/2	440	10616	8120	11.5	105	\$1014	-
	25851	PB36RA-F8A	1/3	375	9048	-	8.5	100	-	\$984
	25861	PB36RA-G8A	1/2	440	10616	8120	11.5	105	-	\$1178
	25682	PB42RA-F1A	1/3	340	10808	6812	8.4	175	\$1382	-
42"	25692	PB42RA-G1A	1/2	386	12271	9304	10.8	180	\$1392	-
	25702	PB42RA-H3A	3/4	445	14146	11672	14.0	215	\$1530	-
	25712	PB42RA-I3A	1	495	15736	13568	16.8	230	\$1536	-
	25881	PB42RA-F8A	1/3	340	10808	6812	8.4	175	-	\$1374
	25891	PB42RA-G8A	1/2	386	12271	9304	10.8	180	-	\$1569
	25901	PB42RA-H8A	3/4	445	14146	11672	14.0	215	-	\$1574
	25911	PB42RA-I8A	1	495	15736	13568	16.8	230	-	\$1704
	25722	PB48RA-G1A	1/2	320	14609	10154	10.1	210	\$1480	-
48"	25732	PB48RA-H3A	3/4	370	16891	13393	15.0	245	\$1603	-
	25742	PB48RA-I3A	1	406	18535	15457	16.8	260	\$1593	-
	25921	PB48RA-G8A	1/2	320	14609	10154	10.1	210	-	\$1658
	25931	PB48RA-H8A	3/4	370	16891	13393	15.0	245	-	\$1660
	25941	PB48RA-I8A	1	406	18535	15457	16.8	260	-	\$1778

PB24 to PB36

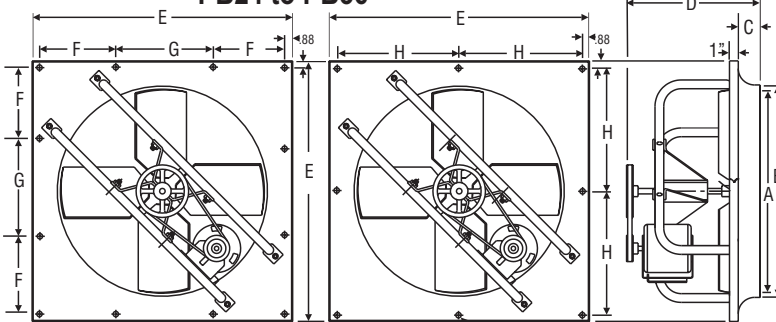


FIGURE 3

FIGURE 2

PB42 & PB48

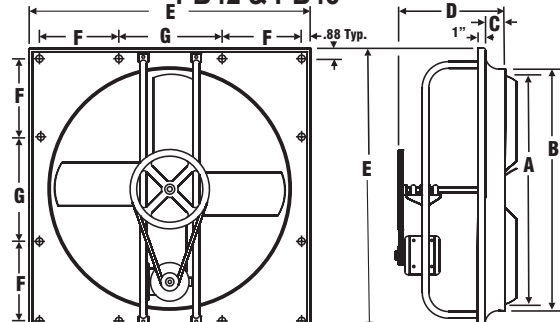


FIGURE 1

APPROXIMATE DIMENSION (INCHES)

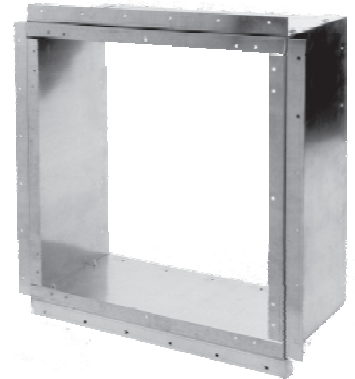
Prop Dia.	See Figure	A	B	C	D	E	F	G	H	K	No. Holes
24	2	24	24-1/2	2-1/2	17-7/8	30	-	-	14.12	.62	8
30	2	30	30-1/2	3	18-3/8	36	-	-	17.12	.62	8
36	3	36	36-1/2	3-1/4	18-5/8	42	10	20.25	-	.62	12
42	1	42	42-1/2	3-1/4	24-3/4	48	13	20.25	-	.62	12
48	1	48	48-1/2	3-1/4	24-3/4	54	16	20.25	-	.62	12

NOTES:

For Supply Duty, add "S" prefix to EDP Number and use list price divided by 0.80.
If used for Intake, a Motor Actuator Kit must be utilized with shutter.

RECOMMENDED OPTIONAL ACCESSORIES (EDP # in Parenthesis)

Wall Shutters		Safety Guard Prop Side (Front)	Safety Guard Motor Side (Rear)	Wall Collar
Exhaust - Automatic Cat. No. EDP# List	Supply - Automatic Cat. No. EDP# List	Cat. No. EDP# List	Cat. No. EDP# List	Cat. No. EDP# List
WR24E (22795) \$154	WC24 (22641) \$164	24FG (23675) \$128	24RG (23620) \$183	WS24 (06887) \$148
WR30E (22805) \$211	WC30 (22651) \$232	30FG (23680) \$156	30RG (23625) \$224	WS30 (06888) \$186
WR36E (22815) \$264	WC36 (22661) \$306	36FG (23685) \$201	36RG (23630) \$315	WS36 (06889) \$216
WR42E (22825) \$428	WC42 (22671) \$430	42FG (23690) \$240	42RG (23635) \$379	WS42 (06890) \$297
WR48E (22835) \$499	WC48 (22681) \$516	48FG (23695) \$273	48RG (23640) \$420	WS48 (06891) \$328

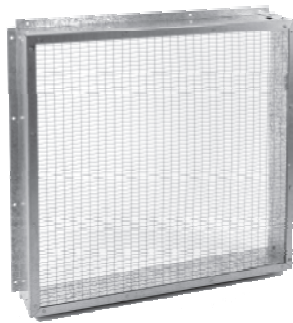


WS WALL COLLAR

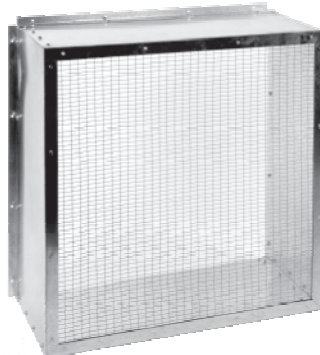


WRE SHUTTER

WC Supply Shutters are not weather resistant. It is recommended that the WC be used with a weatherhood.
WR42E and larger are two panel construction. See page 30 for safety prop side (front) and motor side (rear) guard dimensions.
See page 30 for WRHD Heavy Duty Shutter information.
See page 54 for WRE and WC shutter selection/installation information, ship weights and cautions.
See page 55 for Motor Kits for motorized wall louvers.



PROPELLER SIDE
FG (FRONT) SAFETY GUARD



MOTOR SIDE
RG (REAR) SAFETY GUARD

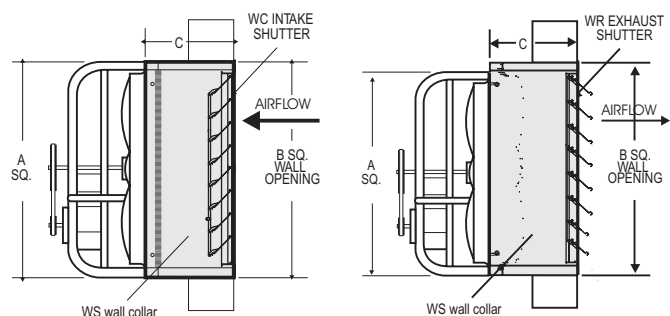
WALL COLLAR DIMENSIONS

Size	A Sq.	B Sq.	C
24"	30	31	14
30"	36	37	14½
36"	42	43	17
42"	48	49	19
48"	54	55	21

OPTIONAL WEATHERHOODS

Size	EDP #	Cat. #	List
24"	99915	WH24	\$540
30"	99916	WH30	\$633
36"	99917	WH36	\$701
42"	99921	WH42	\$920
48"	99923	WH48	\$1012

See page 56 for Weatherhood Dimensions.

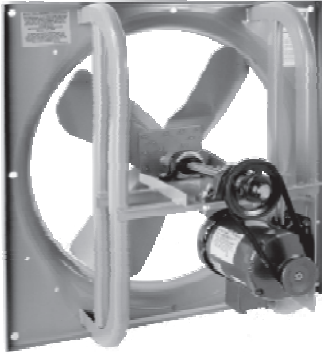


Typical Wall Collar Installations

HIGH PRESSURE BELT DRIVE FANS MODEL HA



Energy Efficient



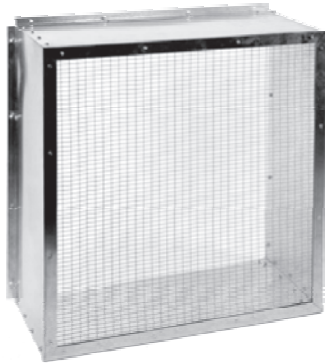
FEATURES

- Available for Exhaust or Supply
- Epoxy Coated
- Precision Balanced Propellers
- Quiet

FANS WITH MOTOR AND DRIVE SHIPPED MOUNTED / PRICING

Prop Dia.	Use Column At Right For Last Two Digits of EDP No.	HA Model #	HP	Fan RPM	Max BHP	Capacity (CFM) @ "SP"					Max Sones @ 5'	Ship Wt.	Single Speed (ODP)			Totally Enclosed	
													Single Phase			3 Phase	
						0"	1/8"	1/4"	3/8"	1/2"			115V	115/230V	208/230/460V	1 Phase	3 Phase
24"	A6224C	HA24CA	1/4	746	0.28	4398	3745				12.4	70	\$996	-	\$1049	\$1049	\$1126
	A6224D	HA24DA	1/3	805	0.37	4746	4210	2885			12.9	80	\$1015	-	\$1108	\$1168	\$1111
	A6224F	HA24FA	1/2	980	0.64	5778	5409	4617			18.4	85	-	\$1174	\$1138	\$1240	\$1177
	A6224H	HA24HA	3/4	1080	0.86	6367	6049	5502	4428		22.6	92	-	\$1205	\$1139	\$1252	\$1208
	A6224J	HA24JA	1	1180	1.14	6957	6674	6257	5453	4462	26.3	111	-	\$1170	\$1125	\$1239	\$1159
	A6224K	HA24KA	1 1/2	1340	1.63	7900	7658	7349	6867	6067	34.0	121	-	\$1181	\$1766	\$1569	\$1329
30"	A6230D	HA30DA	1/3	530	0.36	6518	4821	2608			8.8	98	-	-	\$1190	\$1295	\$1233
	A6230F	HA30FA	1/2	640	0.55	7871	6735	4669			12.8	103	-	\$1297	\$1261	\$1309	\$1295
	A6230H	HA30HA	3/4	730	0.85	8978	8080	6439	4690		19.3	108	-	\$1300	\$1262	\$1381	\$1326
	A6230J	HA30JA	1	820	1.14	10085	9333	8114	6425		20.8	127	-	\$1336	\$1285	\$1403	\$1349
	A6230K	HA30KA	1 1/2	930	1.67	11438	10804	9913	8579	7089	28.2	136	-	\$1533	\$1352	\$1391	\$1338
	A6236F	HA36FA	1/2	561	0.56	9720	8211	5602			14.0	122	-	\$1393	\$1357	\$1463	\$1415
36"	A6236H	HA36HA	3/4	650	0.83	11262	10143	7951			18.1	128	-	\$1415	\$1377	\$1438	\$1383
	A6236J	HA36JA	1	720	1.10	12475	11533	9805			21.8	148	-	\$1454	\$1403	\$1519	\$1463
	A6236K	HA36KA	1 1/2	820	1.65	14207	13429	12223	10377		26.3	157	-	\$1636	\$1427	\$1487	\$1519
	A6236M	HA36MA	2	890	2.15	15420	14721	13739	12219	10464	30.3	172	-	-	\$1515	-	\$1538
	A6242F	HA42FA	1/2	410	0.58	12797	9882				12.0	169	-	\$1692	\$1670	\$1761	\$1725
	A6242H	HA42HA	3/4	453	0.83	14139	11686	7833			14.4	170	-	\$1654	\$1610	\$1681	\$1743
42"	A6242J	HA42JA	1	500	1.08	15606	13517	10254			17.1	215	-	\$1699	\$1709	\$1827	\$1717
	A6242K	HA42KA	1 1/2	583	1.66	18197	16533	14113			21.1	225	-	\$1970	\$1732	\$1908	\$1825
	A6242M	HA42MA	2	635	2.20	19820	18339	16298	13666		24.8	235	-	-	\$1810	-	\$1833
	A6242O	HA42OA	3	725	3.28	22629	21378	19787	17760	15381	31.8	255	-	-	\$1988	-	\$2117
	A6248H	HA48HA	3/4	395	0.86	17392	14182				15.9	223	-	\$1931	\$1866	\$1982	\$1951
	A6248J	HA48JA	1	420	1.13	18493	15544	10953			16.6	225	-	\$1845	\$1839	\$2004	\$1959
48"	A6248K	HA48KA	1 1/2	485	1.67	21335	18883	15665			23.4	230	-	\$2178	\$1981	\$2063	\$2015
	A6248M	HA48MA	2	535	2.31	23556	20848	18132	14264		26.1	245	-	-	\$1942	-	\$2016
	A6248O	HA48OA	3	610	3.43	26858	24896	22832	20205		35.5	265	-	-	\$2091	-	\$2220
	A6248P	HA48PA	5	690	4.79	30381	28610	26909	24888	22419	53.9	285	-	-	\$2199	-	\$2497
	A6254J	HA54JA	1	301	1.11	21524	17049	8814			12.6	310	-	\$2781	\$2722	\$2859	\$2731
	A6254K	HA54KA	1 1/2	353	1.65	25243	21902	15939			16.2	313	-	\$2937	\$2693	\$2967	\$2799
54"	A6254M	HA54MA	2	383	2.20	27388	24450	19521	12944		18.7	320	-	-	\$2804	-	\$2803
	A6254O	HA54OA	3	437	3.31	31250	28802	25241	20099	14178	23.4	370	-	-	\$2826	-	\$2928
	A6254P	HA54PA	5	527	5.50	37686	35717	33353	30099	25907	31.8	385	-	-	\$3089	-	\$3098
	A6254Q	HA54QA	7 1/2	600	8.13	42906	41174	39308	36932	33896	41.4	455	-	-	\$3948	-	\$3527
	A6260K	HA60KA	1 1/2	295	1.64	28923	24368	16985			22.1	395	-	\$3214	\$3005	\$3169	\$3113
	A6260M	HA60MA	2	328	2.20	32158	28269	22401			26.1	400	-	-	\$3028	-	\$3058
60"	A6260O	HA60OA	3	373	3.29	36570	33294	28826	22824		30.3	450	-	-	\$3046	-	\$3331
	A6260P	HA60PA	5	447	5.50	43825	41170	38024	33975		44.3	465	-	-	\$3307	-	\$3454
	A6260Q	HA60QA	7 1/2	510	8.18	50002	47680	45165	42090	38385	57.2	535	-	-	\$4241	-	\$3925
	A6260R	HA60RA	10	570	11.31	55885	53786	51667	49180	46262	68.5	555	-	-	\$4275	-	\$4890

Power ratings (BHP) do not include drive losses. Performance shown is for installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances in the airstream.



SAFETY MOTOR SIDE (RG REAR) GUARD

SAFETY MOTOR SIDE (REAR) GUARD DIMENSIONS

Model	Height	Width	Depth
12RG	16.25	16.25	16
16RG	22.25	22.25	16
18RG	25.25	25.25	16
24RG	30.54	30.54	25
30RG	36.54	36.54	25
36RG	42.57	42.57	28
42RG	48.57	48.57	34.5
48RG	54.57	54.57	36.5
54RG	60.57	60.57	42.5
60RG	66.57	66.57	44.5

SAFETY PROP SIDE (FRONT) GUARD DIMENSIONS

Model	Height	Width	Depth
12FG	13.75	13.75	6
16FG	19.75	19.75	6
18FG	21.75	21.75	6
24FG	27.75	27.75	6
30FG	33.75	33.75	6
36FG	39.75	39.75	6
42FG	45.72	45.72	6
48FG	51.75	51.75	6
54FG	57.75	57.75	6
60FG	63.75	63.75	6

FANS LESS MOTOR & DRIVE

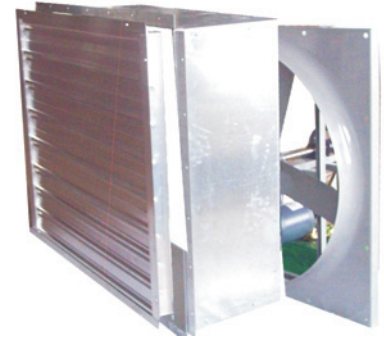
EDP Number	Catalog Number	List Price
95100	HA24	\$681
95104	HA30	\$794
95108	HA36	\$907
95112	HA42	\$1191
95116	HA48	\$1342
95120	HA54	\$1985
95124	HA60	\$2117

WR HEAVY DUTY SHUTTERS

EDP Number	Catalog Number	Shutter Size	List Price	Number of Panels	Motor Kit (# Required for WRHD)	
22747	WRHD48	50" x 50"	\$715	2	MK-4620 (2)	SEE PAGE 55 FOR EDP# AND LIST PRICE
22748	WRHD54	56" x 56"	\$1015	2	MK-4620 (3)	
22749	WRHD60	62" x 62"	\$1112	3	MK-4620 (3)	

NOTES:

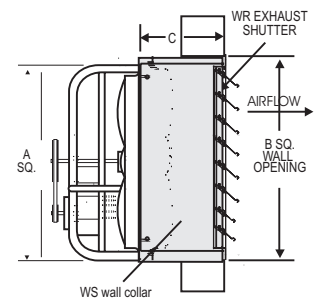
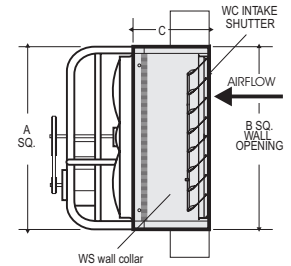
If Motor & Drive to be shipped separately; Use above EDP Numbers and add "K" suffix. Example: A6224C03K
Fans ordered with Explosion Proof Motors will always be shipped Mounted. Consult factory for Two Speed Motors, Explosion Proof Motors, Motors requiring Thermal Overload Protection, Dual Belt and Variable Pitch Drives & Cost of Epoxy Coating on Props.
For Supply Duty, add "S" prefix to EDP Number and use list price divided by 0.80.



RECOMMENDED OPTIONAL ACCESSORIES (EDP # in Parenthesis)									
Wall Shutters			Safety Guards Prop Side (Front) Motor Side (Rear)▲		WeatherHoods			Wall ▲ Collar	
Exhaust	Automatic		Supply	Automatic					
See page 53 for Motor Kits.			See page 53 for Motor Kits.						
Cat. #	(EDP#)	List	Cat. #	(EDP#)	List	Cat. #	(EDP#)	Desc.	List
WR24E	(22795)	\$154	WC24	(22641)	\$164	24FG	(23675)	15	\$128
						24RG	(23620)	28	\$183
						30FG	(23680)	19	\$156
WR30E	(22805)	\$211	WC30	(22651)	\$232	30RG	(23625)	37	\$224
						36FG	(23685)	27	\$201
WR36E	(22815)	\$264	WC36	(22661)	\$306	36RG	(23630)	64	\$315
						42FG	(23690)	34	\$240
WR42E	(22825)	\$428	WC42	(22671)	\$430	42RG	(23635)	75	\$379
						48FG	(23695)	40	\$273
WR48E	(22835)	\$499	WC48	(22681)	\$516	48RG	(23640)	85	\$420
**WR54E	(22845)	\$596	WC54	(22691)	\$664	54FG	(23700)	75	\$301
† WRHD54	(22748)	\$1015				54RG	(23645)	92	\$471
**WR60E	(22855)	\$835	WC60	(22701)	\$822	60FG	(23705)	90	\$363
† WRHD60	(22749)	\$1112				60RG	(23650)	102	\$535

Wall Collars

- Reduces Installation Time
- For Use On All Belt Drive and Direct Drive Fans



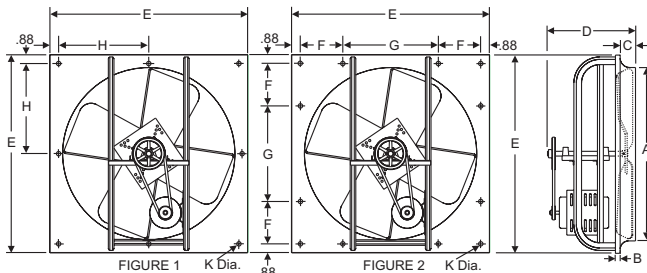
WALL COLLAR DIMENSIONS

Size	A Sq.	B Sq.	C
24"	30	31	14
30"	36	37	14½
36"	42	43	17
42"	48	49	19
48"	54	55	21
54"	60	61	23
60"	66	67	25

*Motor kits for motorized wall louvers, see page 55.

▲ Wall Collar and/or Guard shipped unassembled for ease of handling.

WS Wall Collars are shipped knocked down. WC Supply Shutters are not weather resistant. It is recommended that the WC be used with a weatherhood. For Weatherhood dimensions see page 56. WR48E & WR54E are two panel construction. WR60E is three panel.



NOTES:

If used for Intake, a Motor Actuator Kit must be utilized with shutter.

See page 54 for WRE and WC shutter selection/installation information, ship weights and cautions.

See page 30 for WRHD Heavy Duty Shutter information.

† WRHD Heavy Duty Shutter to be used with 7-1/2 and 10 HP fans.

HA DIMENSIONS

Model	See Figure	A	B	C	D	E	F	G	H	K	No. Holes
HA24	1	24-7/16	1	2-1/2	15-3/16	30	-	-	14-1/8	5/8	8
HA30	1	30-1/2	1	2-5/8	18-5/8	36	-	-	17-1/8	5/8	8
HA36	1	36-1/2	1-1/2	3-1/4	19-1/8	42	-	-	20-1/8	5/8	8
HA42	2	42-1/2	2	3-1/4	23-3/4	48	14	18-1/4	-	5/8	12
HA48	2	48-1/2	2	3-1/4	24-7/8	54	17	18-1/4	-	5/8	12
HA54	2	54-1/2	2	3-1/4	23-7/16	60	20	18-1/4	-	5/8	12
HA60	2	60-1/2	2	3-1/4	23-7/16	66	23	18-1/4	-	5/8	12

DIRECT DRIVE FANS

TUBE AXIAL

MODEL PLDA



FEATURES

- Fan Easily Mounts In Round Duct
- Ball Bearing, Standard NEMA Frame Motors
- Spark Resistant Cast Aluminum Propellers



DIRECT DRIVE PERFORMANCE / PRICING

Prop Dia.	Use Column At Right For Last Two Digits of EDP No.	Model No.	HP	Fan RPM	Capacity (CFM) @ "SP						Open Drip Proof Single Speed	
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	1 Phase 115/230V	3 Phase 230/460V
12"	3112F <input type="checkbox"/>	PLDA12FZ	1/2	3450	1875	1650	1400	1320	1250	1100	\$1367	\$1352
	3112H <input type="checkbox"/>	PLDA12HZ	3/4	3450	2044	1960	1920	1820	1650	1500	\$1412	\$1418
18"	3118C <input type="checkbox"/>	PLDA18CA	1/4	1725	3450	3050	2500	1200			\$1506	\$1462
	3118D <input type="checkbox"/>	PLDA18DA	1/3	1725	3315	3000	2600	2000	1400		\$1576	\$1558
	3118J <input type="checkbox"/>	PLDA18JA	1	1725	4600	4375	4080	3600	3000	2100	\$2088	\$1912
24"	3124C <input type="checkbox"/>	PLDA24CA	1/4	1725	5200	4200	2820	1050			\$1652	\$1620
	3124D <input type="checkbox"/>	PLDA24DC	1/3	1140	4975	4690	4250	3920	2850		\$2229	\$2139
	3124F <input type="checkbox"/>	PLDA24FA	1/2	1725	6510	5880	5200	4150	3100	1800	\$1889	\$1879
	3124H <input type="checkbox"/>	PLDA24HC	3/4	1140	6900	6450	6265	5600	3300		\$2830	\$2368
	3124J <input type="checkbox"/>	PLDA24JA	1	1725	7425	7000	6350	5850	5000	3300	\$2254	\$2082
27"	3127M <input type="checkbox"/>	PLDA24OA	3	1725	10500	9800	9500	9100	8700	7800	-	\$2471
	3127F <input type="checkbox"/>	PLDA27FA	1/2	1725	7550	6829	6000	5100	4000	2000	\$2058	\$2035
	3127J <input type="checkbox"/>	PLDA27JA	1	1725	9600	9000	8400	7775	7050	4800	\$2380	\$2215
30"	3127M <input type="checkbox"/>	PLDA27MA	2	1725	11500	11200	10700	10000	9300	8000	\$3257	\$2390
	3130F <input type="checkbox"/>	PLDA30FA	1/2	1725	8980	7650	6300	5400	4350	2300	\$2190	\$2234
	3130H <input type="checkbox"/>	PLDA30HC	3/4	1140	10440	9750	8750	7640	600		\$3061	\$2588
	3130M <input type="checkbox"/>	PLDA30MA	2	1725	12000	11250	10450	9600	8700	6000	\$3096	\$2640
	3130N <input type="checkbox"/>	PLDA30MC	2	1140	14000	13750	12900	11850	10450	2500	-	\$3041
34"	3130O <input type="checkbox"/>	PLDA30OA	3	1725	16000	15350	14700	13850	12900	10200	-	\$2693
	3134K <input type="checkbox"/>	PLDA34KA	1-1/2	1725	13350	12100	10000	9100	7300		\$3051	\$2792
	3134M <input type="checkbox"/>	PLDA34MA	2	1725	14850	13600	12100	10450	8800	4000	\$3405	\$2994
	3134N <input type="checkbox"/>	PLDA34MC	2	1140	15950	15100	13800	12500	11400		-	\$3228
	3134O <input type="checkbox"/>	PLDA34OC	3	1140	19300	18290	17230	16000	14800	11614	-	\$3808
42"	3142J <input type="checkbox"/>	PLDA42JD	1	870	15800	15200	13480	12310	5800	900	-	\$4086
	3142M <input type="checkbox"/>	PLDA42MC	2	1140	17964	17277	15326	13990	12351	7600	-	\$3842
	3142N <input type="checkbox"/>	PLDA42MD	2	870	22040	21000	20500	18500	15000	6000	-	\$4588
	3142P <input type="checkbox"/>	PLDA42PC	5	1140	28970	27960	26840	25700	24200	19500	-	\$4685
48"	3148O <input type="checkbox"/>	PLDA48OC	3	1140	28600	26500	24400	22000	20000	15900	-	\$5111
	3148N <input type="checkbox"/>	PLDA48OD	3	870	28700	26500	24200	21600	18500	10000	-	\$5899
	3148P <input type="checkbox"/>	PLDA48PD	5	870	33000	31500	29750	27650	25300	18000	-	\$6769

PLDA TUBE AXIAL ACCESSORIES

Prop Dia.	Ends in	MF	AD	GU	EC	CW
	EDP Number	Matching Flange (1 ea.)	Access Door	Guard (each)	Epoxy Coating	Cont. Weld of Flange to Drum
12"	3112 <input type="checkbox"/>	\$67	\$298	\$249	\$585	\$73
18"	3118 <input type="checkbox"/>	\$91	\$315	\$249	\$721	\$85
24"	3124 <input type="checkbox"/>	\$118	\$322	\$276	\$906	\$95
27"	3127 <input type="checkbox"/>	\$124	\$389	\$276	\$1031	\$124
30"	3130 <input type="checkbox"/>	\$134	\$401	\$276	\$1132	\$146
34"	3134 <input type="checkbox"/>	\$152	\$406	\$276	\$1278	\$158
42"	3142 <input type="checkbox"/>	\$164	\$433	\$316	\$1497	\$174
48"	3148 <input type="checkbox"/>	\$186	\$453	\$371	\$1740	\$192

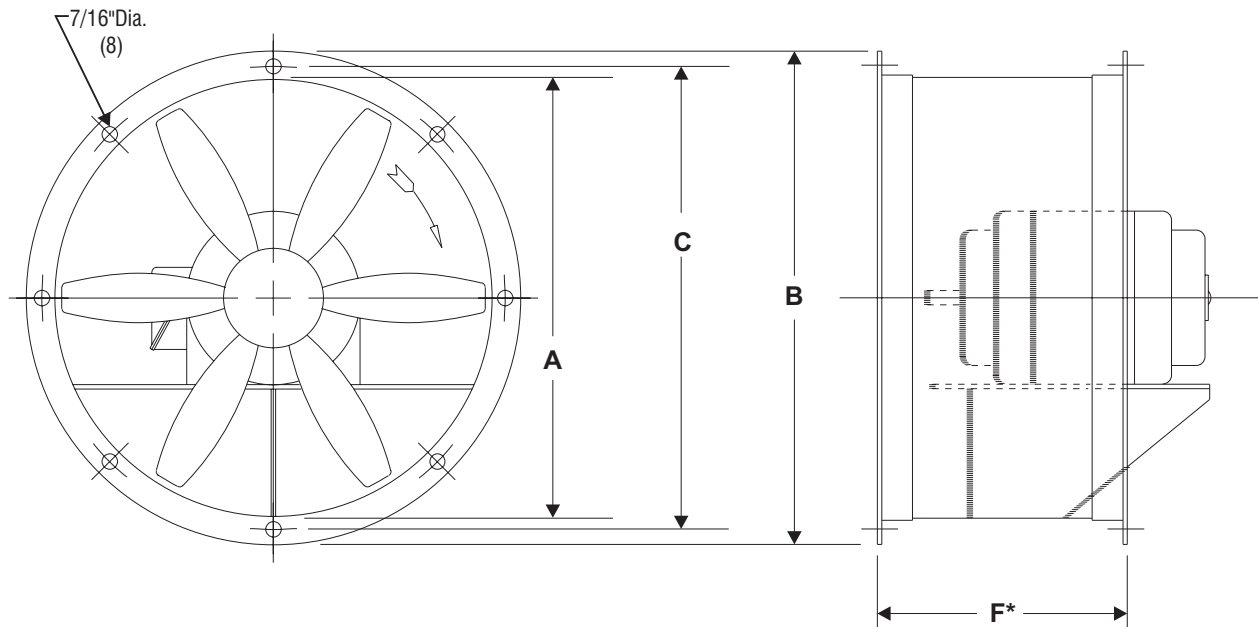
PRICING (CONT)

Model No.	EDP Ends in 42	EDP Ends in 45	EDP Ends in 62	EDP Ends in 65	Approx. Ship. Wt.
	Totally Enclosed Single Speed		Explosion Proof Single Speed		
	1 Phase 115/230V	3 Phase 230/460V	1 Phase 115/230V	3 Phase 230/460V	
PLDA12FZ	\$1367	\$1389	\$1879	\$1886	41
PLDA12HZ	\$1433	\$1440	\$2061	\$2076	50
PLDA18CA	\$1513	\$1491	\$1944	\$1900	60
PLDA18DA	\$1598	\$1582	\$2167	\$2026	90
PLDA18JA	\$2108	\$1937	\$2738	\$2712	100
PLDA24CA	\$1667	\$1640	\$2102	\$2047	96
PLDA24DC	\$2246	\$2167	\$2803	\$3028	100
PLDA24FA	\$1915	\$1900	\$2497	\$2621	114
PLDA24HC	\$2829	\$2398	\$3301	\$3283	120
PLDA24JA	\$2278	\$2108	\$2903	\$2868	150
PLDA24QA	-	\$2504	-	\$3371	190
PLDA27FA	\$2083	\$2058	\$2661	\$2836	122
PLDA27JA	\$2398	\$2244	\$3026	\$3009	152
PLDA27MA	\$3267	\$2419	\$5066	\$3307	175
PLDA30FA	\$2218	\$2257	\$2786	\$2909	128
PLDA30HC	\$3058	\$2617	\$3516	\$3526	185
PLDA30MA	\$3096	\$2640	\$5397	\$3270	180
PLDA30MC	-	\$3055	-	\$3921	180
PLDA30QA	-	\$2726	-	\$3589	200
PLDA34KA	\$3061	\$2803	\$5044	\$3569	190
PLDA34MA	\$3417	\$3022	\$5476	\$3737	200
PLDA34MC	-	\$3238	-	\$4134	200
PLDA34QC	-	\$3819	-	\$5161	250
PLDA42JD	-	\$4086	-	-	260
PLDA42MC	-	\$3852	-	\$4671	252
PLDA42MD	-	\$4728	-	-	260
PLDA42PC	-	\$4707	-	\$6104	300
PLDA48OC	-	\$5123	-	-	290
PLDA48OD	-	\$5894	-	-	290
PLDA48PD	-	\$6769	-	-	310

PLDA DIMENSIONS

Prop Dia.	A	B	C	F*
12"	12	14	13	14
18"	18	20	19	14
24"	24	27	25-5/8	18
27"	27	30	28-5/8	18
30"	30	33	31-5/8	18
34"	34	37	35-5/8	18
42"	42	45	43-5/8	18
48"	48	51	49-5/8	18

*Approx. - Dim. varies with motor.



BELT DRIVE FANS TUBE AXIAL MODEL PLDXA



FEATURES

- Fan Easily Mounts In Round Duct
- Air Tight Cylinder Protects Belts, Bearings & Pulleys from Contaminated Air
- Adjustable Motor Base
- Spark Resistant Cast Aluminum Propellers



BELT DRIVE PERFORMANCE / PRICING

Prop Dia.	Use Column At Right For Last Two Digits of EDP No.	Model No.	HP	Fan RPM	Capacity (CFM) @ "SP"						EDP Ends in 09	EDP Ends in 12
					Open Drip Proof Single Speed						1 Phase 115/230V	3 Phase 230/460V
					0"	1/8"	1/4"	3/8"	1/2"	3/4"		
12"	3212C <input type="checkbox"/>	PLDXA12CA	1/4	2625	1444	1307	1033	638	380		\$1883	\$1877
	3212F <input type="checkbox"/>	PLDXA12FA	1/2	3450	1875	1650	1400	1320	1250	1100	\$1889	\$1930
	3212H <input type="checkbox"/>	PLDXA12HA	3/4	3450	2044	1960	1920	1820	1650	1500	\$1985	\$2112
15"	3215C <input type="checkbox"/>	PLDXA15CA	1/4	2000	2600	2100	1700				\$2082	\$2076
	3215D <input type="checkbox"/>	PLDXA15DA	1/3	2200	2950	2500	2100	1760	1000		\$2098	\$2134
	3215F <input type="checkbox"/>	PLDXA15FA	1/2	1890	3350	3000	2650	2200	1500		\$2193	\$2222
18"	3215H <input type="checkbox"/>	PLDXA15HA	3/4	2200	3900	3700	3400	3100	2700	1150	\$2441	\$2427
	3218C <input type="checkbox"/>	PLDXA18CA	1/4	1600	3050	2500	2000	1200			\$2200	\$2197
	3218D <input type="checkbox"/>	PLDXA18DA	1/3	1725	3375	3000	2600	2000	1400		\$2210	\$2244
24"	3218F <input type="checkbox"/>	PLDXA18FA	1/2	1890	3850	3500	3100	2500	2000		\$2301	\$2327
	3218J <input type="checkbox"/>	PLDXA18JA	1	1725	4600	4375	4080	3600	3000	2100	\$2829	\$2690
	3218K <input type="checkbox"/>	PLDXA18KA	1-1/2	1990	5350	5060	4830	4550	3950	3000	\$2997	\$2766
27"	3224F <input type="checkbox"/>	PLDXA24FA	1/2	1298	5643	5320	4826	4440	3500		\$2493	\$2526
	3224H <input type="checkbox"/>	PLDXA24HA	3/4	1600	6906	6510	5900	5440	4650	2750	\$2716	\$2712
	3224J <input type="checkbox"/>	PLDXA24JA	1	1725	7425	7000	6350	5850	5000	3300	\$2936	\$2795
30"	3224K <input type="checkbox"/>	PLDXA24KA	1-1/2	1540	8200	7900	7650	7280	6850	5500	\$3699	\$3494
	3224M <input type="checkbox"/>	PLDXA24MA	2	1600	9760	9114	8830	8460	8090	7000	\$3988	\$3582
	3224O <input type="checkbox"/>	PLDXA24OA	3	1725	10500	9800	9500	9100	8700	7800	-	\$3728
34"	3227H <input type="checkbox"/>	PLDXA27HA	3/4	1250	8330	7814	7550	7070	6500	4650	\$3450	\$3465
	3227J <input type="checkbox"/>	PLDXA27JA	1	1400	9400	8675	8480	7950	7300	5200	\$3669	\$3552
	3227K <input type="checkbox"/>	PLDXA27KA	1-1/2	1600	10700	10250	9700	9080	8375	6000	\$3874	\$3669
42"	3227M <input type="checkbox"/>	PLDXA27MA	2	1350	11500	11200	10700	10000	9300	8000	\$4203	\$3801
	3230F <input type="checkbox"/>	PLDXA30FA	1/2	1140	8900	7925	6660	4270	2300		\$3403	\$3472
	3230J <input type="checkbox"/>	PLDXA30JA	1	1298	9896	8970	7980	6050	4120		\$3792	\$3672
48"	3230K <input type="checkbox"/>	PLDXA30KA	1-1/2	1035	11100	10600	9700	8600	7500	3500	\$4140	\$3947
	3230M <input type="checkbox"/>	PLDXA30MA	2	1176	12100	11660	11000	10121	9322	6700	\$4433	\$4038
	3230O <input type="checkbox"/>	PLDXA30OA	3	1350	13480	12982	12498	12042	11465	10380	-	\$4174
34"	3234K <input type="checkbox"/>	PLDXA34KA	1-1/2	1170	13695	12400	11100	8365	6000	1050	\$4349	\$4159
	3234M <input type="checkbox"/>	PLDXA34MA	2	1027	14657	13652	12590	11500	10000	8000	\$4780	\$4400
	3234O <input type="checkbox"/>	PLDXA34OA	3	1175	17580	16750	15896	14600	14095	12000	-	\$4510
42"	3242K <input type="checkbox"/>	PLDXA42KA	1-1/2	750	18960	17000	14662	11700	7200		\$5183	\$5009
	3242M <input type="checkbox"/>	PLDXA42MA	2	820	20700	18900	17002	14700	11400	4000	\$5438	\$5090
	3242O <input type="checkbox"/>	PLDXA42OA	3	890	23700	22100	20200	18960	16970	9950	-	\$5226
48"	3242P <input type="checkbox"/>	PLDXA42PA	5	850	26900	25600	24403	23450	22250	18400	-	\$5529
	3248P <input type="checkbox"/>	PLDXA48PA	5	800	33000	31000	29400	27500	25670	20700	-	\$7894
	3248Q <input type="checkbox"/>	PLDXA48QA	7-1/2	900	37500	35900	34500	32800	31200	27700	-	\$8374
	3248R <input type="checkbox"/>	PLDXA48RA	10	1000	41200	39700	38300	36900	35400	32400	-	\$8779

PLDXA DIMENSIONS

Prop Dia.	A	B	C	F
12	12	14	13	12
15	15	17	16	12
18	18	20	19	12
24	24	27	25-5/8	12
				16*
27	27	30	28-5/8	16**

Prop Dia.	A	B	C	F
30	30	33	31-5/8	12
				16**
34	34	37	35-5/8	16
42	42	45	43-5/8	18
48	48	51	49-5/8	24

*2 HP & UP **1-1/2 HP & UP

PRICING (CONT.)

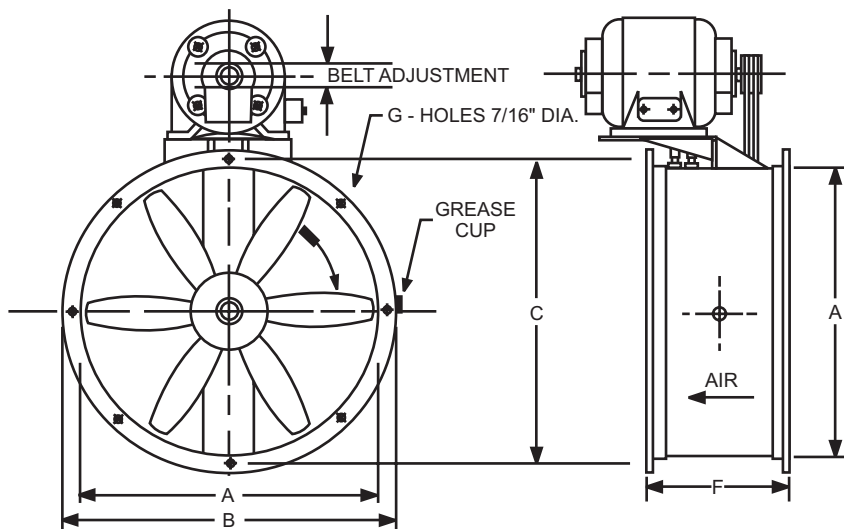
Model No.	EDP Ends in 42		EDP Ends in 45		EDP Ends in 62		EDP Ends in 65		Approx. Ship. Wt.
	Totally Enclosed Single Speed				Explosion Proof Single Speed				
	1 Phase 115/230V	3 Phase 230/460V	1 Phase 115/230V	3 Phase 230/460V	1 Phase 115/230V	3 Phase 230/460V	1 Phase 115/230V	3 Phase 230/460V	
PLDXA12CA	\$1893	\$1900	\$2244	\$2383	68				
PLDXA12FA	\$1893	\$1956	\$2295	\$2624	72				
PLDXA12HA	\$1985	\$2120	\$2441	\$2737	76				
PLDXA15CA	\$2091	\$2098	\$2441	\$2588	73				
PLDXA15DA	\$2102	\$2156	\$2664	\$2874	75				
PLDXA15FA	\$2199	\$2244	\$2772	\$2959	80				
PLDXA15HA	\$2447	\$2430	\$3012	\$3009	95				
PLDXA18CA	\$2207	\$2222	\$2551	\$2712	80				
PLDXA18DA	\$2215	\$2272	\$2778	\$2982	85				
PLDXA18FA	\$2303	\$2351	\$2880	\$3064	95				
PLDXA18JA	\$2829	\$2710	\$3414	\$3427	115				
PLDXA18KA	\$3014	\$2791	\$4883	\$3532	125				
PLDXA24FA	\$2497	\$2547	\$3070	\$3263	125				
PLDXA24HA	\$2722	\$2712	\$3281	\$3354	130				
PLDXA24JA	\$2936	\$2814	\$3526	\$3538	145				
PLDXA24KA	\$3716	\$3516	\$5592	\$4264	150				
PLDXA24MA	\$3988	\$3604	\$6465	\$4393	170				
PLDXA24QA	-	\$3750	-	\$4634	185				
PLDXA27HA	\$3460	\$3465	\$4014	\$4108	135				
PLDXA27JA	\$3672	\$3579	\$4263	\$4298	155				
PLDXA27KA	\$3892	\$3691	\$5760	\$4438	160				
PLDXA27MA	\$4210	\$3827	\$6684	\$4620	210				
PLDXA30FA	\$3409	\$3494	\$3984	\$4207	118				
PLDXA30JA	\$3792	\$3696	\$4383	\$4433	140				
PLDXA30KA	\$4158	\$3969	\$6038	\$4715	165				
PLDXA30MA	\$4433	\$4061	\$6908	\$4851	200				
PLDXA30QA	-	\$4188	-	\$5076	215				
PLDXA34KA	\$4364	\$4181	\$6239	\$4930	175				
PLDXA34MA	\$4780	\$4422	\$7263	\$5216	210				
PLDXA34QA	-	\$4532	-	\$5419	275				
PLDXA42KA	\$5197	\$5029	\$7079	\$5788	250				
PLDXA42MA	\$5438	\$5096	\$7916	\$5886	260				
PLDXA42QA	-	\$5248	-	\$6134	275				
PLDXA42PA	-	\$5558	-	\$6622	325				
PLDXA48PA	-	\$7924	-	\$8986	375				
PLDXA48QA	-	\$8394	-	\$9745	430				
PLDXA48RA	-	\$8823	-	\$10,212	520				

PLDXA TUBE AXIAL ACCESSORIES

Prop Dia.	EDP Number	Matching Flange (1 ea.)	Access Door	Inlet/Outlet Guard	Belt Drive Guard (OSHA)	Epoxy Coating	Cont. Weld of Flange to Drum
12"	3212 □□	\$67	\$298	\$118	\$249	\$585	\$73
15"	3215 □□	\$79	\$304	\$118	\$249	\$653	\$79
18"	3218 □□	\$91	\$316	\$118	\$249	\$721	\$85
24"	3224 □□	\$118	\$322	\$130	\$276	\$906	\$95
27"	3227 □□	\$124	\$389	\$164	\$276	\$1031	\$124
30"	3230 □□	\$134	\$401	\$164	\$276	\$1132	\$146
34"	3234 □□	\$152	\$406	\$208	\$276	\$1278	\$158
42"	3242 □□	\$164	\$433	\$237	\$316	\$1497	\$174
48"	3248 □□	\$186	\$453	\$310	\$371	\$1740	\$192

WEATHER COVER FOR MOTOR AND DRIVE

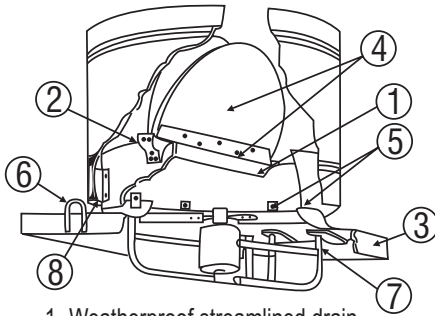
Size	EDP #	HP	List
12" - 42"	88202	Up to 1.5	\$344
24" - 48"	88203	2 - 5	\$433
42" - 48"	88205	7.5 & Up	\$535



DIRECT DRIVE UPBLAST PROPELLER ROOF VENTILATORS MODEL UP



CONSTRUCTION FEATURES



1. Weatherproof streamlined drain trough.
2. Rigid bearing bracket with oilite damper bearings.
3. Leak proof base, no bolt holes.
4. Aluminum dampers with reinforced center strip.
5. All metal assembly for permanent alignment and rattle free operation.
6. Lifting lugs on large units to facilitate installation.
7. Welded base and hanger assembly.
8. Internal condensation drain.

FEATURES

- Ideal for General Ventilation
- Discharges Heat, Fumes, Moisture High Above Roof
- Totally Enclosed Motors
- Magnetic Latches on Dampers Minimize Flutter When Fan Is Not in Operation

DIRECT DRIVE PERFORMANCE

Prop Dia.	HP	RPM	0" SP CFM	1/8" CFM	1/4" CFM	0" BHP
18"	1/2	1750	3853	3550	3215	0.57
24"	1/3	1150	4495	3948	-	0.36
	1	1750	6847	6482	6126	0.94
30"	3/4	1150	9802	8885	7597	0.64
	2	1750	14910	14368	13752	2.25
36"	1	1150	10194	8961	-	0.70
	3	1750	15500	14640	13840	2.45
42"	1	850	14640	13222	11985	0.94
	2	1150	19824	18800	17740	2.35
	5	1150	26150	25120	24040	4.35
48"	2	850	21840	20200	18400	1.76
	5	1150	29500	28300	27100	4.58
60"	3	850	32200	29775	27550	2.30

DIRECT DRIVE

Prop Dia.	EDP Number	Catalog Number	Motor HP	Ship Wt.	List Price	
					1PH 115/230V	3PH 230/460V
18"	30250	UP18H-G3	1/2 (TE)	165	\$1917	-
	30400	UP18H-G8	1/2 (TE)	165	-	\$1884
24"	30260	UP24H-F3	1/3 (TE)	290	\$2266	-
	30270	UP24H-I3	1 (TE)	290	\$2163	-
	30410	UP24H-F8	1/3 (TE)	230	-	\$3101
	30420	UP24H-I8	1 (TE)	230	-	\$2168
30"	30280	UP30H-H3	3/4 (TE)	290	\$2087	-
	30430	UP30H-H8	3/4 (TE)	290	-	\$2805
	30440	UP30H-K8	2 (TE)	290	-	\$2820
36"	30450	UP36H-I8	1 (TE)	350	-	\$3290
	30460	UP36H-L8	3 (TE)	350	-	\$3461
42"	30470	UP42H-I8	1 (TE)	500	-	\$4598
	30480	UP42H-K8	2 (TE)	500	-	\$4245
	30490	UP42H-M8	5 (TE)	500	-	\$4642
48"	30500	UP48H-K8	2 (TE)	575	-	\$5893
	30510	UP48H-M8	5 (TE)	575	-	\$5339
60"	30520	UP60H-L8	3 (TE)	775	-	\$7270

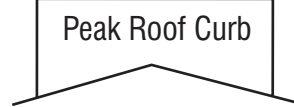
ROOF CURBS FOR UP & UPB SERIES

Prop Dia.	EDP Number	Catalog Number	Description	List Price
18"	31050	PACN31.5-8	31½" x 31½" x 8" Insulated steel curb	\$219
24"	31055	PACN37.5-8	37½" x 37½" x 8" Insulated steel curb	\$261
30"	31060	PACN43.5-8	43½" x 43½" x 8" Insulated steel curb	\$303
36"	31065	PACN49.5-8	49½" x 49½" x 8" Insulated steel curb	\$346
42"	31070	PACN55.5-8	55½" x 55½" x 8" Insulated steel curb	\$408
48"	31075	PACN61.5-8	61½" x 61½" x 8" Insulated steel curb	\$429
60"	31080	PACN73.5-8	73½" x 73½" x 8" Insulated steel curb	\$512

PACN Curbs do not have Damper Shelf.

NOTES:

For dimensional data, see page 37.
 Speed (RPM) is nominal. Performance is based on actual speed of test. Performance shown is for installation Type A: Free Inlet, Free Outlet.
 Performance ratings do not include the effects of appurtenances in the airstream. Power ratings (BHP) do not include drive losses.
 Pitched and Peaked Curbs available.
 For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
 For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
 For pricing of Pitched or Peaked Roof Curbs greater than 8" in height, consult factory.
 Please specify Pitched or Peaked when ordering.

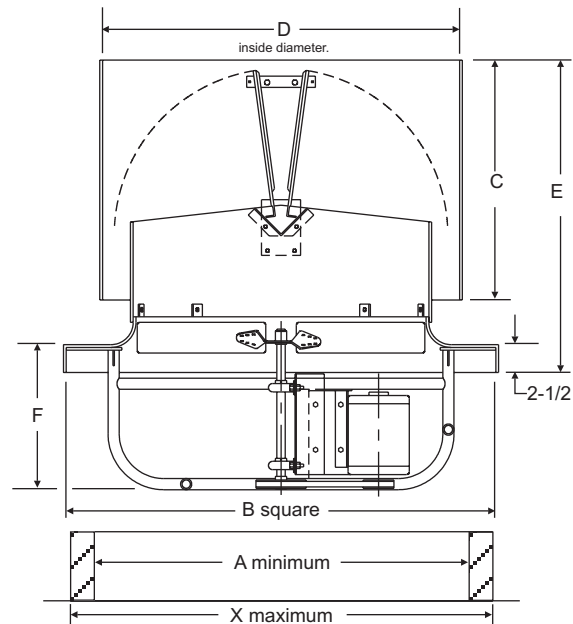
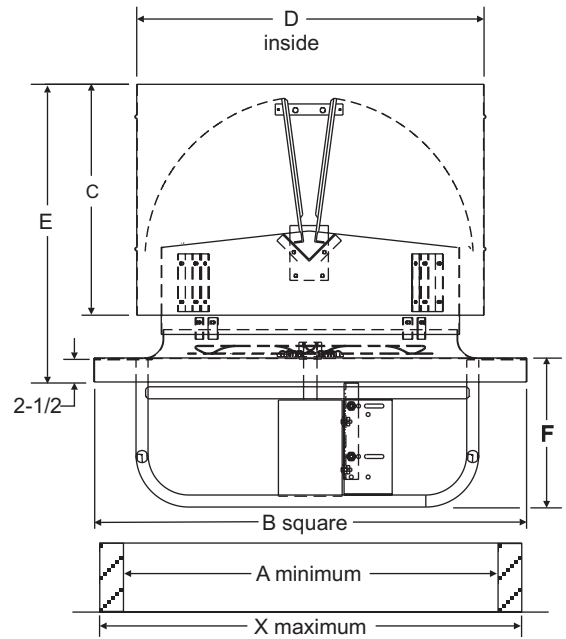


BELT DRIVE PERFORMANCE

Prop Dia.	HP	RPM	0" SP CFM	1/8" CFM	1/4" CFM	0" BHP
24"	1/2	985	5652	4967	4152	0.57
	3/4	1133	6501	5940	5309	0.74
	1	1256	7207	6690	6121	1.01
30"	3/4	773	8870	7900	6493	0.77
	1	849	9742	8944	7836	1.02
	1-1/2	979	11233	10730	9644	1.57
36"	2	1085	12449	12072	11061	2.13
	1	661	12367	10698	9401	0.97
	1-1/2	767	14350	13024	11250	1.51
	2	857	16033	14810	13804	2.11
	3	981	18353	17355	16406	3.17
42"	5	1172	21927	21057	20291	5.4
	1-1/2	598	17332	15616	13557	1.39
	2	670	19418	17958	16174	1.95
	3	781	22635	21475	19943	3.09
48"	5	928	26896	25994	24767	5.18
	3	633	27124	25307	22865	2.99
	5	764	32737	31248	29633	5.26
60"	3	394	36216	31488	26008	3.04
	5	473	43478	39543	35691	5.25

BELT DRIVE

Prop Dia.	EDP Number	Catalog Number	Motor HP	Ship Wt.	List Price	
					1PH 115/230V	3PH 230/460V
24"	30600	UPB24R-G3	1/2	270	\$2282	-
	30610	UPB24R-H3	3/4	270	\$2363	-
	30620	UPB24R-I3	1	270	\$2362	-
	30850	UPB24R-G8	1/2	270	-	\$2237
	30860	UPB24R-H8	3/4	270	-	\$2267
	30870	UPB24R-I8	1	270	-	\$2254
30"	30630	UPB30R-H3	3/4	330	\$2842	-
	30640	UPB30R-I3	1	330	\$2858	-
	30650	UPB30R-J3	1 1/2	330	\$2951	-
	30880	UPB30R-H8	3/4	330	-	\$2754
	30890	UPB30R-I8	1	330	-	\$2805
	30900	UPB30R-J8	1 1/2	330	-	\$2905
36"	30910	UPB30R-K8	2	330	-	\$2900
	30670	UPB36R-I3	1	375	\$3428	-
	30680	UPB36R-J3	1 1/2	375	\$3515	-
	30920	UPB36R-I8	1	375	-	\$3293
	30930	UPB36R-J8	1 1/2	375	-	\$3469
	30940	UPB36R-K8	2	375	-	\$3396
42"	30950	UPB36R-L8	3	375	-	\$3695
	30960	UPB36R-M8	5	375	-	\$4100
	30720	UPB42R-J3	1 1/2	525	\$3971	-
	30970	UPB42R-J8	1 1/2	525	-	\$3939
48"	30980	UPB42R-K8	2	525	-	\$3899
	30990	UPB42R-L8	3	525	-	\$4151
	31000	UPB42R-M8	5	525	-	\$4621
	31010	UPB48R-L8	3	600	-	\$4743
60"	31020	UPB48R-M8	5	600	-	\$4902
	31030	UPB60R-L8	3	800	-	\$6552
	31040	UPB60R-M8	5	800	-	\$6864



DIMENSIONS (INCHES)

Prop Dia.	A Min.	B	C	D	E	F*		X Max.
						UP	UPB	
18	24	33	18	24	22	9 1/4		32
24	30	39	22	30	26	10 1/2	15 1/4	38
30	36	45	25	36	29	14 3/4	16 1/4	44
36	42	51	28	42	32	14 3/4	16 1/4	50
42	48	57	32	48	36	17 3/4	16 1/4	56
48	54	63	34	54	38	18	16 1/2	62
60	66	75	42	66	46	18	16 1/2	74

*APPROXIMATE - varies with motor size.

BED DRIVE CABINET FAN WITH AUTO SHUTTERS

115V, 115/230V & 230/460V

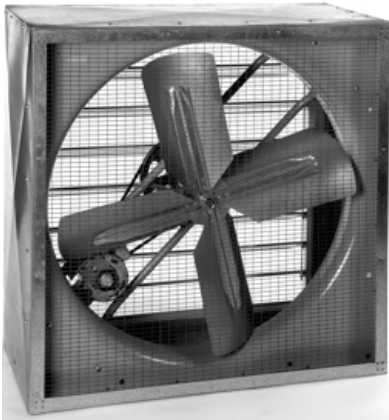
MODEL CWF



Fully Assembled for Quick Installation

FEATURES

- Heavy Gauge Galvanized Steel Housing
- Aluminum Shutters
- Inlet Guard
- Ball Bearing Motor
- 115V, 115/230V 1 Phase & 230/460V 3 Phase Motors



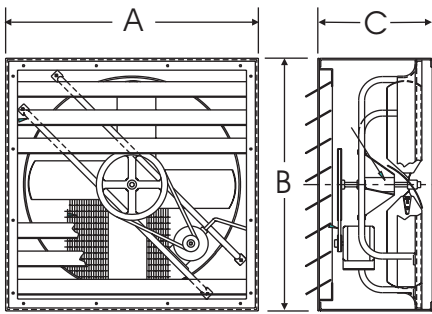
PERFORMANCE 115V, 115/230V & 230/460V

Prop Dia.	Cabinet Size	0" SP CFM	1/8" SP CFM	RPM
30"	36 1/2" x 19" W or 25" W	6066	3370	574
36"	42 1/2" x 19" W or 25" W	8143	4044	415
42"	48 1/2" x 19" W or 25" W	11039	5950	413
48"	54 1/2" x 19" W or 25" W	14970	10509	372

115V, 115/230V & 230/460V MODELS

Prop Dia.	Cabinet Size A B	EDP Number	Catalog Number	HP	PH	Max. Sones @ 5'	SHIP Wt.	ODP* 115V List Price	TEFC* 115/230V List Price	TEFC* 230/460V List Price	EXP* 115/230V List Price
30"	36 1/2" 36 1/2" 19"	39220	CWF-30-2A	1/2 (ODP)	1	10.99	139	\$1509	-	-	-
	36 1/2" 36 1/2" 25"	39223	CWF-30-2A3E	1/2 (TEFC)	3	10.9	153	-	-	\$1897	-
	36 1/2" 36 1/2" 25"	39225	CWF-30-2A1X	1/2 (EXP)	1	10.9	168	-	-	-	\$2488
36"	42 1/2" 42 1/2" 19"	39230	CWF-36-2A	1/2 (ODP)	1	9.5	150	\$1689	-	-	-
	42 1/2" 42 1/2" 25"	39237	CWF-36-2A3E	1/2 (TEFC)	3	9.5	181	-	-	\$2232	-
	42 1/2" 42 1/2" 25"	39236	CWF-36-3AS1E	3/4 (TEFC)	1	9.5	177	-	\$2365	-	-
	42 1/2" 42 1/2" 25"	39234	CWF-36-2A1X	1/2 (EXP)	1	9.5	181	-	-	-	\$2903
42"	48 1/2" 48 1/2" 19"	39240	CWF-42-3A	3/4 (ODP)	1	12.6	275	\$2728	-	-	-
	48 1/2" 48 1/2" 25"	39247	CWF-42-3A3E	3/4 (TEFC)	3	12.6	297	-	-	\$2795	-
	48 1/2" 48 1/2" 25"	39241	CWF-42-3A1X	3/4 (EXP)	1	12.6	317	-	-	-	\$3523
48"	54 1/2" 54 1/2" 19"	39250	CWF-48-4A	1(ODP)	1	12.5	310	\$2956	-	-	-
	54 1/2" 54 1/2" 25"	39255	CWF-48-4A3E	1(TEFC)	3	12.5	341	-	\$2991	\$3129	-
	54 1/2" 54 1/2" 25"	39257	CWF-48-4A1E	1(TEFC)	1	12.5	341	-	-	-	-
	54 1/2" 54 1/2" 25"	39246	CWF-48-4A1X	1(EXP)	1	12.5	353	-	-	-	\$3853

*ODP = Open Drip Proof Motor TEFC = Totally Enclosed, Fan Cooled Motor EXP = Explosion Proof Motor, Class I, Group D; Class II, Groups F & G



GRAVITY RELIEF VENT

MODEL EGRV

Economical



EGRV GRAVITY NON-POWERED RELIEF VENT (Unit has no motor)

Approximate Throat Dia.	EDP Number	Catalog Number	CFM*	List	Curb (EDP)	**Exhaust Backdraft Damper w/ Motor Kit (EDP)
12"	6812V00	EGRV120	1000	\$268	PACA17.75 (31100) \$139	BD14.5A (9021450) \$107 Motor Kit 115/230V (94283) \$196
14"	6814V00	EGRV140	1475	\$589	PACA20 (31102) \$157	BD16.75A (9021670) \$124 Motor Kit 115/230V (94283) \$196
18"	6818V00	EGRV180	2400	\$773	PACA25 (31110) \$202	BD21.75A (9022170) \$171 Motor Kit 115/230V (94283) \$196

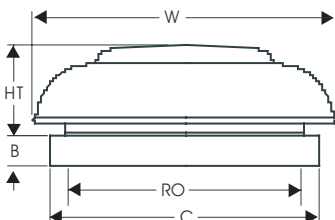
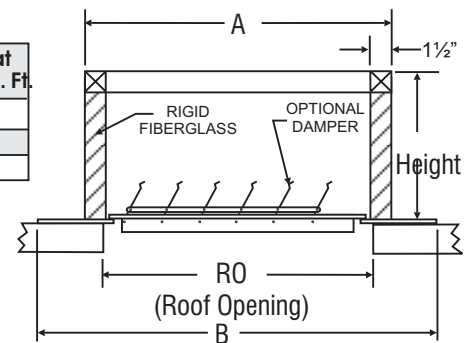
*Approximate CFM at 1200 FPM throat velocity. **Use motorized damper only.

DIMENSIONS

Catalog Number	Ht.	W	B	C	Roof Opening	Approx. Throat Opening in Sq. Ft.
EGRV120	11"	21"	1-1/2"	18-1/2"	12-1/2"	.79
EGRV140	14"	27"	1-1/2"	21"	15"	1.07
EGRV180	16"	34"	2"	26"	20"	1.97

CURB DIMENSIONS

Approx. Throat Size	Curb Cat. No.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.
12"	PACA17.75	17-3/4"	23-3/4"	12-3/4"	BD14.5A
14"	PACA20	20"	24"	15"	BD16.75A
18"	PACA25	25"	29"	20"	BD21.75A



New & Improved

FEATURES

- Durable and Quiet at Higher Static Pressures
- Suitable for Roof or Wall Mount
- 115V, 1 Phase, 2 Speed, Open Drip Proof Motors
- Bird Screen Standard
- AMCA Licensed for Air
- ETL Listed
- Emergency Disconnect Switch Standard
- Non-Overloading, Backward Inclined Wheel
- Variable Speed Control Standard



PERFORMANCE

Catalog Number	SPEED	HP	RPM	TIP SPEED	Capacity (CFM) at "S.P								
					0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	
CDD100-2	High	1/15	1600	3770	547	482	421	364	309	260	199		
	Low		1400	3299	441	386	328	264	195	118			
CDD120-2	High	1/15	1500	4123	811	716	583	533	483				
	Low		1100	3024	468	386	306	230	157	85			
CDD250B-2	High	1/4	1170	3599	926	849	783	714	604				
	Low		1100	3384	870	788	718	623	451				
CDD330B-2	High	1/3	1700	5229	1455	1395	1341	1286	1226	1167	1108	969	
	Low		1550	4768	1358	1296	1235	1176	1099	1035	952	738	
CDD550B-2	High	1/2	1650	5940	2581	2465	2383	2294	2206	2109	2013	1811	
	Low		1450	5220	2261	2138	2022	1896	1763	1582	1476	1231	

Speed Control allows for CFM range to 50% of CFM stated.

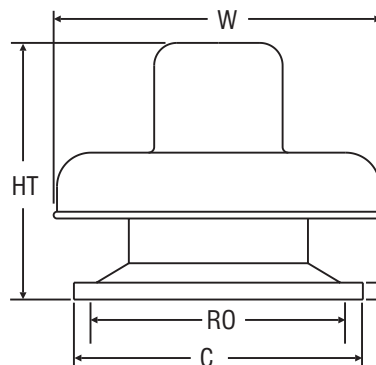
115V MODELS

Wheel Dia.	EDP Number	Catalog Number	Ship Wt.	2 Sp.	8" Curb (EDP#)		List Price	Gravity Damper (EDP#)		List Price
					12" Curb (EDP#)			Motor Kit (EDP#)		
9"	6310XB15	CDD100-2	30	\$558	PACA17.75-8	(31100)	\$139	BD14.5A	(9021450)	\$107
					PACA17.75-12	(31101)	\$155	Motor Kit 115/230V	(94283)	\$196
10 1/2"	6312XB15	CDD120-2	35	\$636	PACA17.75-8	(31100)	\$139	BD14.5A	(9021450)	\$107
					PACA17.75-12	(31101)	\$155	Motor Kit 115/230V	(94283)	\$196
10 3/4"	6325CB15	CDD250B-2	45	\$1035	PACA20-8	(31102)	\$157	BD16.75A	(9021670)	\$124
					PACA20-12	(31103)	\$173	Motor Kit 115/230V	(94283)	\$196
11 3/4"	6330DB15	CDD330B-2	45	\$1355	PACA20-8	(31102)	\$157	BD16.75A	(9021670)	\$124
					PACA20-12	(31103)	\$173	Motor Kit 115/230V	(94283)	\$196
12"	6350FB15	CDD550B-2	50	\$1602	PACA20-8	(31102)	\$157	BD16.75A	(9021670)	\$124
					PACA20-12	(31103)	\$173	Motor Kit 115/230V	(94283)	\$196

Motorized damper requires 12" Curb.

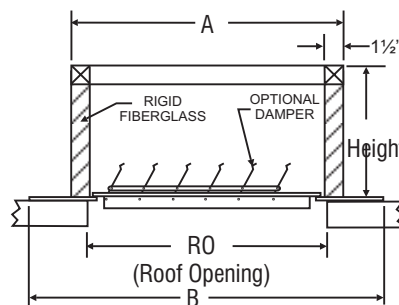
DIMENSIONS

Catalog Number	Ht.	W	B	C	Roof Opening
CDD100-2	14"	19"	1-1/2"	19"	12.75"
CDD120-2	16"	21"	1-1/2"	19"	12.75"
CDD250B-2	23-1/2"	27-5/8"	1-1/2"	21"	16"
CDD330B-2	23-1/2"	27-5/8"	1-1/2"	21"	16"
CDD550B-2	23-1/2"	27-5/8"	1-1/2"	21"	16"



CURB DIMENSIONS

Curb Cat. No.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.
PACA17.75	17-3/4"	23-3/4"	12-3/4"	BD14.5A
PACA20	20"	24"	15"	BD16.75A



ACCESSORIES

EDP No.	Description	List
62000	Curb Hinge	\$104

NOTES:
 Pitched and Peaked Curbs available.
 For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
 For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
 Please specify Pitched or Peaked when ordering.

CENTRIFUGAL BELT DRIVE EXHAUST FAN MODEL CBD



Handles Higher Static Pressures - Quietly



FEATURES

- Non-Overloading Backward Inclined Wheel
- Aluminum Housing
- Forced Air Thru Motor Compartment
- Variable Pitch Motor Pulley Allows for Field Adjustments
- AMCA Licensed for Sound and Air
- Bird Screen
- Emergency Disconnect Switch Standard
- Suitable for Wall Mount up through CBD245MA
- ETL Listed

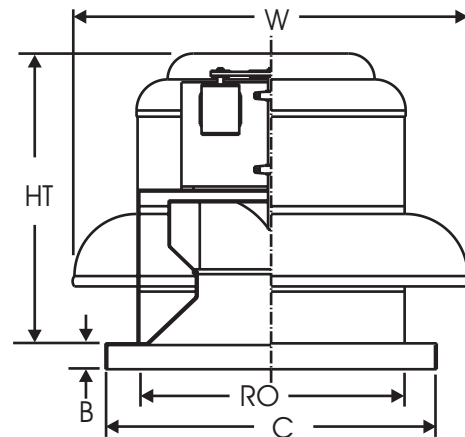


Wheel Dia.	Use Column at right for last two digits of EDP No.	Cat. Number	HP	Fan RPM	Tip Speed	Max BHP	Capacity (CFM) at "S.P.									
							0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	
13"	6513C	CBD130CA	1/4	1255	4410	0.29	1985	1892	1799	1705	1609	1357	-	-	-	
	6513D	CBD130DA	1/3	1328	4780	0.37	2152	2066	1980	1894	1807	1607	1300	-	-	
	6513F	CBD130FA	1/2	1531	5511	0.57	2481	2406	2332	2258	2182	2031	1850	1598	-	
15"	6515D	CBD150DA	1/3	1066	4395	0.36	2769	2646	2523	2371	2219	1795	-	-	-	
	6515F	CBD150FA	1/2	1230	5072	0.56	3195	3088	2982	2867	2735	2452	2069	-	-	
	6515H	CBD150HA	3/4	1389	5727	0.81	3608	3513	3419	3325	3217	2984	2718	2377	1877	
18"	6515J	CBD150JA	1	1527	6296	1.08	3966	3880	3794	3709	3623	3413	3201	2944	2630	
	6518D	CBD180DA	1/3	802	3915	0.36	3114	2952	2789	2600	2391	-	-	-	-	
	6518F	CBD180FA	1/2	922	4501	0.55	3580	3439	3298	3148	2984	2604	-	-	-	
20"	6518H	CBD180HA	3/4	1039	5072	0.79	4035	3909	3784	3659	3520	3227	2866	-	-	
	6518J	CBD180JA	1	1159	5658	1.10	4501	4388	4276	4164	4051	3793	3513	3189	2763	
	6518K	CBD180KA	1-1/2	1305	6371	1.57	5068	4968	4868	4768	4669	4457	4225	3976	3688	
24"	6518M	CBD180MA	2	1437	7015	2.08	5580	5490	5399	5308	5218	5037	4831	4620	4394	
	6520D	CBD200DA	1/3	671	3624	0.36	3850	3632	3382	3071	2666	-	-	-	-	
	6520F	CBD200FA	1/2	761	4110	0.49	4366	4174	3981	3725	3435	2541	-	-	-	
28"	6520H	CBD200HA	3/4	869	4693	0.79	4986	4817	4649	4460	4234	3691	2751	-	-	
	6520J	CBD200JA	1	962	5196	1.07	5520	5367	5215	5063	4872	4447	3904	-	-	
	6520K	CBD200KA	1-1/2	1093	5903	1.57	6271	6137	6003	5869	5735	5385	4993	4523	3830	
32"	6520M	CBD200MA	2	1204	6503	2.10	6908	6786	6665	6543	6421	6140	5814	5438	5011	
	6524H	CBD245HA	3/4	658	4264	0.77	6224	5942	5660	5279	4839	3537	-	-	-	
	6524J	CBD245JA	1	727	4711	1.05	6876	6622	6367	6060	5709	4814	3156	-	-	
36"	6524K	CBD245KA	1-1/2	829	5372	1.56	7841	7618	7394	7171	6882	6230	5394	4019	-	
	6524M	CBD245MA	2	914	5922	2.07	8645	8443	8240	8037	7825	7274	6621	5826	4564	
	6524O	CBD245OA	3	1050	6804	3.15	9932	9579	9255	8929	8617	8337	7779	7133	-	
40"	6530J	CBD300JA	1	504	4074	1.05	8259	7887	7503	7073	6548	5082	-	-	-	
	6530K	CBD300KA	1-1/2	575	4648	1.56	9423	9097	8770	8421	8032	7039	5647	-	-	
	6530M	CBD300MA	2	631	5100	2.06	10341	10043	9746	9437	9104	8332	7287	5910	-	
44"	6530O	CBD300OA	3	727	5876	3.16	11914	11656	11398	11140	10868	10277	9584	8702	7619	
	6530P	CBD300PA	5	859	6943	5.20	14077	13859	13641	13422	13204	12744	12241	11720	11022	
	6536J	CBD365JA	1	377	3677	1.01	10900	10230	9487	8630	7285	-	-	-	-	
48"	6536K	CBD365KA	1-1/2	430	4193	1.56	12433	11845	11244	10542	9749	-	-	-	-	
	6536M	CBD365MA	2	475	4632	2.07	13734	13202	12670	12065	11429	9688	-	-	-	
	6536O	CBD365OA	3	544	5305	3.09	15729	15265	14800	14366	13781	12641	10930	-	-	
52"	6536P	CBD365PA	5	643	6271	5.19	18592	18199	17806	17413	17020	16096	15157	13894	11990	

Performance shown is for installation Type A: Free Inlet; Free Outlet. Power Ratings (BHP) do not include Drive Losses. Performance ratings do not include the effects of appurtenances in the air stream.

DIMENSIONS

Catalog Number	Ht.	W	B	C	RO
CBD130	25-1/2"	28-1/4"	1-1/2"	21"	15"
CBD150	28-1/4"	31-1/2"	2"	24-3/4"	18.75"
CBD180	31-1/2"	37-1/2"	2"	28"	22"
CBD200	31-1/2"	37-1/2"	2"	28"	22"
CBD245	37-1/2"	42"	1-1/2"	33"	27"
CBD300	39"	51-1/4"	2"	40"	34"
CBD365	42-1/2"	61-3/8"	2"	44"	38"



NOTES:
Instructions for Wall Mounting included with each fan.
Explosion Proof and Totally Enclosed Motors available upon request.

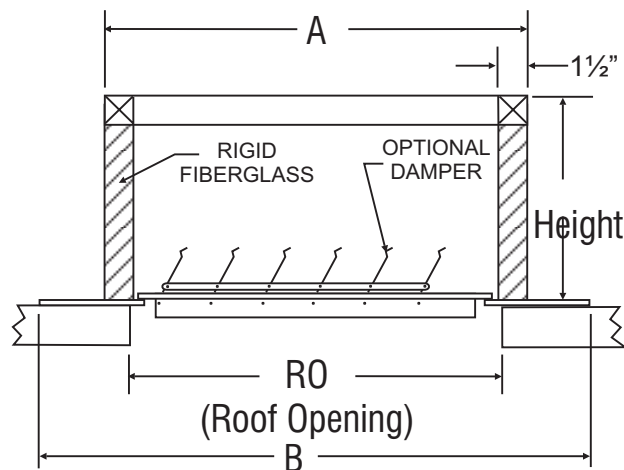
Cat. Number	Max. Sones Ship Wt.		Ends in 09		Ends in 12		8" Curb (EDP#) 12" Curb (EDP#)			Damper - Gravity (EDP#)		
			1 Phase	3 Phase	1 Phase	3 Phase				Motorized Damper Kit (EDP#)		
			115/230V	208/230/460V								
CBD130CA	10.8	105	\$1484	-	PACA20-8 (31102)	\$157	BD16.75A (9021670)	\$124				
CBD130DA	11.8	105	\$1510	-	PACA20-12 (31103)	\$173	Motor Kit 115/230V (94283)	\$196				
CBD130FA	17.1	105	\$1549	\$1516			Motor Kit 460V (94282)	\$196				
CBD150DA	10.2	120	\$1609	-	PACA23.75-8 (31107)	\$193	BD29A (9022900)	\$152				
CBD150FA	13.0	120	\$1649	\$1497	PACA23.75-12 (31108)	\$226	Motor Kit 115/230V (94283)	\$196				
CBD150HA	15.8	130	\$1699	\$1648			Motor Kit 460V (94282)	\$196				
CBD150JA	21.0	130	\$1767	\$1671								
CBD180DA	8.3	150	\$1992	-	PACA27-8 (31112)	\$219	BD23.75A (9022370)	\$187				
CBD180FA	10.2	150	\$2026	\$1987	PACA27-12 (31113)	\$257	Motor Kit 115/230V (94283)	\$196				
CBD180HA	12.5	160	\$2083	\$2026			Motor Kit 460V (94282)	\$196				
CBD180JA	13.9	160	\$2158	\$2051								
CBD180KA	19.2	180	\$2188	\$2063								
CBD180MA	24.0	190	\$2448	\$2290								
CBD200DA	7.0	155	\$2087	-	PACA27-8 (31112)	\$219	BD23.75A (9022370)	\$187				
CBD200FA	8.4	155	\$2136	\$2095	PACA27-12 (31113)	\$257	Motor Kit 115/230V (94283)	\$196				
CBD200HA	10.0	165	\$2195	\$2134			Motor Kit 460V (94282)	\$196				
CBD200JA	12.8	165	\$2275	\$2163								
CBD200KA	15.0	185	\$2414	\$2175								
CBD200MA	19.8	195	-	\$2407								
CBD245HA	11.0	185	\$2519	\$2455	PACA32-8 (31115)	\$259	BD37A (9023700)	\$228				
CBD245JA	13.0	185	\$2599	\$2482	PACA32-12 (31116)	\$305	Motor Kit 115/230V (94283)	\$196				
CBD245KA	14.8	205	\$2743	\$2494			Motor Kit 460V (94282)	\$196				
CBD245MA	17.7	215	-	\$2692								
CBD245OA	25.0	215	-	\$2756								
CBD300JA	8.3	315	\$3267	\$3135	PACA39-8 (31118)	\$315	BD44A (9024400)	\$284				
CBD300KA	10.7	335	\$3425	\$3153	PACA39-12 (31119)	\$371	Motor Kit 115/230V (94283)	\$196				
CBD300MA	12.6	345	-	\$3566			Motor Kit 460V (94282)	\$196				
CBD300OA	14.8	345	-	\$3712								
CBD300PA	21.0	380	-	\$3878								
CBD365JA	7.4	335	\$4604	\$4445	PACA43-8 (31121)	\$307	BD39.75A (9023970)	\$324				
CBD365KA	10.2	355	\$4794	\$4463	PACA43-12 (31122)	\$409	Motor Kit 115/230V (94283)	\$196				
CBD365MA	11.5	365	-	\$4494			Motor Kit 460V (94282)	\$196				
CBD365OA	14.9	365	-	\$5140								
CBD365PA	19.7	400	-	\$5339								

The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet fan sone levels. Sones are given for the highest value over catalog range.

CURB DIMENSIONS

Curb Cat. No.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.
PACA20	20"	24"	15"	BD16.75A
PACA23.75	23.75"	27.75"	18.75"	BD29A
PACA27	27"	31"	22"	BD23.75A
PACA32	32"	36"	27"	BD37A
PACA39	39"	43"	34"	BD44A
PACA43	43"	47"	38"	BD39.75A

NOTES:
 Pitched and Peaked Curbs available.
 For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
 For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
 Please specify Pitched or Peaked when ordering.



ACCESSORIES

EDP No.	Description	List
62000	Curb Hinge	\$104

BELT DRIVE CENTRIFUGAL UPBLAST EXHAUST FAN MODEL CBU



High Efficiency... Quiet Operation



FEATURES

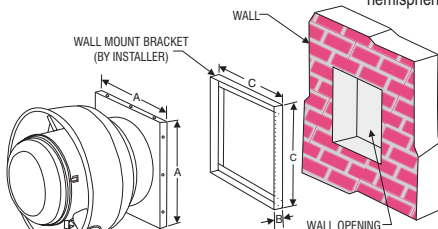
- Non-Overloading Backward Inclined Aluminum Wheel
- Suitable for Wall Mount up through CBU245MA
- Variable Pitch Motor Pulley Allows for Field Adjustment
- Emergency Disconnect Switch Standard
- AMCA Licensed for Sound and Air
- ETL Listed



Wheel Dia.	Use Column at right for last two digits of EDP No.	Cat. Number	HP	Fan RPM	Tip Speed	Max BHP	Capacity (CFM) at "S.P.								Sones @ .25" S.P.
							1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
13"	6613C	CBU130CA	1/4	1216	4377	0.28	1746	1652	1556	1294	-	-	-	-	13.8
	6613D	CBU130DA	1/3	1331	4791	0.37	1940	1861	1773	1580	1267	-	-	-	16.6
	6613F	CBU130FA	1/2	1535	5526	0.57	2278	2216	2145	1993	1820	1564	-	-	22
	6615D	CBU150DA	1/3	1069	4408	0.36	2445	2303	2154	1758	-	-	-	-	13.1
15"	6615F	CBU150FA	1/2	1225	5051	0.55	2866	2756	2632	2349	1989	-	-	-	15.3
	6615H	CBU150HA	3/4	1395	5752	0.81	3317	3228	3126	2908	2644	2334	1818	-	18
	6615J	CBU150JA	1	1529	6305	1.07	3669	3587	3506	3308	3104	2848	2560	-	23
	6618D	CBU180DA	1/3	805	3930	0.36	2739	2556	2361	1851	-	-	-	-	9
18"	6618F	CBU180FA	1/2	913	4457	0.53	3196	3037	2876	2527	-	-	-	-	11.7
	6618H	CBU180HA	3/4	1044	5097	0.79	3733	3603	3462	3174	2866	2421	-	-	15.3
	6618J	CBU180JA	1	1157	5649	1.08	4190	4075	3953	3699	3430	3151	2743	-	18.7
	6618K	CBU180KA	1-1/2	1319	6439	1.59	4837	4736	4635	4417	4194	3959	3714	3052	23
	6620D	CBU200DA	1/3	673	3635	0.36	3292	2992	2598	-	-	-	-	-	8.9
	6620F	CBU200FA	1/2	766	4173	0.53	3884	3643	3367	2599	-	-	-	-	12
20"	6620H	CBU200HA	3/4	875	4726	0.79	4527	4364	4143	3615	2889	-	-	-	14.2
	6620J	CBU200JA	1	968	5228	1.07	5067	4934	4762	4359	3821	3068	-	-	16.5
	6620K	CBU200KA	1-1/2	1100	5941	1.57	5826	5709	5593	5264	4894	4423	3871	-	21
	6624H	CBU245HA	3/4	659	4270	0.78	5445	5091	4716	3646	-	-	-	-	12.5
24"	6624J	CBU245JA	1	730	4730	1.06	6157	5857	5537	4782	-	-	-	-	15.4
	6624K	CBU245KA	1-1/2	831	5384	1.56	7147	6915	6636	6063	5357	4193	-	-	18.7
	6624M	CBU245MA	2	912	5909	2.07	7930	7718	7492	6980	6427	5743	4648	-	21
	6624Q	CBU245QA	3	1050	6804	3.15	9246	9066	8882	8471	8026	7554	6997	5267	27
	6624P	CBU245PA	5	1241	8041	5.21	11054	10900	10774	10434	10083	9707	9331	8456	37
	6630H	CBU300HA	3/4	458	3702	0.77	6445	5941	5388	-	-	-	-	-	9
30"	6630J	CBU300JA	1	507	4098	1.05	7305	6895	6419	5333	-	-	-	-	11.4
	6630K	CBU300KA	1-1/2	577	4664	1.55	8494	8184	7801	6949	5945	-	-	-	14.3
	6630M	CBU300MA	2	635	5133	2.06	9453	9189	8884	8147	7335	6377	-	-	16.6
	6630O	CBU300OA	3	731	5909	3.15	11016	10806	10573	10017	9362	8669	7887	-	21
	6630P	CBU300PA	5	864	6984	5.19	13153	12985	12409	11942	11400	10829	9582	-	27
	6636K	CBU365KA	1-1/2	429	4184	1.55	11593	10935	10138	-	-	-	-	-	12
36"	6636M	CBU365MA	2	470	4583	2.05	12917	12349	11716	9975	-	-	-	-	14.6
	6636Q	CBU365QA	3	542	5286	3.14	15195	14737	14236	13080	11483	-	-	-	18.3
	6636P	CBU365PA	5	640	6241	5.19	18234	17864	17474	16625	15644	14424	12824	-	25

CBU WALL MOUNTING DETAILS

Performance shown is for installation Type A: Free Inlet; Free Outlet. Power Ratings (BHP) do not include Drive Losses. Performance ratings do not include the effects of appurtenances in the air stream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet fan sone levels.

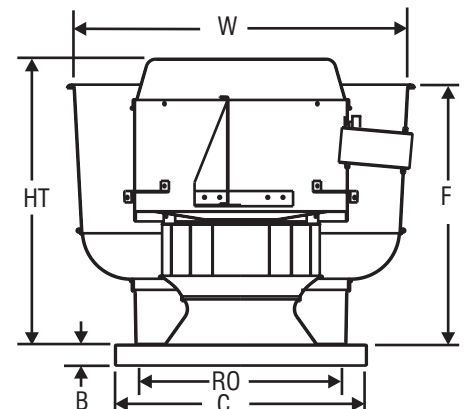


MODEL	A	B	WALL OPENING*
CBU130	21	20-1/2	17-3/8
CBU150	24-3/4	24-1/4	17-3/8
CBU180	28	27-1/2	17-3/8
CBU200	28	27-1/2	17-3/8
CBU245	33	32-1/2	20-3/8

*Wall opening is size required when using Airmaster D-V series wall mount dampers.

DIMENSIONS

Wheel Dia.	Catalog Number	Ht.	W	B	C	F	RO
13"	CBU130	25-1/2"	28-1/4"	1-1/2"	21"	23"	15"
15"	CBU150	28-1/4"	31-1/2"	2"	24-3/4"	23"	18.75"
18"	CBU180	31-1/2"	37-1/2"	2"	28"	26"	22"
20"	CBU200	31-1/2"	37-1/2"	2"	28"	26"	22"
24"	CBU240	37-1/2"	42"	1-1/2"	33"	31"	27"
30"	CBU300	39"	51-1/4"	2"	40"	33-1/8"	34"
36"	CBU360	42-1/2"	61-3/8"	2"	44"	45-1/4"	38"



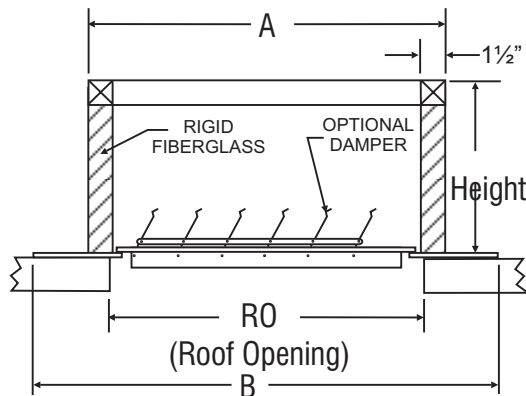
NOTE:
Instructions for Wall Mounting included with each fan.

Cat. Number	Ship Wt.	Ends in 09	Ends in 12	Optional Accessories								
		1 Phase	3 Phase	8" Curb (EDP#)			Damper / Gravity (EDP#)			Wall Mount Damper (EDP#)		
		Single Speed (ODP)	Single Speed (ODP)	12" Curb (EDP#)	Motorized Damper Kit (EDP#)		Wall Grille (EDP#)					
		115/230V	208/230/460V	18" High Ventilated Curb (EDP#)								
CBU130CA	120	\$1802	-	PACA20-8 (31102)	\$157	BD16.75A (9021670)	\$124	D17V (9111700)	\$113			
CBU130DA	120	\$1818	-	PACA20-12 (31103)	\$173	Motor Kit 115/230V (94283)	\$196	WG17 (9121700)	\$125			
CBU130FA	120	\$1827	\$1789	PACA20-18V (31104)	\$319	Motor Kit 460V (94282)	\$196					
CBU150DA	130	\$1899	-	PACA23.75-8 (31107)	\$193	BD29A (9022900)	\$152					
CBU150FA	130	\$1946	\$1906	PACA23.75-12 (31108)	\$226	Motor Kit 115/230V (94283)	\$196	D17V (9111700)	\$113			
CBU150HA	140	\$2005	\$1945	PACA23.75-18V (31109)	\$378	Motor Kit 460V (94282)	\$196	WG17 (9121700)	\$125			
CBU150JA	140	\$2085	\$1972									
CBU180DA	150	\$2338	-									
CBU180FA	150	\$2392	\$2346	PACA27-8 (31112)	\$219	BD23.75A (9022370)	\$187	D17V (9111700)	\$113			
CBU180HA	160	\$2459	\$2391	PACA27-12 (31113)	\$257	Motor Kit 115/230V (94283)	\$196	WG17 (9121700)	\$125			
CBU180JA	160	\$2549	\$2421	PACA27-18V (31114)	\$431	Motor Kit 460V (94282)	\$196					
CBU180KA	180	\$2583	\$2434									
CBU200DA	155	\$2465	-									
CBU200FA	155	\$2522	\$2473	PACA27-8 (31112)	\$219	BD23.75A (9022370)	\$187	D17V (9111700)	\$113			
CBU200HA	165	\$2591	\$2521	PACA27-12 (31113)	\$257	Motor Kit 115/230V (94283)	\$196	WG17 (9121700)	\$125			
CBU200JA	165	\$2686	\$2552	PACA27-18V (31114)	\$431	Motor Kit 460V (94282)	\$196					
CBU200KA	185	\$2850	\$2566									
CBU245HA	200	\$2972	\$2898									
CBU245JA	200	\$3068	\$2930	PACA32-8 (31115)	\$259	BD37A (9023700)	\$228					
CBU245KA	220	\$3237	\$2946	PACA32-12 (31116)	\$305	Motor Kit 115/230V (94283)	\$196	D20V (9112000)	\$128			
CBU245MA	230	-	\$3178	PACA32-18V (31117)	\$510	Motor Kit 460V (94282)	\$196	WG20 (9122000)	\$166			
CBU245OA	230	-	\$3251									
CBU245PA	270	-	\$3548									
CBU300HA	340	\$3749	\$3667									
CBU300JA	340	\$3856	\$3702	PACA39-8 (31118)	\$315	BD44A (9024400)	\$284					
CBU300KA	360	\$4044	\$3719	PACA39-12 (31119)	\$371	Motor Kit 115/230V (94283)	\$196	N/A				
CBU300MA	370	-	\$4210	PACA39-18V (31120)	\$622	Motor Kit 460V (94282)	\$196					
CBU300OA	370	-	\$4381									
CBU300PA	410	-	\$4578									
CBU365KA	500	\$5658	\$5267	PACA43-8 (31121)	\$307	BD39.75A (9023970)	\$324					
CBU365MA	510	-	\$5305	PACA43-12 (31122)	\$409	Motor Kit 115/230V (94283)	\$196	N/A				
CBU365OA	510	-	\$6065	PACA43-18V (31123)	\$685	Motor Kit 460V (94282)	\$196					
CBU365PA	550	-	\$6302									

Backdraft Damper not for use in kitchen exhaust applications.

CURB DIMENSIONS

Curb Cat. No.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.
PACA20	20"	24"	15"	BD16.75A
PACA23.75	23.75"	27.75"	18.75"	BD29A
PACA27	27"	31"	22"	BD23.75A
PACA32	32"	36"	27"	BD37A
PACA39	39"	43"	34"	BD44A
PACA43	43"	47"	38"	BD39.75A



ACCESSORIES

EDP No.	Description	List
62000	Curb Hinge	\$104
62002	Bird Screen	\$118
62003	Grease Box	\$118

NOTES:

Non-Vented Curbs Available. Consult factory.
 Pitched and Peaked Curbs available.
 For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
 For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
 Please specify Pitched or Peaked when ordering.

HIGH PRESSURE BELT DRIVE CENTRIFUGAL UPBLAST EXHAUST FAN MODEL CBU-HP



Designed for High Static Pressure Installations



FEATURES

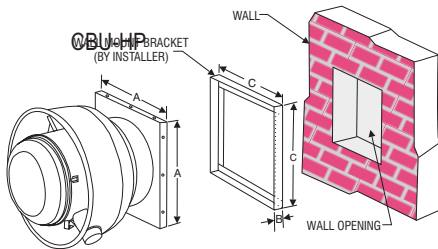
- Non-Overloading Backward Inclined Aluminum Wheel
- Variable Pitch Motor Pulley for Field Adjustments
- AMCA Licensed for Sound and Air
- Emergency Disconnect Switch Standard
- Suitable for Wall Mount up through CBU-HP245MA
- ETL Listed



Wheel Dia.	Use Column at right for last two digits of EDP No.	Cat. Number	HP	Fan RPM	Tip Speed	Max BHP	Capacity (CFM) at "S.P.								
							1/2"	3/4"	1"	1 1/2"	2"	2 1/4"	2 1/2"	2 3/4"	3"
							15"	6715D	1/3	1291	5323	0.36	1696	1511	1277
	6715F	1/2	1474	6078	0.53	2017	1883	1710	1218	-	-	-	-	-	
	6715H	3/4	1685	6948	0.81	2378	2261	2142	1836	1342	-	-	-	-	
	6715J	1	1855	7649	1.08	2666	2557	2450	2198	1885	1674	1344	-	-	
	6718F	1/2	1065	5228	0.54	2567	2297	1956	-	-	-	-	-	-	
	6718H	3/4	1214	5959	0.78	3056	2837	2590	1889	-	-	-	-	-	
	6718J	1	1343	6592	1.07	3451	3273	3073	2577	1727	-	-	-	-	
	6718K	1-1/2	1529	7505	1.58	4010	3873	3707	3339	2874	2579	2178	-	-	
	6718M	2	1686	8276	2.12	4476	4351	4224	3907	3539	3337	3103	-	-	
	6720H	3/4	1032	5606	0.79	3505	3235	2895	-	-	-	-	-	-	
	6720J	1	1144	6215	1.07	3998	3754	3490	2763	-	-	-	-	-	
	6720K	1-1/2	1303	7508	1.57	4671	4466	4252	3756	3049	2334	-	-	-	
	6720M	2	1430	7768	2.10	5195	5022	4826	4423	3915	3593	3176	2394	-	
	6720O	3	1636	8887	3.15	6035	5888	5732	5391	5029	4815	4600	4340	4048	
	6724H	3/4	774	5015	0.77	4177	3692	2988	-	-	-	-	-	-	
	6724J	1	856	5547	1.05	4780	4397	3916	-	-	-	-	-	-	
	6724K	1-1/2	975	6318	1.56	5627	5319	4969	4005	-	-	-	-	-	
	6724M	2	1073	6953	2.05	6304	6032	5743	5028	3887	2497	-	-	-	
	6724O	3	1235	8002	3.17	7402	7176	6937	6414	5770	5376	4879	4127	2751	
	6724P	5	1468	9512	5.30	8946	8767	8576	8174	7739	7498	7225	6944	6637	
	6730H	3/4	520	4203	0.78	5092	4160	-	-	-	-	-	-	-	
	6730J	1	575	4648	1.05	5918	5217	4179	-	-	-	-	-	-	
	6730K	1-1/2	656	5302	1.56	7060	6530	5883	-	-	-	-	-	-	
	6730M	2	719	5812	2.03	7910	7462	6940	5507	-	-	-	-	-	
	6730O	3	830	6709	3.14	9367	9010	8614	7672	6354	5040	-	-	-	
	6730P	5	983	7946	5.27	11324	11038	10734	10062	9264	8807	8285	7675	6834	

Performance shown is for installation Type A: Free Inlet; Free Outlet. Power Ratings (BHP) do not include Drive Losses. Performance ratings do not include the effects of appurtenances in the air stream. Instructions for wall mounting included with each fan.

WALL MOUNTING DETAILS

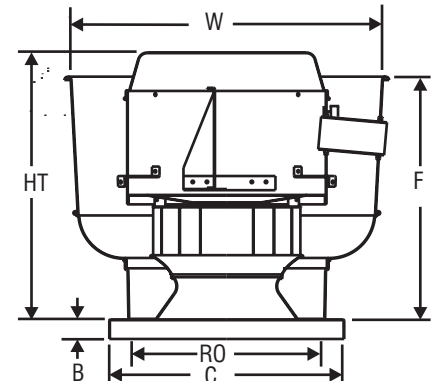


MODEL	A	B	WALL OPENING*
CBU-HP150	26	25-1/2	17-3/8
CBU-HP180	28	27-1/2	17-3/8
CBU-HP200	28	27-1/2	17-3/8
CBU-HP245	33	32-1/2	20-3/8

*Wall opening is size required when using Airmaster D-V series wall mount dampers.

DIMENSIONS

Wheel Dia.	Catalog Number	Ht.	W	B	C	F	RO
15"	CBU-HP150	28-1/4"	31-1/2"	2"	26"	24-3/4"	18.75"
18"	CBU-HP180	31-1/2"	37-1/2"	2"	28"	26"	22"
20"	CBU-HP200	31-1/2"	37-1/2"	2"	28"	26"	22"
24"	CBU-HP245	37-1/2"	42"	1-1/2"	33"	31"	27"
30"	CBU-HP300	39"	51-1/4"	2"	40"	33-1/8"	34"

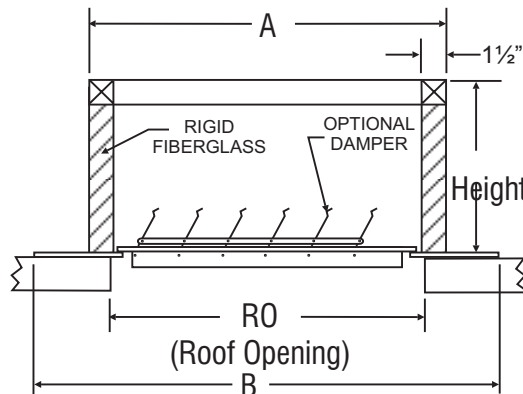


Cat. Number	Max Sones	Ship Wt.	Ends in 09		Ends in 12		Optional Accessories					
			1 Sp / 1 Ph 115/230V	1 Sp / 3 Ph 208/230/460V	8" Curb (EDP#)	12" Curb (EDP#)	18" High Ventilated Curb (EDP#)	Gravity Damper (EDP#)	Motorized Damper Kit (EDP#)	Wall Mount Damper (EDP#)		Wall Grille (EDP#)
CBU-HP150DA	12.3	130	\$2045	-	PACA23.75-8 (31107)	\$193	BD29A (9022900)	\$152				
CBU-HP150FA	15.9	130	\$2095	\$2053	PACA23.75-12 (31108)	\$226	Motor Kit 115/230V (94283)	\$196	D17V (9111700)	\$113		
CBU-HP150HA	20.0	140	\$2159	\$2095	PACA23.75-18V (31109)	\$378	Motor Kit 460V (94282)	\$196	WG17 (9121700)	\$125		
CBU-HP150JA	23.0	140	\$2246	\$2125								
CBU-HP180FA	10.3	150	\$2578	\$2527								
CBU-HP180HA	13.4	160	\$2649	\$2574	PACA27-8 (31112)	\$219	BD23.75A (9022370)	\$187	D17V (9111700)	\$113		
CBU-HP180JA	16.3	160	\$2747	\$2607	PACA27-12 (31113)	\$257	Motor Kit 115/230V (94283)	\$196	WG17 (9121700)	\$125		
CBU-HP180KA	22.0	180	\$2781	\$2622	PACA27-18V (31114)	\$431	Motor Kit 460V (94282)	\$196				
CBU-HP180MA	26.0	190	\$3112	\$2911								
CBU-HP200HA	13.1	165	\$2792	\$2715								
CBU-HP200JA	16.2	165	\$2893	\$2747	PACA27-8 (31112)	\$219	BD23.75A (9022370)	\$187	D17V (9111700)	\$113		
CBU-HP200KA	21.0	185	\$3070	\$3038	PACA27-12 (31113)	\$257	Motor Kit 115/230V (94283)	\$196	WG17 (9121700)	\$125		
CBU-HP200MA	25.0	195	\$3269	\$3060	PACA27-18V (31114)	\$431	Motor Kit 460V (94282)	\$196				
CBU-HP200OA	30.0	195	\$3979	\$3587								
CBU-HP245HA	12.4	210	\$3200	\$3120								
CBU-HP245JA	14.8	210	\$3306	\$3155	PACA32-8 (31115)	\$259	BD37A (9023700)	\$228				
CBU-HP245KA	17.1	230	\$3486	\$3170	PACA32-12 (31116)	\$305	Motor Kit 115/230V (94283)	\$196	D20V (9112000)	\$128		
CBU-HP245MA	21.0	240	\$4129	\$3423	PACA32-18V (31117)	\$510	Motor Kit 460V (94282)	\$196	WG20 (9122000)	\$166		
CBU-HP245OA	27.0	240	\$4514	\$3502								
CBU-HP245PA	38.0	280	-	\$3820								
CBU-HP300HA	10.0	350	\$4038	\$3950								
CBU-HP300JA	12.6	350	\$4418	\$3987	PACA39-8 (31118)	\$315	BD44A (9024400)	\$284				
CBU-HP300KA	15.6	370	\$4355	\$4006	PACA39-12 (31119)	\$371	Motor Kit 115/230V (94283)	\$196				
CBU-HP300MA	18.0	380	\$4734	\$4535	PACA39-18V (31120)	\$622	Motor Kit 460V (94282)	\$196				
CBU-HP300OA	22.0	380	\$5195	\$4718								
CBU-HP300PA	29.0	420	-	\$4930								

The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet fan sone levels. Sones are given for the highest value over catalog range. Backdraft Damper not for use in kitchen exhaust applications.

CURB DIMENSIONS

Curb Cat. No.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.
PACA23.75	23.75"	27.75"	18.75"	BD29A
PACA27	27"	31"	22"	BD23.75A
PACA32	32"	36"	27"	BD37A
PACA39	39"	43"	34"	BD44A



ACCESSORIES

EDP No.	Description	List
62000	Curb Hinge	\$104
62002	Bird Screen	\$118
62003	Grease Box	\$118

NOTES:
 Non-Vented Curbs Available. Consult factory.
 Pitched and Peaked Curbs available.
 For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
 For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
 Please specify Pitched or Peaked when ordering.

DIRECT DRIVE CENTRIFUGAL UPBLAST/WALL FAN MODEL CDU



Roof and Wall Mount Versatility

FEATURES

- High Vertical Discharge - Prevents Recirculation
- Emergency Disconnect Switch Standard
- Non-Overloading, Backward Inclined Wheel
- Variable Speed Control Standard
- Rubber Vibration Isolators for Quiet Operation
- Compact Size for Easy Installation
- ETL Listed

PERFORMANCE

Catalog Number	Speed	HP	RPM	Tip Speed	Capacity (CFM) at "S.P.								
					0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
*CDU100-2	High	1/15	1600	3770	547	417	363	310	256	193			
	Low		1400	3299	452	388	335	254	210	169			
CDU120-2	High	1/15	1500	4123	753	687	611	538	451	327	185		
	Low		1100	3024	422	354	283	208	130				
CDU250B-2	High	1/4	1150	3538	900	831	751	650	540	233			
	Low		1000	3076	785	666	519	389	234				
CDU300B-2	High	1/3	1725	5153	1342	1296	1242	1182	1124	1056	994	843	637
	Low		1625	4999	1281	1229	1165	1105	1035	970	888	700	298
CDU500B-2	High	1/2	1670	6012	2181	2116	2052	1987	1922	1865	1786	1615	1418
	Low		1450	5220	1934	1856	1779	1694	1604	1516	1402	1163	909

*CDU100-2 UL 705 Listed.

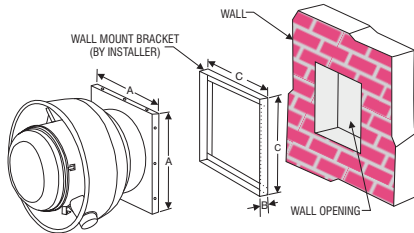
Variable speed control allows for 50% range of stated CFM. Speed control can be wired for low or high speed. Performance shown is for installation Type A; Free Inlet, Free Outlet. Performance includes effect of bird screen in the airstream. Speed (RPM) shown is nominal and performance is based on actual speed of test.



115V MODELS & OPTIONAL CURBS

Wheel Dia.	EDP Number	Catalog Number	Ship Wt.	ODP 2 Speed 1 Phase 115V	8" Curb (EDP #) 12" Curb (EDP #)	Roof Mount Gravity Damper (EDP #) Motorized Damper (EDP#)
9"	6410XB15	CDU100-2	30	\$826	PACA17.75-8 (31100) \$139	BD14.5A (9021450) \$107
					PACA17.75-12 (31101) \$155	Motor Kit 115/230V (94283) \$196
10-1/2"	6412XB15	CDU120-2	40	\$863	PACA17.75-8 (31100) \$139	BD14.5A (9021450) \$107
					PACA17.75-12 (31101) \$155	Motor Kit 115/230V (94283) \$196
11-3/4"	6425CB15	CDU250B-2	50	\$1329	PACA20-8 (31102) \$157	BD16.75A (9021670) \$124
					PACA20-12 (31103) \$173	Motor Kit 115/230V (94283) \$196
11-3/4"	6430DB15	CDU300B-2	50	\$1849	PACA20-8 (31102) \$157	BD16.75A (9021670) \$124
					PACA20-12 (31103) \$173	Motor Kit 115/230V (94283) \$196
13-3/4"	6450FB15	CDU500B-2	55	\$2024	PACA20-8 (31102) \$157	BD16.75A (9021670) \$124
					PACA20-12 (31103) \$173	Motor Kit 115/230V (94283) \$196

CDU WALL MOUNTING DETAILS



MODEL	A	B	WALL OPENING*
CDU100-2	19	18-1/2"	15-3/8"
CDU120-2	19	18-1/2"	15-3/8"
CDU250B-2	21	20-1/2"	17-3/8"
CDU300B-2	21	20-1/2"	17-3/8"
CDU500B-2	21	20-1/2"	17-3/8"

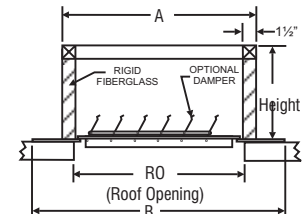
*Wall opening is size required when using Airmaster D-V series wall mount dampers.

OPTIONAL ACCESSORIES

EDP Number	Catalog Number	Wall Mount Damper (EDP #)	Wall Grille (EDP #)
6410XB15	CDU100-2	D15V (9111500) \$95	WG15 (9121500) \$101
6412XB15	CDU120-2	D15V (9111500) \$95	WG15 (9121500) \$101
6425CB15	CDU250B-2	D17V (9111700) \$113	WG17 (9121700) \$125
6430DB15	CDU300B-2	D17V (9111700) \$113	WG17 (9121700) \$125
6450FB15	CDU500B-2	D17V (9111700) \$113	WG17 (9121700) \$125

ACCESSORIES

EDP No.	Description	List
62000	Curb Hinge	\$104
62001	Bird Screen - for CDU 100 - 120	\$118
62002	Bird Screen - for CDU 250 - 500	\$118
62003	Grease Box	\$118



DIMENSIONS

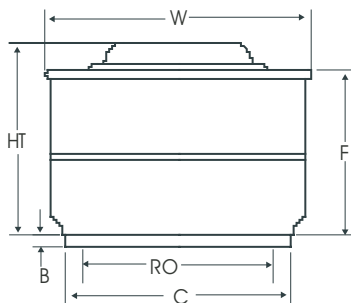
Wheel Dia.	Catalog Number	Ht	W	B	C	F	RO
9"	CDU100-2	13-1/3"	19-3/4"	1-1/2"	19"	9-3/4"	12-3/4"
10-1/2"	CDU120-2	15-1/2"	24"	1-1/2"	19"	11-5/8"	12-3/4"
11-3/4"	CDU250B-2	23"	26"	1-1/2"	21"	20-1/2"	16"
11-3/4"	CDU300B-2	23"	26"	1-1/2"	21"	20-1/2"	16"
13-3/4"	CDU500B-2	23"	26"	1-1/2"	21"	20-1/2"	16"

NOTES:

Pitched and Peaked Curbs available. For Pitched Roof Curb price, multiply flat roof curb price by 1.67. For Peaked Roof Curb price, multiply flat roof curb price by 2.22. Please specify Pitched or Peaked when ordering.

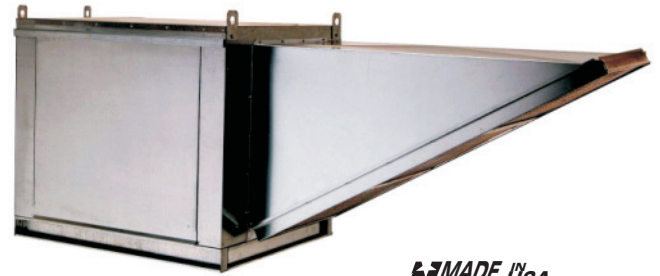
CURB DIMENSIONS

Curb Cat. No.	A Sq.	B Sq.	Roof Open	Damper Cat. No.
PACA17.75	17-3/4"	23-3/4"	12-3/4"	BD14.5A
PACA20	20"	24"	15"	BD16.75A



FEATURES

- 2" Washable Filters
- Blower is Isolated from the Cabinet
- Variable Pitch Motor Pulley
- Double Inlet Centrifugal Blower
- Galvanized Steel Cabinet
- Easy to Install

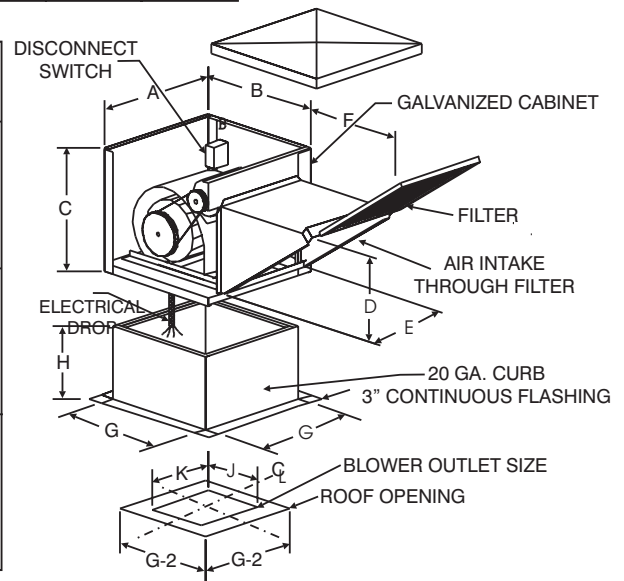


PERFORMANCE

Catalog Number	CFM	FPM	0.000" RPM/BHP	0.125" RPM/BHP	0.250" RPM/BHP	0.375" RPM/BHP	0.500" RPM/BHP	0.625" RPM/BHP	0.750" RPM/BHP	0.875" RPM/BHP	1.000" RPM/BHP
CAS100	500	482	156/0.01	351/0.02	500/0.05						
CAS100	1000	964	279/0.04	400/0.07	509/0.10						
CAS100	1500	1446	410/0.13	495/0.17	580/0.21	606/0.13	702/0.18	788/0.22	865/0.27	936/0.32	1000/0.37
CAS100	200	1929	543/0.29	606/0.35	675/0.41	740/0.47	801/0.52	859/0.58	915/0.65	968/0.71	1019/0.78
CAS100	2500	2411	677/0.57	726/0.64	782/0.71	837/0.79	890/0.86	940/0.93	989/1.00	1037/1.08	1083/1.15
CAS120	1500	1028	263/0.07	350/0.10	445/0.14	527/0.18	602/0.22	671/0.27			
CAS120	2000	1371	348/0.16	406/0.19	484/0.24	556/0.29	622/0.35	684/0.40	742/0.46	796/0.52	849/0.58
CAS120	2500	1714	433/0.30	476/0.35	543/0.40	598/0.46	657/0.52	712/0.59	765/0.66	815/0.73	864/0.80
CAS120	3000	2057	519/0.52	553/0.58	597/0.64	648/0.70	701/0.77	751/0.84	799/0.92	846/1.01	890/1.09
CAS120	3500	2400	605/0.82	633/0.89	668/0.96	708/1.03	752/1.11	798/1.18	842/1.27	885/1.36	926/1.45
CAS120	4000	2743	691/1.23	715/1.30	744/1.38	776/1.47	812/1.55	850/1.64	891/1.72	931/1.81	969/1.91
CAS120	4500	3086	777/1.74	798/1.83	823/1.92	850/2.02	880/2.11	912/2.20	945/2.30	981/2.39	1017/2.49
CAS150	2000	974	228/0.09	307/0.14	383/0.20	452/0.27	515/0.35				
CAS150	2500	1217	282/0.18	346/0.24	411/0.31	471/0.38	528/0.47	582/0.56	632/0.66		
CAS150	3000	1461	336/0.31	391/0.38	447/0.46	500/0.54	550/0.63	599/0.73	645/0.84	690/0.95	732/1.06
CAS150	3500	1704	390/0.48	438/0.56	487/0.66	534/0.75	579/0.85	623/0.95	665/1.07	707/1.18	746/1.31
CAS150	4000	1948	445/0.72	487/0.81	531/0.91	573/1.02	614/1.13	653/1.24	692/1.36	729/1.48	766/1.61
CAS150	4500	2191	500/1.02	537/1.13	577/1.24	615/1.36	652/1.48	688/1.60	724/1.73	758/1.86	792/1.99
CAS150	5000	2435	555/1.40	589/1.52	624/1.64	659/1.77	693/1.90	727/2.03	759/2.17	791/2.31	823/2.45
CAS150	5500	2678	610/1.87	641/1.99	673/2.13	705/2.26	737/2.41	768/2.55	798/2.70	828/2.85	857/3.00
CAS150	6000	2922	665/2.42	693/2.55	723/2.70	753/2.85	782/3.01	811/3.16	839/3.32	867/3.48	894/3.64



Wheel Dia.	EDP Number	Ends In	Catalog Number	HP	Ship Wt.	09		12		8" Curb (EDP#) List
						1 SP/1 PH 115/208/230V	1 SP/3 PH 208/230/460V			
10"	6110D	□□	CAS100DA	1/3	199	\$1916	-			PAC22.5 (90122) \$181
	6110F	□□	CAS100FA	1/2	202	\$1925	\$1837			
	6110H	□□	CAS100HA	3/4	211	\$1937	\$1879			
	6110J	□□	CAS100JA	1	212	\$2016	\$1919			
	6110K	□□	CAS100KA	1-1/2	220	\$1765	\$1682			
	6110M	□□	CAS100MA	2	224	-	\$1717			
12"	6112F	□□	CAS120FA	1/2	277	\$2312	\$2282			PAC33 (9013308) \$264
	6112H	□□	CAS120HA	3/4	286	\$2377	\$2322			
	6112J	□□	CAS120JA	1	287	\$2467	\$2364			
	6112K	□□	CAS120KA	1-1/2	295	\$2513	\$2413			
	6112M	□□	CAS120MA	2	299	\$2627	\$2423			
	6112O	□□	CAS120OA	3	315	\$2685	\$2510			
15"	6115H	□□	CAS150HA	3/4	351	\$2612	\$2467			PAC33 (9013308) \$264
	6115J	□□	CAS150JA	1	352	\$2670	\$2496			
	6115K	□□	CAS150KA	1-1/2	360	\$2715	\$2539			
	6115M	□□	CAS150MA	2	364	\$2759	\$2539			
	6115O	□□	CAS150OA	3	380	\$2817	\$2633			
	6115P	□□	CAS150PA	5	390	\$2875	\$2718			



DIMENSIONS

Wheel Dia.	Catalog Number	A	B	C	D	E	F	G	H	J	K	Filter Qty.	Filter Size	Wt.
10"	CAS100	26"	32"	28"	20"	20"	26"	23"	8"	11-3/4"	13-1/2"	2	16" x 20"	175
12"	CAS120	36"	40"	35"	28-1/2"	25"	29"	32-1/2"	8"	13-3/4"	15-7/8"	2	20" x 25"	275
15"	CAS150	36"	40"	35"	28-1/2"	25"	53-3/4"	32-1/2"	8"	16-1/8"	18-7/8"	3	20" x 25"	315

Consult factory for Horizontal Discharge.

NOTE:

Price includes intake hood.
 Pitched and Peaked Curbs available.
 For Pitched Roof Curb price, multiply flat roof curb price by 1.67.
 For Peaked Roof Curb price, multiply flat roof curb price by 2.22.
 Please specify Pitched or Peaked when ordering.

DIRECT DRIVE PROPELLER ROOFTOP EXHAUST FAN MODEL ARD



FEATURES

- Wall or Roof Mount
- Spun Aluminum Housing
- Bird Screen
- Integral Vibration Isolators
- Aluminum Bladed Propellers

PERFORMANCE

Catalog Number	HP	RPM	Max BHP	Capacity (CFM) at "S.P.							
				0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"
ARD100	1/30	1500	87*	469	380	240	-	-	-	-	-
ARD120	1/10	1500	222*	862	700	510	345	-	-	-	-
ARD140	1/6	1100	194*	1465	1220	940	780	500	410	220	-
ARD180	1/3	1100	0.39	2567	2350	2060	1830	1640	1310	1060	570

*Maximum watts

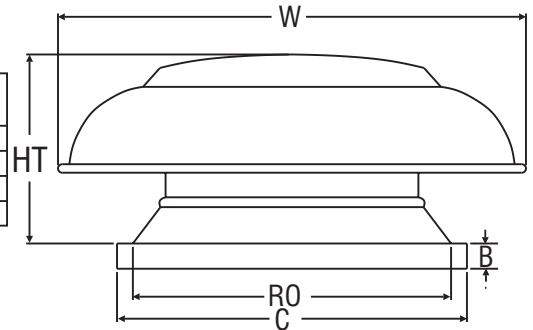


115V MODELS & OPTIONAL CURBS

Prop Dia.	EDP Number	Catalog Number	Ship Wt.	ODP 1 Speed 1 Phase 115V	8" Curb (EDP #) 12" Curb (EDP #)	Roof Mount Damper (EDP#)
10"	6910X03	ARD100XB	12	\$478	PACA17.75-8 (31100) \$139 PACA17.75-12 (31101) \$155	BD14.5A (9021450) \$107
12"	6912X03	ARD120XB	20	\$757	PACA17.75-8 (31100) \$139 PACA17.75-12 (31101) \$155	BD14.5A (9021450) \$107
14"	6914B03	ARD140BC	34	\$1003	PACA20-8 (31102) \$157 PACA20-12 (31103) \$173	BD16.75A (9021670) \$124
18"	6918D03	ARD180DC	46	\$1249	PACA25-8 (31110) \$202 PACA25-12 (31111) \$238	BD21.75A (9022170) \$171

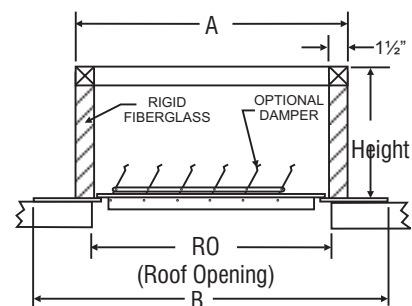
DIMENSIONS

Prop Dia.	Catalog Number	Ht	W	B	C	RO
10"	ARD100	9"	18"	1-1/2"	19"	12-3/4"
12"	ARD120	11"	21-1/2"	1-1/2"	19"	12-3/4"
14"	ARD140	14"	27"	1-1/2"	21"	15"
18"	ARD180	16"	34"	2"	26"	20"



CURB DIMENSIONS

Curb Cat. No.	A Sq.	B Sq.	Roof Opening	Damper Cat. No.
PACA17.75	17-3/4"	23-3/4"	12-3/4"	BD14.5A
PACA20	20"	24"	15"	BD16.75A
PACA25	25"	29"	20"	BD21.75A



NOTES:

Pitched and Peaked Curbs available.

For Pitched Roof Curb price, multiply flat roof curb price by 1.67.

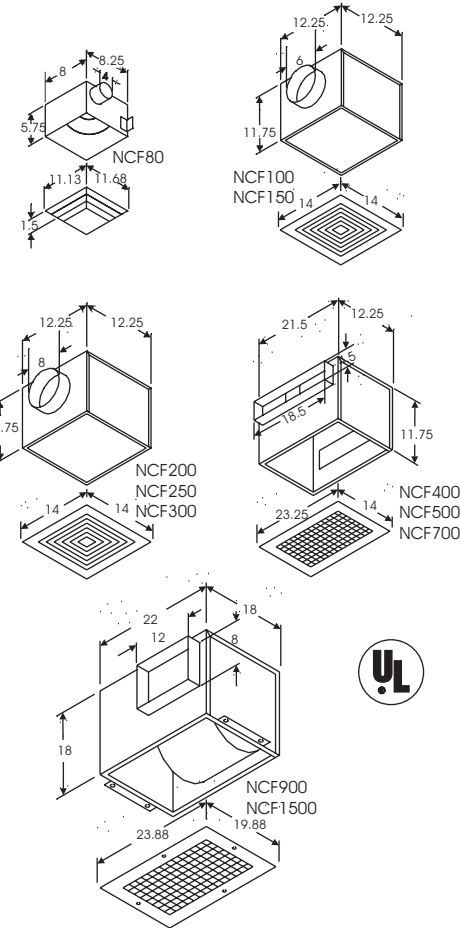
For Peaked Roof Curb price, multiply flat roof curb price by 2.22.

Please specify Pitched or Peaked when ordering.



FEATURES:

- Low RPM motors, mounted on resilient mounts
- Permanently lubricated motors for continuous operation
- Acoustic insulation inside rugged, heavy gauge galvanized steel housings
- UL Listed
- AMCA Licensed for Air and Sound
- NCF100 to NCF1500 field convertible to vertical discharge
- White, polymeric grille included
- 8 position mounting brackets for various mounting requirements
- Automatic backdraft damper located within duct connector
- Factory shipped in horizontal discharge position
- May be installed as an in-line ventilator with addition of in-line adapter



PRODUCT PERFORMANCE / PRICING

EDP#	Model #	Fan RPM	Capacity (CFM) at ".S.P.							F.A. Sones @ 5'	Ship Wt.	List Price
			0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"			
30100	NCF80	1280	89	87	77	59				3.9	8	\$176
30101	NCF100	640	136	109	93	80	65	12		3.2	22.8	\$329
30102	NCF150	710	181	157	141	132	124	94		4.6	23.1	\$350
30103	NCF200	740	231	210	196	186	177	144	51	5.3	23	\$415
30104	NCF250	830	272	259	250	242	233	201	99	5.8	23.1	\$447
30105	NCF300	905	312	308	303	296	287	254	125	5.6	23.3	\$464
30106	NCF400	735	480	434	388	344	299	182	33	5.6	33.8	\$740
30107	NCF500	810	538	514	491	463	434	339	186	6.4	33.8	\$806
30108	NCF700	960	722	701	667	640	607	534	333	7.2	33.9	\$852
30109	NCF900	650	918	901	877	842	793	636	390	5.3	64.2	\$1002
30110	NCF1500	955	1578	1513	1438	1371	1285	1103	816	5.8	64.3	\$1220

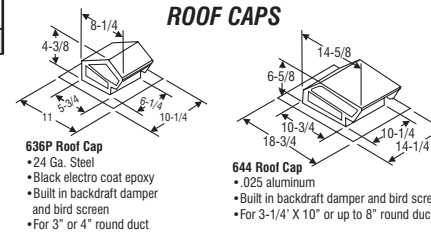
Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) is nominal. Performance is based on actual speed of test. Performance shown is for Installation Type B: Free inlet, Ducted outlet. The sound ratings shown are loudest catalogued value in fan sones at 5' (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for Installation Type B: Free inlet fan sone levels.

ACCESSORIES

Roof Caps	Model #	Used On	List Price	Wall Caps	Model #	Used On	List Price	Speed Controls	Model #	Used On	List Price
30122	636P	NCF80	\$47	30117	641	NCF100, 150	\$151	24855	485210	NCF80 - 1500	\$42
30115	644	NCF100-300	\$88	30118	643	NCF200 - 400	\$120				
30116	612	NCF400 - 1500	\$195	30119	613	NCF500 - 1500	\$129				

ACCESSORIES

ROOF CAPS



INLINE ADAPTERS

EDP#	Model #	Used On	List Price
30111	961L	NCF100, NCF150	\$43
30112	981L	NCF200, NCF250, NCF300	\$43
30113	982L	NCF400, NCF500, NCF700	\$61
30114	983L	NCF900, NCF1500	\$68

RADIATION DAMPERS

EDP#	Model #	Used On	List Price
30130	RD1	NCF100 - NCF300	\$289
30131	RD2	NCF400 - NCF700	\$306
30132	RD3	NCF900 - NCF1500	\$382

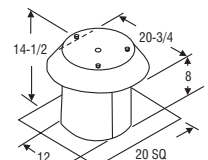
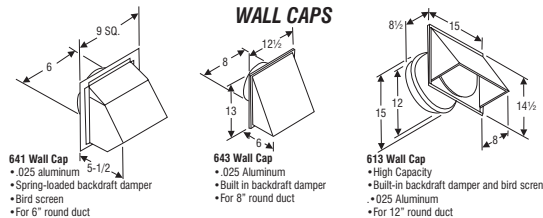
VIBRATION ISOLATORS

EDP#	Model #	Used On	List Price / Set
30123	V104	NCF100 - NCF1500 1 Set Required (4 pieces)	\$144

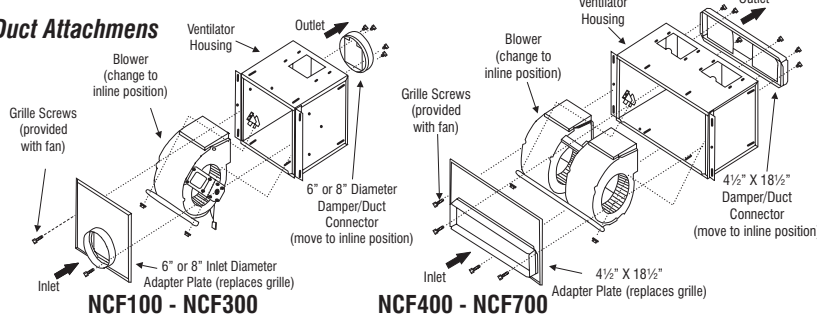
OPTIONAL METAL GRILL

EDP#	Model #	Used On	List Price
30133	MG1	NCF100 - NCF300	\$67

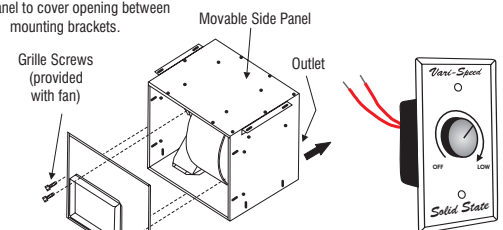
WALL CAPS



Duct Attachments



NOTE: Rotate housing 90° and move side panel to cover opening between mounting brackets.



MODEL TBP

FEATURES

- External Rotor Motor for Compact Design
- High Efficiency, Non-Overloading Backward Curve Wheel
- Dynamically Balanced Wheel for Low Noise / Vibration
- Die Cast Aluminum Motor Body allows for Heat Dissipation, 100% Speed Controllable, Long Motor Life
- UL Listed
- 5 Year Warranty

- Permanent Lube Ball Bearings for Maintenance Free/Smooth Operation
- NEMA Class B Motor Insulation - Industrial Quality Construction
- Thermal Overload Motor Protection for Safety
- Suitable for Indoor/Outdoor Use
- May Be Mounted at Any Angle



PERFORMANCE / PRICING

EDP No.	Model No.	Min./Max. Watts @115V	Capacity (CFM) @ "S.P							Duct Dia.	Wt. (lbs.)	List
			0	0.2	0.4	0.6	0.8	1.0	1.5			
23150	TBP-4	58-75	168	150	135	119	097	73	15	4"	8.8	\$235
23151	TBP-6	58-82	260	227	197	162	135	98	19	6"	8.8	\$250
23152	TBP-8	105-150	547	500	450	385	312	270	195	8"	11	\$338
23153	TBP-10	140-180	664	624	582	534	478	417	292	10"	13.2	\$454

TURBO FAN APPLICATIONS

	Residential	Commercial	Industrial
• Bathroom Exhaust	X	X	X
• Locker Room Exhaust		X	X
• Kitchen Exhaust (not over range hood)	X		
• Clothes Dryer Exhaust	X	X	
• Primary Exhaust Fan	X	X	X
• Duct Booster	X	X	X
• Warm Air Transfer	X	X	X
• General Ventilation	X	X	X
• Conference Room Exhaust		X	
• Smoke Areas	X	X	X
• Cafeteria Exhaust		X	
• Humidity & Moisture Removal	X	X	X
• Equipment Cooling		X	X
• Make Up Air	X	X	X
• Welding Fume Removal			X
• Spot Ventilation	X	X	X
• Booster Fan	X	X	X

FAN ACCESSORY TURBO KITS

EDP#	KIT#	INCLUDES:	Ship Wt.	List
23159	TBK-4	(1) 4" Vent, (1) 4" Damper, (3) Duct Ties	2.0	\$30
23160	TBK-6	(1) 6" Vent, (1) 6" Damper, (3) Duct Ties	2.2	\$31
23161	TBK-6D	(2) 4" Vents, (1) 6" Damper, (1) Tee - 6x4x4, (7) Duct Ties	3.7	\$77
23162	TBK-8D	(2) 6" Vents, (1) 8" Damper, (1) Tee - 8x6x6 (7) Duct Ties	5.0	\$89

TURBO Kits do not include the TURBO fan. Duct work not provided.

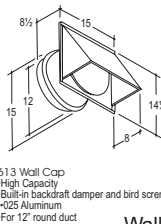
TURBO FAN ACCESSORIES

EDP#	Model#		Ship Wt.	List
23201	PS-DB	Pressure Sensing Switch Kit	1.5	\$134
23168	DT-6	6" x 4" x 4" Duct Tee	2.5	\$31
23169	DT-8	8" x 6" x 6" Duct Tee	3.0	\$33
23173P	DT-10	10" x 8" x 8" Duct Tee	3.5	\$37
24855	485210	Variable Speed Controller, 1 Phase, 5 amp speed control for accurate airflow control.	1.0	\$41
23163	DF-4	4" Diffuser Vent.	0.8	\$18
23164	DF-6	6" Diffuser Vent.	1.0	\$21
23170	DF-8	8" Diffuser Vent.	1.4	\$33
23165	BD-4	4" Backdraft Damper.	0.8	\$12
23166	BD-6	6" Backdraft Damper.	1.0	\$16
23171	BD-8	8" Backdraft Damper.	1.2	\$27
23172	BD-10	10" Backdraft Damper.	1.4	\$41
30118	643	Wall Cap - Use with up to 8" round duct.*	3.0	\$120
30119	613	Wall Cap - Use with up to 12" round duct.**	2.0	\$129
30115	644	Roof Cap - Use with up to 8" round duct.	10	\$88
30116	612	Roof Cap - Use with up to 12" round duct.	6	\$195

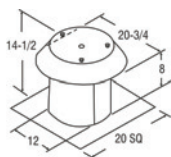
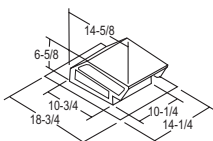
*Adapter supplied by installer for duct smaller than 8".
** Adapter supplied by installer for duct smaller than 12".

See page 58 for Turbo Fan product applications.

ACCESSORIES



Wall Caps

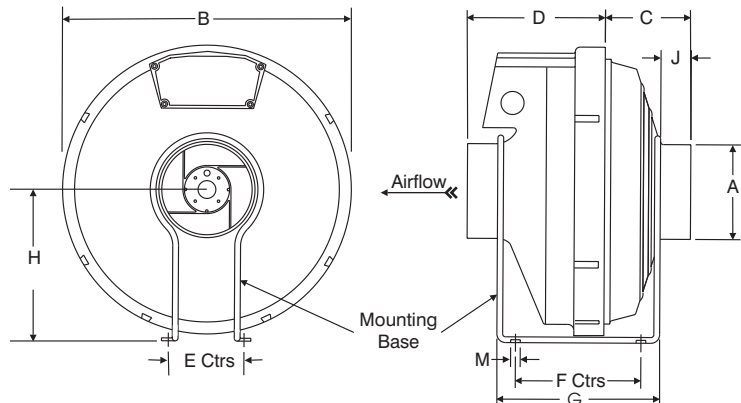


Roof Caps



DIMENSIONS

Model No.	A	B	C	D	E	F	G	H	J	K	L	M
TBP-4	3.94"	12.01"	3.58"	5.7"	3.15"	5.12"	6.30"	6.30"	1.26"	.12"	.57"	.55"
TBP-6	5.91"	12.01"	3.58"	5.7"	3.15"	5.12"	6.30"	6.30"	1.26"	.12"	.57"	.55"
TBP-8	7.87"	13.86"	3.74"	5.83"	4.33"	5.31"	6.50"	7.01"	1.26"	.12"	.57"	.55"
TBP-10	9.84"	13.86"	3.46"	6.22"	4.33"	5.90"	7.01"	7.01"	1.26"	.12"	.57"	.55"



TURBO FAN includes mounting base and 2 duct ties.

Quietest Whole House Fan Ever Made

FEATURES

- Compliments Air Conditioning
- Complete Household Ventilation From One Fan
- Horizontal or Vertical Installation
- Two Speed Switch Included
- Efficient Removal of Large Volumes of Air
- Whisper Quiet, Spring Floating Action
- Safety Fuse Cut Off Switch Turns Off Power to Fan When Air Temperature Reaches 165°

PERFORMANCE

Prop Dia.	0" S.P.	1/10" S.P.	Fan RPM	Dimensions L x W x D (Inches)	Ship Wt.
24"	5100/3400	4100/2800	600/400	27-1/2 x 27-1/2 x 16	63
30"	7400/4900	5800/3900	480/320	34-1/2 x 34-1/2 x 16	75
36"	9750/6500	7500/5050	400/265	40-1/2 x 40-1/2 x 16-1/8	89



115V, 2 SPEED SEMI-ENCLOSED MOTOR SWITCHES

Prop Dia.	EDP Number	Catalog Number	HP	List Price
24"	2724D15	HVB24T	1/3	\$1132
30"	2730D15	HVB30T	1/3	\$1191
36"	2736D15	HVB36T	1/3	\$1378

Accessory Package containing springs, canvas boot, hangers hardware included in price. Safety fuse cut off switch turns fan off in the event of fire, also included in price.

EDP Number	Catalog Number	Description	Temp. Range	List Price
24830	90015 (G1E1)	Time Switch	-	\$98
24820	T1	Temp. Switch (Wall Mt.)	45° - 85° F	\$158
90783	TS631	Temp. Switch (Attic Mt.)	70° - 140° F	\$155
90798	S1A1	Fuse Cut Off Switch	-	\$59

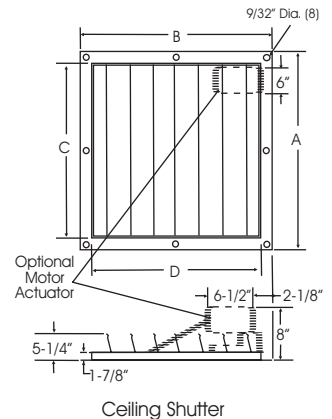
Note: The optional switches should not be used with voltages above 115 or motors over 3/4 HP.

OPTIONAL CEILING SHUTTERS CEILING SHUTTER DIMENSIONS

Prop Dia.	EDP Number	Catalog Number	List Price
24"	9142400	AS24A	\$162
30"	9143000	AS30A	\$207
36"	9143600	AS36A	\$238
36"	9143605	AS36R	\$261

Catalog Number	A	B	C	D	Framing	Ship Wt.
AS24A	25-1/2	25-1/2	23-1/4	23-1/4	23-1/2 x 23-1/2	13
AS30A	34-1/2	34-1/8	31-7/8	31-7/8	32-1/8 x 32-1/8	19
AS36A	38-1/2	38-1/2	36-1/4	36-1/4	36-1/2 x 36-1/2	24
AS36R	34-1/8	42-7/8	31-7/8	40-5/8	32-1/8 x 40-7/8	24

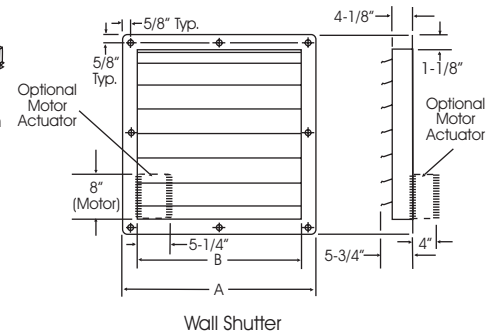
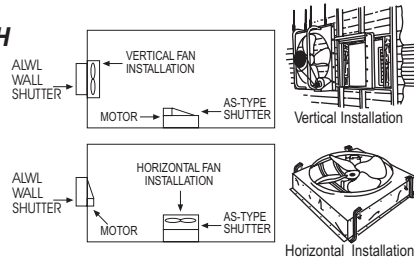
Note: The AS36R is rectangular to allow the HVB36 to be used in narrow hallways.



OPT. MOTOR CONVERSION KIT WITH SWITCH

Catalog Number	EDP Number	Used On	Volt	List Price
ASXP Kit	99794	AS24 - 36	115/230	\$226
A-LXP Kit 1	99790	ALWL 24, 30 & 36	115/230	\$235

Motorized kits include motor, linkage and switch to energize the louver and/or shutter motor.



OPTIONAL WALL SHUTTERS

Prop Dia.	EDP Number	Catalog Number	List Price
24"	9132400	ALWL24	\$179
30"	9133000	ALWL30	\$211
36"	9133600	ALWL36	\$331

Attach only to outside wall of house.

WALL SHUTTER DIMENSIONS

Catalog Number	A	B	C	Ship Wt.
ALWL24	27-1/4	24	24	11
ALWL30	33-1/4	30	30	17
ALWL36	39-1/4	36	36	20

FAN/ACCESSORY SIZING

Zone Number House Volume Cubic Feet			Prop Dia.	ALWL Wall Shutter Size	AS Ceiling Shutter Size
1	2	3			
4000	6000	8000	24	24	24
6000	9000	12000	30	30	30
7000	11000	15000	36	36	36†

Determine your house location on the map. Find the zone number for your area 1, 2, or 3 - denoted by the heavy lines on the map. Calculate your house volume. Find the zone number and the volume in chart. Your fan and accessory size is shown in the right hand column.
†Rectangular size AS36R available for narrow halls, see Ceiling Shutter Dimension chart.



INTAKE LOUVERS MODEL LE47 - FIXED



FEATURES

- Weather Resistant
- Available in Fixed or Adjustable Blades
- Bird Screen Standard
- Extremely Versatile - For Architectural Designs
- Many Options and Colors Available

Choosing the proper size LE47 or LE47A

1. Divide the required CFM by the maximum recommended free area velocity (822 FPM).
2. Select a louver from the free area chart that meets the minimum free area requirements.

EXAMPLE: 6000 CFM air flow

Step #1

$$\text{Min. Free Area} = \frac{\text{Design CFM}}{\text{Max Recommended Velocity}}$$

$$= \frac{6000}{822} = 7.299 \text{ Sq. Ft.}$$

Step #2

From the free area table the approximate louver size is 36" x 60" (7.47 Sq. Ft.).

LE47 FREE AREA IN SQUARE FEET

	WIDTH							
	12"	24"	36"	48"	60"	72"	84"	96"
12"	0.29	0.66	1.04	1.41	1.79	2.12	2.49	2.87
24"	0.69	1.59	2.49	3.40	4.30	5.08	5.98	6.88
36"	1.18	2.70	4.22	5.75	7.27	8.61	10.13	11.66
48"	1.68	3.85	6.03	8.21	10.38	12.29	14.47	16.64
60"	2.08	4.77	7.47	10.16	12.85	15.21	17.90	20.60
72"	2.57	5.90	9.24	12.57	15.91	18.82	22.16	25.49
84"	2.97	6.83	10.69	14.55	18.41	21.79	25.65	29.51
96"	3.46	7.94	12.42	16.91	21.39	25.31	29.80	34.28

Free area is the actual open area of the louver, approximately 45% of face area.

LE47 INTAKE LOUVER (Fixed Blade)



LE47's are special order items. Orders are non-cancellable and non-returnable.

FIXED LE47 LIST PRICE @ SIZE - ORDER LE47 (Width x Height)

Height	Width														
	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"
12"	\$195	\$227	\$260	\$290	\$321	\$376	\$410	\$452	\$486	\$566	\$596	\$633	\$663	\$700	\$730
18"	\$233	\$269	\$308	\$373	\$422	\$458	\$501	\$556	\$600	\$703	\$740	\$783	\$819	\$858	\$896
24"	\$269	\$312	\$385	\$438	\$489	\$535	\$590	\$651	\$700	\$817	\$862	\$908	\$959	\$1006	\$1052
30"	\$315	\$391	\$452	\$513	\$572	\$627	\$685	\$758	\$823	\$953	\$1006	\$1061	\$1119	\$1170	\$1225
36"	\$355	\$452	\$523	\$600	\$669	\$734	\$807	\$905	\$975	\$1134	\$1201	\$1269	\$1339	\$1406	\$1470
42"	\$422	\$505	\$586	\$667	\$740	\$817	\$905	\$1006	\$1089	\$1259	\$1336	\$1406	\$1486	\$1559	\$1647
48"	\$456	\$541	\$635	\$718	\$803	\$890	\$981	\$1097	\$1183	\$1375	\$1458	\$1541	\$1623	\$1703	\$1801
54"	\$507	\$602	\$700	\$789	\$886	\$972	\$1107	\$1235	\$1332	\$1513	\$1604	\$1697	\$1791	\$1880	\$1971
60"	\$538	\$641	\$746	\$846	\$947	\$1042	\$1156	\$1330	\$1434	\$1629	\$1727	\$1827	\$1932	\$2026	\$2127
66"	\$584	\$700	\$817	\$933	\$1048	\$1156	\$1278	\$1474	\$1592	\$1809	\$1920	\$2036	\$2152	\$2261	\$2381
72"	\$620	\$742	\$864	\$987	\$1113	\$1225	\$1360	\$1568	\$1693	\$1920	\$2044	\$2164	\$2286	\$2403	\$2525
78"	\$667	\$791	\$929	\$1054	\$1186	\$1308	\$1454	\$1675	\$1807	\$2042	\$2170	\$2302	\$2436	\$2567	\$2695
84"	\$709	\$844	\$990	\$1122	\$1263	\$1393	\$1549	\$1779	\$1920	\$2167	\$2298	\$2430	\$2601	\$2742	\$2876
90"	\$742	\$884	\$1034	\$1174	\$1324	\$1468	\$1626	\$1864	\$2014	\$2275	\$2417	\$2559	\$2748	\$2885	\$3029
96"	\$791	\$945	\$1109	\$1263	\$1424	\$1577	\$1754	\$2014	\$2176	\$2454	\$2610	\$2764	\$2971	\$3121	\$3279

OPTIONS FOR LE47 & LE47A

FINISHES FOR LE47 & LE47A LOUVERS		
FINISH	APPLY APPROPRIATE MULTIPLIER BELOW TO LIST PRICE	
	Model LE47	Model LE47A
Prime or Clear Lacquer	1.15	1.35
LouverGard Std. Colors†	1.25	1.45
Kynar™ Standard Colors (70% Kynar)	1.30	1.65
Anodize 204-R1 Etch & Clear .7 Mils	1.30	1.50
Anodize 215-R1 Etch & Clear .7 Mils	1.45	1.65
Anodize Light, Med. Dk. Bronze or Black, .7 Mils	1.65	1.85

OPTIONAL LOUVER SCREENS	
SCREEN TYPE	LIST/SQ. FT.
1/2" .063 aluminum screen	\$3.20
1/2" .047 aluminum screen	\$9.21
1/4" .047 aluminum screen	\$19.30
1/2" .041 galvanized screen	No Add
1/2" .063 galvanized screen	\$3.46
1/4" .041 galvanized screen	\$14.31
1/2" .047 stainless steel (304) screen	\$11.12
1/2" .063 stainless steel (304) screen	\$14.95
Aluminum insect screen	\$3.96
Galvanized insect screen	\$3.96
Stainless steel insect screen	\$6.39
Bronze insect screen	\$4.34
No screen DEDUCT	\$4.34

The standard screen included in the base price of all LE47 & LE47A louvers is 1/2" .051 expanded aluminum.

NOTES:

Add 10% for Angle (Flanged) Frames. Add \$21.67 per foot of width for Sill Extensions. Width and Height are wall opening sizes. Louvers are made 1/2" under size.

†Available LouverGard colors:
 Bone White
 Parchment Yellow
 Citation Gold
 Sierra White
 Alamo Tan
 Squirrel Brown
 IBM Blue
 Dove Gray
 Hartford Green
 Aged Copper
 Santa Fe Red
 Slate Gray
 Brick Red
 Medium Bronze
 Dark Bronze
 Coal Black
 Charcoal Black
 Sandstone
 Buckskin
 Terra Cotta

LouverGard is a durable gloss baked enamel for use in protecting interior and exterior metal surfaces. It is formulated to withstand the rigors of weathering and corrosion.

FEATURES

- Weather Resistant
- Available in Fixed or Adjustable Blades
- Bird Screen Standard
- Extremely Versatile - For Architectural Designs
- Many Options and Colors Available

Choosing the proper size LE47 or LE47A Free area is the actual open area of the louver, approximately 45% of face area.

1. Divide the required CFM by the maximum recommended free area velocity (822 FPM).
2. Select a louver from the free area chart that meets the minimum free area requirements.

EXAMPLE: 6000 CFM air flow

Step #1

Design CFM	_____
Min. Free Area=	Max Recommended Velocity
	= $\frac{6000}{822}$ = 7.299 Sq. Ft.

Step #2

From the free area table the approximate louver size is 48" x 54" (7.79 Sq. Ft.).

LE47A FREE AREA IN SQUARE FEET

	WIDTH					
	12"	24"	36"	48"	60"	
HEIGHT	12"	0.20	0.45	0.71	0.96	1.22
24"	0.59	1.35	2.11	2.87	3.63	
36"	1.11	2.56	4.01	5.45	6.90	
48"	1.56	3.57	5.59	7.01	9.05	
60"	1.97	4.53	7.08	9.64	12.20	
72"	2.36	5.43	8.49	11.55	14.62	
84"	2.74	6.30	9.86	13.41	16.97	
96"	3.31	7.61	11.91	16.20	20.50	



LE47A INTAKE LOUVER
(Adjustable Louver)
Shown with optional motor.

ADJUSTABLE LE47A LIST PRICE @ SIZE - ORDER LE47A (Width x Height)

Height	Width										Blades
	12"	18"	24"	30"	36"	42"	48"	54"	60"		
12"	\$266	\$296	\$330	\$363	\$397	\$456	\$492	\$572	\$605	1	
18"	\$333	\$373	\$418	\$486	\$541	\$584	\$627	\$740	\$785	2	
24"	\$394	\$440	\$523	\$578	\$635	\$688	\$746	\$868	\$920	3	
30"	\$464	\$547	\$614	\$681	\$749	\$807	\$872	\$1008	\$1076	4	
36"	\$523	\$623	\$700	\$777	\$856	\$923	\$1000	\$1162	\$1235	5	
42"	\$620	\$703	\$791	\$872	\$957	\$1034	\$1125	\$1299	\$1381	6	
48"	\$709	\$797	\$902	\$990	\$1091	\$1180	\$1278	\$1480	\$1574	8	
54"	\$785	\$884	\$990	\$1089	\$1201	\$1293	\$1403	\$1653	\$1754	9	
60"	\$837	\$951	\$1064	\$1170	\$1290	\$1393	\$1510	\$1782	\$1892	10	
66"	\$902	\$1018	\$1137	\$1253	\$1381	\$1488	\$1617	\$1908	\$2026	11	
72"	\$959	\$1081	\$1211	\$1336	\$1474	\$1590	\$1724	\$2032	\$2161	12	
78"	\$1036	\$1164	\$1314	\$1446	\$1596	\$1721	\$1874	\$2200	\$2342	13	
84"	\$1107	\$1245	\$1400	\$1541	\$1699	\$1834	\$1996	\$2338	\$2488	14	
90"	\$1195	\$1342	\$1507	\$1653	\$1827	\$1981	\$2149	\$2519	\$2677	16	
96"	\$1257	\$1412	\$1584	\$1742	\$1922	\$2078	\$2259	\$2647	\$2815	17	



LE47A's are special order items. Orders are non-cancellable and non-returnable.

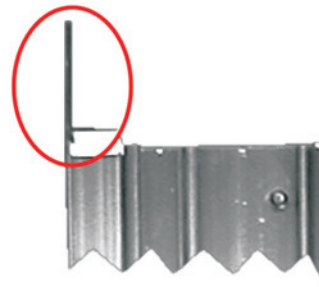
FOR MOTORIZED OR CHAIN PULL ACTUATOR LOUVERS, ORDER LE47A AND MOTOR OR CHAIN PULL ACTUATOR LISTED BELOW.

EDP NO.	ACTUATOR MODEL NUMBER	DESCRIPTION	VOLTAGE	LIST
81642	BCMA-405	115V Actuator	115V	\$890
81640	BCMA-305	24V Actuator	24V	\$973
81639	BCMA-419	230V Actuator	230V	\$1473
81637	MA6-405	115V Hazardous Location Actuator with Explosion Proof Motor & Linkage (no mtg. brackets included)	115V	\$2735
81645	Chain Actuator	Plated Steel Spring, 5' Chain, Wall Claw	-	\$140
81636	Panel Crank	Manual Hand Crank	-	\$375

See form #LE47 186 for performance, Construction and Dimensional details.
SELECT, SPECIFY AND ORDER LE47 (MANUAL) AND LE47A (MOTORIZED OR CHAIN PULL ACTUATOR) "WIDTH x HEIGHT".
Transformer for 3 phase available.

NOTES:

Add 10% for Angle (Flanged) Frames. Add \$21.67 per foot of width for Sill Extensions.
LE47A Only - Jackshifting to use a single panel actuator on multi-panel louvers - \$2.16 per inch of width.
Width and Height are wall opening sizes. Louvers are made 1/2" under size.

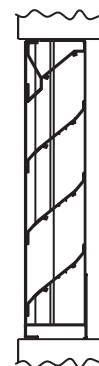


Optional Flange Frame



Standard Channel Frame

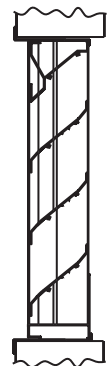
LE47 and LE47A



CHANNEL FRAME (STANDARD)



FLANGE FRAME (OPTIONAL)



EXTENDED SILL (OPTIONAL)



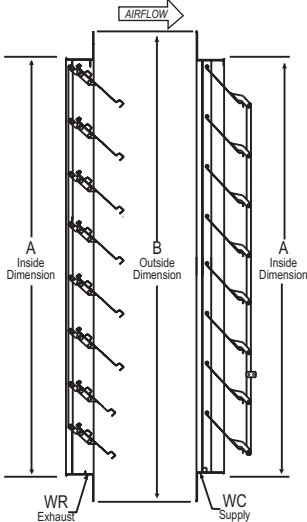
WRE & WC SHUTTERS

FEATURES

- Indoor / Outdoor, Wall / Ceiling Mounts
- Opens with Fan Pressure
- Gravity Closes When Fan is Turned Off

ALUMINUM EXHAUST & SUPPLY SHUTTERS

EDP Number	Catalog Number	For Fans Diameter	Type	Inside	Outside	Req. Open. (Sq. In.)	No. Holes 17/64" Dia.	Sections	Ship Wt.	List Price	Motor Kits
22753	WR9E	10"	EXHAUST	10" SQ.	13" SQ.	10 $\frac{3}{4}$ "	8	1	3	\$79	MK-4620
22750	WR10E	10"	EXHAUST	12" SQ.	15" SQ.	12 $\frac{3}{4}$ "	8	1	3	\$79	
22765	WR12E	12"	EXHAUST	14" SQ.	17" SQ.	14 $\frac{3}{4}$ "	8	1	4	\$85	
22775	WR16E	16"	EXHAUST	18" SQ.	21" SQ.	18 $\frac{3}{4}$ "	12	1	5	\$108	
22785	WR18E	18"	EXHAUST	20" SQ.	23" SQ.	20 $\frac{3}{4}$ "	12	1	5	\$115	
22795	WR24E	24"	EXHAUST	26" SQ.	29" SQ.	26 $\frac{3}{4}$ "	12	1	8	\$154	
22805	WR30E	30"	EXHAUST	32" SQ.	35" SQ.	32 $\frac{3}{4}$ "	16	1	12	\$211	
22815	WR36E	36"	EXHAUST	38" SQ.	41" SQ.	38 $\frac{3}{4}$ "	16	1	15	\$264	
22825	WR42E	42"	EXHAUST	44" SQ.	47" SQ.	44 $\frac{3}{4}$ "	20	1	20	\$428	
22835	WR48E	48"	EXHAUST	50" SQ.	53" SQ.	50 $\frac{3}{4}$ "	20	2	23	\$499	
22845	WR54E	54"	EXHAUST	56" SQ.	59" SQ.	56 $\frac{3}{4}$ "	24	2	27	\$596	
22855	WR60E	60"	EXHAUST	62" SQ.	65" SQ.	62 $\frac{3}{4}$ "	24	3	30	\$835	
22754	WC9	10"	SUPPLY	10" SQ.	13" SQ.	10 $\frac{3}{4}$ "	8	1	3	\$97	MK-5047
22755	WC10	10"	SUPPLY	12" SQ.	15" SQ.	12 $\frac{3}{4}$ "	8	1	4	\$105	
22611	WC12	12"	SUPPLY	14" SQ.	17" SQ.	14 $\frac{3}{4}$ "	8	1	4	\$105	
22621	WC16	16"	SUPPLY	18" SQ.	21" SQ.	18 $\frac{3}{4}$ "	12	1	5	\$109	
22631	WC18	18"	SUPPLY	20" SQ.	23" SQ.	20 $\frac{3}{4}$ "	12	1	7	\$131	
22641	WC24	24"	SUPPLY	26" SQ.	29" SQ.	26 $\frac{3}{4}$ "	12	1	9	\$164	
22651	WC30	30"	SUPPLY	32" SQ.	35" SQ.	32 $\frac{3}{4}$ "	16	1	12	\$232	
22661	WC36	36"	SUPPLY	38" SQ.	41" SQ.	38 $\frac{3}{4}$ "	16	1	17	\$306	
22671	WC42	42"	SUPPLY	44" SQ.	47" SQ.	44 $\frac{3}{4}$ "	20	1	22	\$430	
22681	WC48	48"	SUPPLY	50" SQ.	53" SQ.	50 $\frac{3}{4}$ "	20	2	25	\$516	
22691	WC54	54"	SUPPLY	56" SQ.	59" SQ.	56 $\frac{3}{4}$ "	24	2	28	\$664	
22701	WC60	60"	SUPPLY	62" SQ.	65" SQ.	62 $\frac{3}{4}$ "	24	3	31	\$822	



See page 53 for pricing of optional motor conversion kits. WR48E - WR54E are two panel construction. WR60E is three panel. If used for Intake, a Motor Actuator Kit must be utilized with shutter. **WRE & WC SELECTION / INSTALLATION INFORMATION AND CAUTIONS:** The velocity profile near the fan blade tips (spot velocity) is non-uniform and will vary by fan model. This spot velocity condition can damage a backdraft damper if it exceeds the maximum recommended backdraft damper velocity. For this reason, it is recommended that the backdraft damper be mounted a minimum of 1/3 the fan diameter away from the fan outlet. It is a good practice to contact the factory when applications have a velocity approaching the maximum allowed or when the fan motor horsepower is 7-1/2 and above, or when the fan spot velocity is in excess of the backdraft dampers' maximum velocity. See page 30 for WRHD Heavy Duty Shutter information.

WS WALL COLLARS

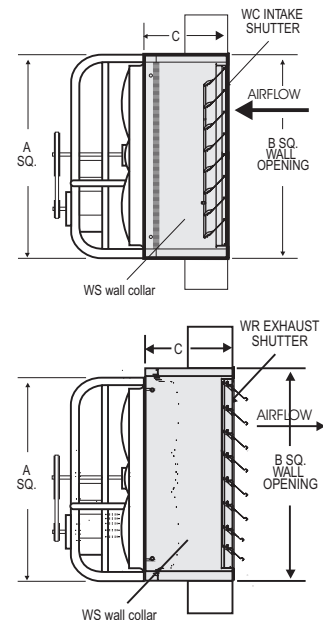
DIMENSIONS

Prop Dia.	A Sq.	B Wall Opening	C	Wall Collar	Ship Wt.	Exhaust Shutter	Supply Shutter	Safety Motor Side (Rear) Guard*
10 EPR	14	15	12	WS10	11	WR9E	WC9	N/R
12	16	17	12	WS12	13	WR10E	WC10	12RG
16 EPR	20	21	12	WS16E	16	WR12E	WC12	N/R
16	22	23	12	WS18E	18	WR16E	WC16	16RG
18 EPR	22	23	12	WS18E	18	WR16E	WC16	N/R
18	24	25	12	WS18	19	WR18E	WC18	18RG
24	30	31	14	WS24	28	WR24E	WC24	24RG
30	36	37	14 $\frac{1}{2}$	WS30	46	WR30E	WC30	30RG
36	42	43	17	WS36	63	WR36E	WC36	36RG
42	48	49	19	WS42	98	WR42E	WC42	42RG
48	54	55	21	WS48	122	WR48E	WC48	48RG
54	60	61	23	WS54	149	WR54E	WC54	54RG
60	66	67	25	WS60	178	WR60E	WC60	60RG

*Safety motor side (rear) guards are standard on all EPR, and 18" & 24" PD series fans.

NOTES:

WS wall collars are shipped knocked down. Fan not included with WS wall collars.



MOTOR CONTROLS - DISCONNECT SWITCHES & THERMOSTATS

THERMOSTATS

EDP No.	CAT. No.	Description	LIST PRICE
89576*	XRA-4	Thermostat (Wall Mt.) 60° to 100° F range	\$51
24820	T1	Temp. Switch (Wall Mt.) 45° to 85° range	\$158
90783	TS631	Temp. Switch (Attic Mt.) 70° to 140° range	\$155

*Single Phase for use up to 3/4HP

H-1 - HUMIDISTAT

EDP No.	LIST PRICE
24880	\$192

20% to 80% RH range

DISCONNECT SWITCHES DISCONNECT SWITCH ONLY (UNMOUNTED)

EDP No.	MAX HP	VOLTAGE/PHASE	LIST PRICE
9152341	1½	115/1/60	\$21
9152339	2	230/1/60	\$84
9152339	2	230/3/60	\$84
9152339	2	460/3/60	\$84
9152302	7½	230/3/60	\$293
9152302	10	460/3/60	\$293

NOTE: Two speed motors require two disconnect switches. Choose switches from list above based on electrical and HP ratings of fan. Not available factory mounted. On models where mounted disconnect switch is not standard, charge to mount and/or wire Disconnect Switch \$60.00.

DISCONNECT SWITCH SPECIAL ENCLOSURES ALL FAN MODELS

EDP No.	MAX HP	VOLTAGE/PHASE	LIST PRICE
RAIN TIGHT NON FUSIBLE			
9150G44	1	115/1/60	\$337
9150G44	2	230/1/60	\$337
9150G45	7½	230/3/60	\$524
9150G45	10	460/3/60	\$524

EXPLOSION PROOF

Class I, GR C, D; Class II, GR E, F, G

EDP No.	MAX HP	VOLTAGE/PHASE	LIST PRICE
9150G48	1	115/1/60	\$503
9150G48	2	230/1/60	\$503
9150G49	7½	230/3/60	\$645
9150G49	10	460/3/60	\$645

MOTOR CONTROLS - MANUAL MOTOR STARTERS

WALL MOUNT MOTOR CONTROLS - ALL FAN MODELS MANUAL MOTOR STARTER WITHOUT PROVISION FOR OVERLOAD PROTECTOR

EDP No.	MAX HP	VOLTAGE/PHASE	LIST
9152301	1	115/1/60	\$84
9152301	2	230/1/60	\$84
9152302	7½	230/3/60	\$293
9152302	10	460/3/60	\$293

MANUAL MOTOR STARTER WITH PROVISION FOR OVERLOAD PROTECTOR (PROTECTOR ELEMENTS NOT SUPPLIED)

EDP No.	MAX HP	VOLTAGE/PHASE	LIST
9152386	1½	115/1/60	\$106
9152386	2	230/1/60	\$106
9152374	2	230/3/60	\$555
9152374	2	460/3/60	\$555
9152304	7½	230/3/60	\$452
9152304	10	460/3/60	\$452

NOTE: When motor controls without overload are used protection should be provided in the line to prevent motor burnout.

TWO SPEED MANUAL MOTOR STARTER WITHOUT PROVISION FOR OVERLOAD PROTECTOR

EDP No.	MAX HP	VOLTAGE/PHASE	LIST
85388	3/4	115/1/60	\$30
9152327	1	115/1/60	\$577
9152327	2	230/1/60	\$577
ONE WINDING			
9152385	1	230/3/60	\$770
9152385	3	460/3/60	\$770
TWO WINDING			
9152369	1	230/460/3/60	\$91
9152384	3	230/460/3/60	\$960

MOTOR CONVERSION KITS

For Motorized Wall Louvers Add Motor Kit From List Below

SUPPLY MOTOR KITS†

EDP No.	CAT No.	Description	List Ea.
22900	MK-5047-F	120/240 Volt, for 9" - 36" supply shutters	\$235
22905	MK-5047-C	440 Volt, for 9" - 36" supply shutters	\$216
22908	MK-5047-E	550 Volt, for 9" - 36" supply shutters	\$216
22910	MK-4782-F	120/240 Volt, for 42" supply shutters	\$380
22915	MK-4782-C	440 Volt, for 42" supply shutters	\$380
22918	MK-4782-E	550 Volt, for 42" supply shutters	\$362
22900	MK-5047-F	120/240 Volt, for 48" - 60" supply shutters**	\$235
22905	MK-5047-C	440 Volt, for 48" - 60" supply shutters**	\$216
22908	MK-5047-E	550 Volt, for 48" - 60" supply shutters**	\$216

Please specify voltage needed when ordering.
All units are for single phase operation.

**48" - 54" require 2 motor kits. 60" requires 3 motor kits

†See Page 51 for WRE / WC selection and installation information and cautions.

NOTE: Shutter Motor Kits are "power open - spring close." The power opens the shutter and holds it open until the power is turned off, then a spring on the motor closes the shutter.

EXHAUST MOTOR KITS†

EDP No.	CAT No.	Description	List Ea.
22930	MK-4620-F	120/240 Volt, for 9" - 36" exhaust shutters	\$235
22935	MK-4620-C	440 Volt, for 9" - 36" exhaust shutters	\$235
22938	MK-4620-E	550 Volt, for 9" - 36" exhaust shutters	\$248
22940	MK-4621-F	120/240 Volt, for 42" exhaust shutters	\$380
22945	MK-4621-C	440 Volt, for 42" exhaust shutters	\$380
22948	MK-4621-E	550 Volt, for 42" exhaust shutters	\$361
22930	MK-4620-F	120/240 Volt, for 48" - 60" exhaust shutters*	\$235
22935	MK-4620-C	440 Volt, for 48" - 60" exhaust shutters*	\$235
22938	MK-4620-E	550 Volt, for 48" - 60" exhaust shutters*	\$248

Please specify voltage needed when ordering.
Units are for single phase operation.

*48" & 54" require 2 motor kits. 60" requires 3 motor kits.

†See Page 51 for WRE / WC selection and installation information and cautions.

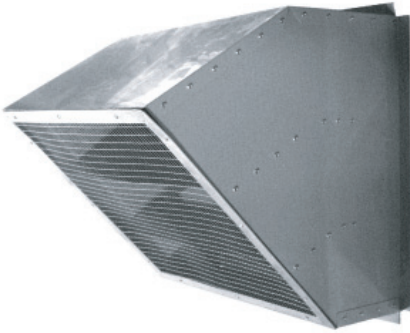
See Page 27 for WRHD Heavy Duty Shutter information.

MANUAL CHAIN OPERATORS FOR WRE EXHAUST SHUTTERS

EDP No.	Description	List
02684	For WRE 10" - 36" 1 Panel Shutter	\$122
02686	For WRE 42" - 54" 2 Panel Shutter	\$277
32686	For WRE 60" 3 Panel Shutter	\$370

ACCESSORIES

WH WEATHERHOODS



FEATURES

- All Steel Construction
- Powder Coat Epoxy Finish
- Bird Screen
- Turning Vanes

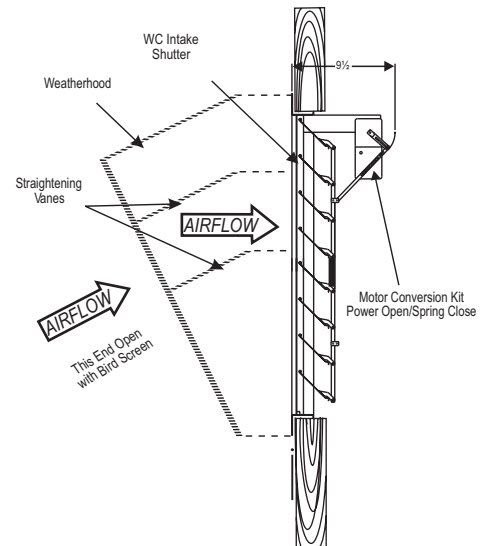
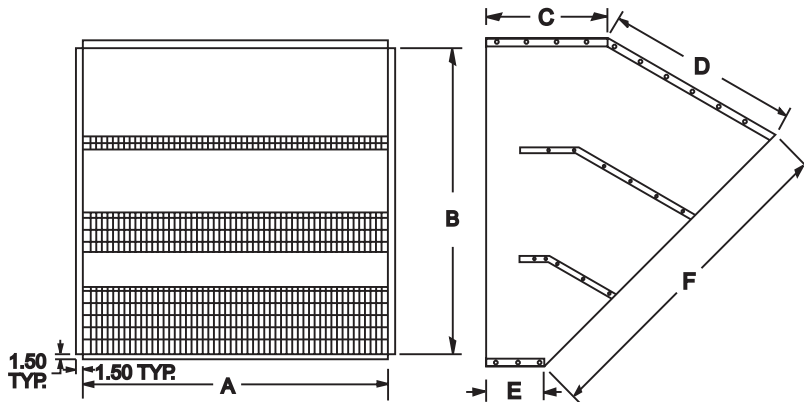
Dimensions

Cat. No.	A	B	C	D	E	F
WH24	30.50	30.50	15.29	18.06	9.43	30.50
WH30	36.50	36.50	18.30	21.62	11.28	36.50
WH36	42.50	42.50	21.31	25.17	13.14	42.50
WH42	48	48	19.42	28.43	10.19	48
WH48	54	54	21.04	31.98	10.65	54
WH54	60	60	22.88	35.54	11.34	60
WH60	66	66	24.04	38.59	11	66

Weatherhoods shipped knocked down for field assembly.

Size	EDP#	Cat. No.	List
Hood for 24" Unit	99915	WH24	\$540
Hood for 30" Unit	99916	WH30	\$633
Hood for 36" Unit	99917	WH36	\$701
Hood for 42" Unit	99921	WH42	\$920
Hood for 48" Unit	99923	WH48	\$1012
Hood for 54" Unit	99918	WH54	\$1175
Hood for 60" Unit	99919	WH60	\$1291

Used on 24" - 60" propeller wall fans.



UNDERSTANDING HAZARDOUS LOCATION FANS & MOTORS

Many areas do or may contain gas, vapor or dust in explosive quantities. These areas must be considered hazardous when selecting a fan. To exhaust these areas a fan with an explosion proof motor must be used, many explosions have been caused by exhausting a potentially explosive area with a fan and motor not designed for use in hazardous areas.

Locations Which May Contain Explosive
Gas, Vapor or Dust in the Atmosphere

Oil Refineries Painting Operations Welding Shops
Chemical Plants Grain Elevators Coal Mines
Grain Mills Battery Charging Areas Chemical Storage
Paint Storage Dry Cleaners Laboratory Hoods
Feed Mills Flour Mills Electroplating Operations

Most airborne dusts are flammable and potentially explosive, and should be treated as such. Locations containing any amounts of explosive material, no matter how slight, require the use of a fan with a motor rated for hazardous locations and spark resistant construction. **Hazardous locations may include, but are not limited to the above list.**

All Airmaster fans with explosion proof motors are rated for Class I, Group D, Class II, Groups F & G atmospheres. Some may be rated for Class I, Group D, Class II, Groups E, F & G, they will be listed in the catalog. An explosion proof motor is designed to withstand an explosion of a specific gas or vapor which may occur within it, and prevent the ignition of the gas or vapor which may be surrounding the motor casing. Always be sure that the motor classes and group ratings match the requirements of the hazardous location. Fans and air circulators with explosion proof motors must be hard wired using explosion proof components and in accordance with all local, state, and national codes. Equipment with explosion proof motors should never be supplied with a cord and plug. Plugging a piece of equipment into a wall outlet can cause a spark, which could lead to an explosion.

National Electrical Code Explosive Atmosphere Classifications

Class I

Group A: Acetylene

Group B: Butadiene, ethylene oxide, hydrogen, propylene oxide, manufactured gasses containing more than 30% hydrogen by volume.

Group C: Acetaldehyde, cyclopropane, diethyl ether, and ethylene.

Group D: Acetone, acrylonitrile, ammonia, benzene, butane, ethanol, ethylene dichloride, gasoline, hexane, isoprene, methane (natural gas), methanol, naphtha, propane, styrene, toluene, vinyl acetate, vinyl chloride, xylene.

Class II

Group E: Aluminum, magnesium, and other metal dusts with similar characteristics.

Group F: Carbon black, coke or coal dust

Group G: Flour, starch or grain dust

Class III

Easily ignitable fibers, such as rayon, cotton, sisal, hemp, cocoa fiber, oakum, excelsior and other fibers of similar nature.

The Classification of a Hazardous Environment

The classification of a hazardous atmosphere requires considerable skill and judgment, especially the extent of the hazardous areas.

Class I, Division I: Those areas in which hazardous concentrations of flammable gasses, vapor or dust exist, either continually or periodically during normal operating conditions. In these areas the National Electric Code requires the use of explosion proof motors at all times.

Class II, Division II: Those areas in which flammable gasses are handled, processed or used. In these locations the liquid or gas is normally confined in enclosed containers or systems, from which they can escape only in the event of accidental breakdown or abnormal operations. In these areas the National Electric Code requires only that the motors must not have sparking internal contacts (such as centrifugal switches). Normally, three phase TEFC motors are suitable for operation in these atmospheres.

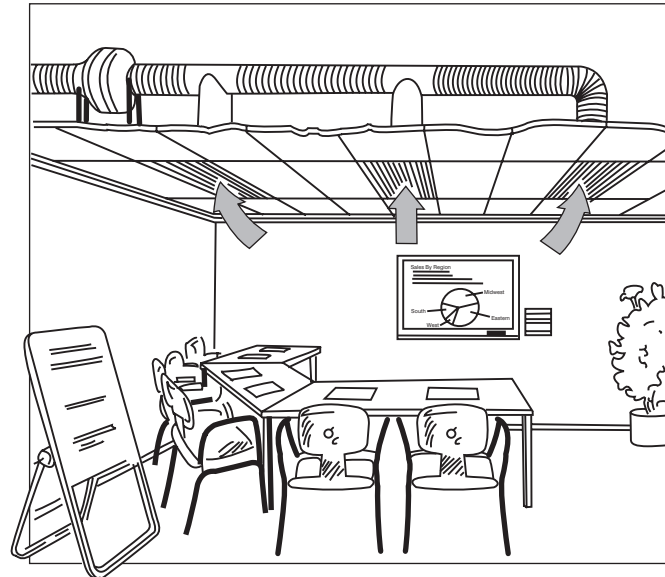
Explosion proof motors are generally not available for Class I, Group A and Class I, Group B locations. When these conditions are encountered, it is usually necessary to isolate the motors from the hazardous location. Also, it is possible to substitute hydraulic or pneumatic motors in place of electric type. All Airmaster axial flow fans and air circulators with explosion proof motors have a cast aluminum propeller or a fabricated propeller with aluminum blades.

Note: all fans must be installed in accordance with all applicable national, state, and local electrical and mechanical codes.

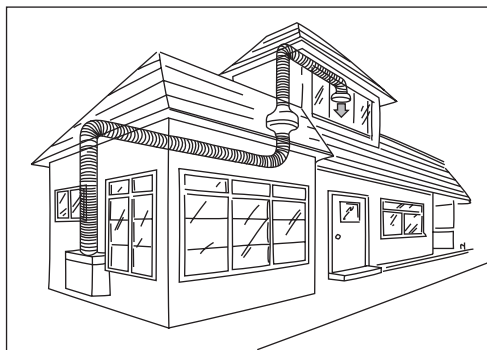
TURBO™ IN-LINE CENTRIFUGAL DUCT FAN MODEL TBP APPLICATIONS

TYPICAL APPLICATIONS

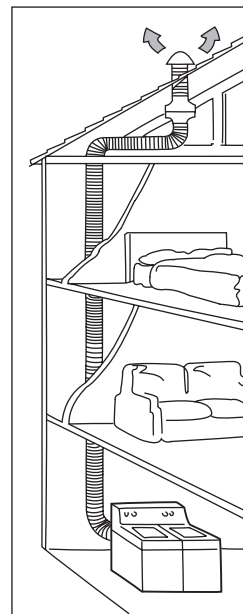
	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
BATHROOM EXHAUST	X	X	X
LOCKER ROOM EXHAUST		X	X
KITCHEN EXHAUST (not over range hood)	X		
CLOTHES DRYER EXHAUST	X	X	
PRIMARY EXHAUST FAN	X	X	X
DUCT BOOSTER	X	X	X
WARM AIR TRANSFER	X	X	X
GENERAL VENTILATION	X	X	X
CONFERENCE ROOM EXHAUST		X	
SMOKE AREAS	X	X	X
CAFETERIA EXHAUST		X	
HUMIDITY & MOISTURE REMOVAL	X	X	X
EQUIPMENT COOLING		X	X
MAKE UP AIR	X	X	X
WELDING FUME REMOVAL			X
SPOT VENTILATION	X	X	X
BOOSTER FAN	X	X	X



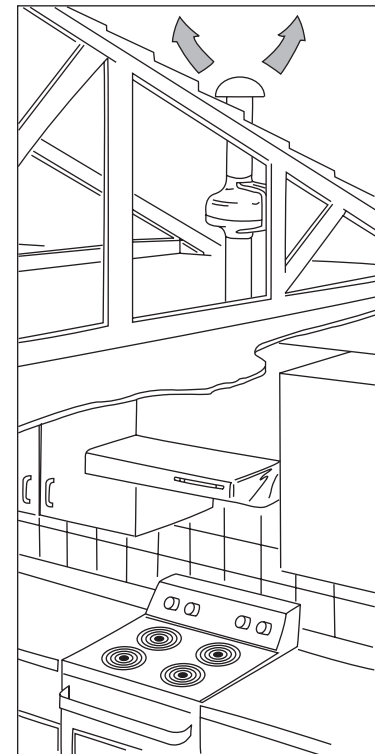
Conference room exhaust ventilation



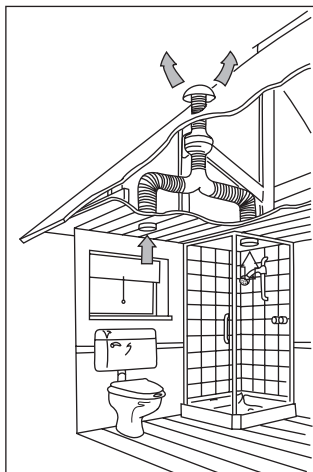
(TURBO Fan) transferring conditioned air to a new room addition



(TURBO) Fan assisted dryer exhaust



(TURBO Fan) rangehood exhaust



Multi-ventilating points with one TURBO Fan

FEATURES

EXTERNAL ROTOR MOTOR
BACKWARD CURVE WHEEL
DYNAMICALLY BALANCED WHEEL
DIE CAST ALUMINUM MOTOR BODY
PERMANENT LUBE BALL BEARINGS
NEMA CLASS B MOTOR INSULATION
THERMAL OVERLOAD MOTOR PROTECTION

BENEFITS

COMPACT DESIGN
HIGH EFFICIENCY NON-OVERLOADING
LOW NOISE AND VIBRATION
EXCELLENT HEAT DISSIPATION, 100% SPEED CONTROLLABLE, LONG MOTOR LIFE
MAINTENANCE FREE/SMOOTH OPERATION
INDUSTRIAL QUALITY CONSTRUCTION
SAFETY FEATURE

COMMERCIAL PRODUCT WARRANTY

AIRMASTER FAN COMPANY warrants to the original user that the equipment shipped will be the kind and quality described in the specifications and to be free from defects in material and workmanship under normal use and service. Liability for defects of material and workmanship in the motor are excepted from the **AIRMASTER** Warranty, but are covered in the warranty of the motor manufacturer.

AIRMASTER FAN COMPANY will rectify defects in material or workmanship within one year from date of shipment by the factory, provided the Company receives immediate written notice of such defects and such claims are substantiated to its satisfaction. Correction of such defects by repair or replacement at company's option, F.O.B. the Company's factory, shall constitute the sole obligation under this warranty. This warranty does not include accessories or any part of the unit which has subjected to misuse, neglect, accident, or damage caused by flood, fire or act of God. **UNDER NO CIRCUMSTANCES IS AIRMASTER FAN COMPANY** liable for labor costs incurred in installation or removal for repairs. **UNDER NO CIRCUMSTANCES IS AIRMASTER FAN COMPANY** LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES DUE TO FAILURE TO MEET THE CONDITIONS OF ANY WARRANTY. NO LIABILITY OF ANY NATURE IS ASSUMED BY THE COMPANY FOR FAILURE TO MAKE DELIVERY DUE TO ANY ACT OR CONDITION BEYOND ITS REASONABLE CONTROL.

THIS WARRANTY DOES NOT APPLY TO CONSUMER PRODUCTS, SEE CONSUMER PRODUCT WARRANTY BELOW.

LIMITED ONE-YEAR CONSUMER WARRANTY

On products intended for personal, family or household purposes, the following limited warranty applies instead of the COMMERCIAL Warranty.

AIRMASTER warrants to the original consumer purchaser that this product is free from defects in material and workmanship for one year from provable date of purchase.

AIRMASTER will repair or replace, at its option, defective parts at no charge, within this warranty period, provided the product is returned freight prepaid with proof of purchase date to: **AIRMASTER FAN COMPANY**, 1300 FALAHEE RD., JACKSON, MI 49203. The obligation under this warranty does not include responsibility for any transportation expenses. **PRODUCT WILL BE RETURNED TO THE CONSUMER FREIGHT COLLECT.**

This warranty is void as to any part that has been improperly installed, overloaded, abused or altered in any manner.

This warranty does not cover incidental or consequential damages arising from any defect of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

No one is authorized to assume any liability on behalf of **AIRMASTER** or impose any obligation on it in connection with the sale of any product other than as outlined above.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

(PRICES SUBJECT TO CHANGE WITHOUT NOTICE)

Due to **AIRMASTER's** commitment to Total Quality Management, technical specifications are subject to change without notice.

HEAVY DUTY AIR CIRCULATORS  Pages 1-5	INDUSTRIAL AIR CIRCULATORS  Pages 6-8	COMMERCIAL AIR CIRCULATORS  Pages 9-10	SAFETY AIR CIRCULATORS  Pages 11-13
WASHDOWN AIR CIRCULATORS  Pages 14-16	MISTING FANS  Page 16	MANCOOLERS  Pages 17-18	CEILING FANS  Page 19
AIR BLASTERS  Pages 20-21	EPRSM SHUTTER FAN  Page 23	EPR ALL PURPOSE WALL FAN  Page 23	EXG EXP PROOF EXHAUST FAN  Page 24
PD EXHAUST FAN  Page 25	HV EXHAUST FAN  Pages 26-27	HVEX EXP. PROOF EXHAUST FAN  Pages 26-27	PB EXHAUST FAN  Pages 28-29
HA INDUSTRIAL EXHAUST FAN  Pages 30-31	PLDA/PLDXA TUBE AXIAL FANS  Pages 32-35	UP/UPB UPBLAST FANS  Pages 36-37	CWF CABINET FAN  Page 38
EGRV RELIEF VENT  Page 35	CDD CENTRIFUGAL EXHAUST  Page 39	CBD CENTRIFUGAL EXHAUST  Pages 40-41	CBU CENTRIFUGAL UPBLAST  Pages 42-43
CBU-HP HIGH PRESSURE UPBLAST  Pages 44-45	CDU CENTRIFUGAL UPBLAST  Page 46	CAS CENTRIFUGAL AIR SUPPLY  Page 47	ARD ROOFTOP  Page 48
NCF CEILING VENTILATORS  Page 49	TBP INLINE CENTRIFUGAL  Page 50	HVB WHOLE HOUSE FAN  Page 51	LE47/LE47A INTAKE LOUVERS  Pages 52-53
		WS WALL COLLARS & SHUTTERS  Page 54	WH WEATHERHOODS  Page 56



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 E-mail: sales@airmasterfan.com

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