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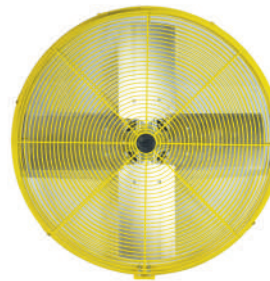
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TPI Industrial Assembled Maximum Duty Circulators

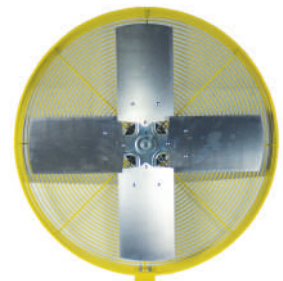
Features

- Easy access hinged guard
- 18" drop down, 2-Speed switch
- Cord options are shown below
- Steel hub/spider aluminum paddle blades
- Powder coated steel guards
- Meets OSHA standards
- 5 year limited warranty

DIMENSIONS		
24"	27" Diameter x 14.5" Depth	
30"	33.5" Diameter x 14.5" Depth	



Closed (Front)



Open (Front)



Motor Specifications

- 2-Speed
- 1-Phase, 120V
- Permanent split capacitor
- Frame size: 48
- 1/2 HP
- Ball bearing
- Totally enclosed, permanently lubricated
- 1/2" Shaft

Pedestal Specifications

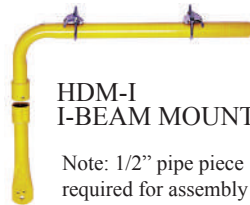
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

Factory Assembled and Tested Fan Heads, Mounts, and Wheel Kits



HDM-C
CEILING MOUNT

Note: 1/2" pipe piece required for assembly



HDM-I
I-BEAM MOUNT

Note: 1/2" pipe piece required for assembly



HDM-W
WALL MOUNT



OPTIONAL
WHEEL KIT

Standard Models

ASSEMBLED FAN HEAD		COLOR	BLADE SIZE	HP	CFM / RPM		AMPS	SHIPPING WT. (LBS)	HEAD LIST
UPC#	MODEL				HIGH	LOW			
686334									
874441	HDH 24-JR	Yellow	24"	1/2	8600 / 1100	6500 / 800	3.5	44	629
874465	HDH 30-JR	Yellow	30"		9850 / 1100	7500 / 800	4	48	646
874502	HDH 24-GJR	Gray	24"		8600 / 1100	6500 / 800	3.5	44	629
874519	HDH 30-GJR	Gray	30"		9850 / 1100	7500 / 800	4	48	646

Accessories

UPC#	MODEL	COLOR	DESCRIPTION	SHIPPING WT. (LBS)	LIST
686334					
796095	HDM-P	Yellow	Heavy Duty Pedestal Mount	34 lbs.	192
796101	HDM-W	Yellow	Heavy Duty Wall Mount	3 lbs.	75
796118	HDM-I	Yellow	Heavy Duty I-Beam Mount	9 lbs.	144
796125	HDM-C	Yellow	Heavy Duty Ceiling Mount	3 lbs.	83
796187	ACM-P	Gray	Pedestal Mount	34 lbs.	180
796194	ACM-W	Gray	Wall Mount	3 lbs.	69
796200	ACM-I	Gray	I-Beam Mount	9 lbs.	136
796217	ACM-C	Gray	Ceiling Mount	3 lbs.	75
796224	ACM-S	Gray	Suspension Mount	2 lbs.	62
874724	RS 06-EC	Yellow	6' Extension Cord used with drop down Power Switch	1 lbs.	21
874731	RS 09-EC	Yellow	9' Extension Cord used with drop down Power Switch	1.5 lbs.	23
874748	RS 12-EC	Yellow	12' Extension Cord used with drop down Power Switch	2 lbs.	25
874755	SCK-12	----	12' Safety Cable with Clamps	.5 lbs.	23
874762	R1-MOT	Yellow	1/2 HP Motor with Remote Switch	1 lbs.	180
868181	ACM-PM	Standard Black	Pole Mount	5 lbs	88
868136	ACM-WK	Standard Black	Optional Wheel Kit	4 lbs.	80

TPI Industrial Unassembled Maximum Duty Circulators

Features

- Easy access hinged guard
- 18" drop down, 2-Speed switch
- Cord options are shown below
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards

DIMENSIONS

24"	27" Diameter x 14.5" Depth
30"	33.5" Diameter x 14.5" Depth



Closed (Front)



Open (Front)



Note: 1/3 and 1/4 HP fans come with 3 paddle blades.

Motor Specifications

- 2-Speed
- 1-Phase, 120V
- Ball bearing
- Frame size: 48
- Totally enclosed
- Permanent split capacitor
- Permanently lubricated
- 1/2" Shaft

Product Specifications

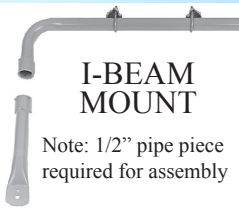
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

TPI Industrial Mounts



CEILING MOUNT

Note: 1/2" pipe piece required for assembly



I-BEAM MOUNT

Note: 1/2" pipe piece required for assembly



WALL MOUNT



SUSPENSION MOUNT

OPTIONAL WHEEL KIT



Note: Motor, blades, guard, and mount are packed and shipped in a single UPS-able carton.

Standard Models

FAN TYPE		HIGH PERFORMANCE				MAX AMPS	STANDARD INDUSTRIAL			MAX AMPS
MOTOR		HP	1/3				1/4			
		SPEEDS	2				2			
CFM / RPM		24"	7000 / 5200 1100 / 800			2.8	6800 / 5000 1100 / 800			2.5
		30"	8200 / 6200 1100 / 800			3.0	7900 / 6000 1100 / 800			2.7
COLOR		GRAY				GRAY				
POLE ADJUSTMENT		52" to 78"				52" to 78"				
WARRANTY		3 YEARS				1 YEAR				
SIZE	TYPE of MOUNT	UPC# 686334	MODEL	WT. (lbs.)	LIST	UPC# 686334	MODEL	WT. (lbs.)	LIST	
24"	Pedestal Mount	874526	UHP 24-PJR	75	683	874625	ACU 24-PJR	75	537	
	Wall Mount	874540	UHP 24-WJR	45	577	874649	ACU 24-WJR	45	466	
	I-Beam Mount	874564	UHP 24-IJR	50	640	874663	ACU 24-IJR	50	528	
	Ceiling Mount	874588	UHP 24-CJR	45	584	874687	ACU 24-CJR	45	473	
	Suspension Mount	874601	UHP 24-SJR	43	572	874700	ACU 24-SJR	43	459	
30"	Pedestal Mount	874533	UHP 30-PJR	78	700	874632	ACU 30-PJR	78	548	
	Wall Mount	874557	UHP 30-WJR	48	596	874656	ACU 30-WJR	48	478	
	I-Beam Mount	874571	UHP 30-IJR	53	657	874670	ACU 30-IJR	53	541	
	Ceiling Mount	874595	UHP 30-CJR	48	602	874694	ACU 30-CJR	48	485	
	Suspension Mount	874618	UHP 30-SJR	46	589	874717	ACU 30-SJR	46	473	

Accessories

UPC#	MODEL	COLOR	DESCRIPTION	SHIPPING WT. (LBS)	LIST
686334					
874724	RS 06-EC	Yellow	6' Extension Cord used with drop down Power Switch	1 lbs.	21
874731	RS 09-EC	Yellow	9' Extension Cord used with drop down Power Switch	1.5 lbs.	23
874748	RS 12-EC	Yellow	12' Extension Cord used with drop down Power Switch	2 lbs.	25
874755	SCK-12	----	12' Safety Cable with Clamps	.5 lbs.	23
874779	R2-MOT	Yellow	1/3 HP Motor with drop down Remote Switch	1 lbs.	175
874786	R3-MOT	Yellow	1/4 HP Motor with drop down Remote Switch	1 lbs.	170

TPI Industrial Heavy Duty Yellow Air Circulator

4

Features

- Pull chain switch
- Cord-SJT type 3 conductor, 12' long
- Steel hub/spider aluminum paddle blades
- Powder coated steel guards
- Meets OSHA standards
- 5 year limited warranty

DIMENSIONS	
24"	27" Diameter x 14.5" Depth
30"	33.5" Diameter x 14.5" Depth

Motor Specifications

- 2-Speed
- 1 Phase, 120V
- Permanent split capacitor
- Frame size: 48
- 1/2 HP
- Ball bearing
- Totally enclosed, permanently lubricated
- 1/2" Shaft

Pedestal Specifications

- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in. diameter and has 5 carriage bolts.



HDH-30 FAN HEAD
WITH HDM-P
PEDESTAL MOUNT

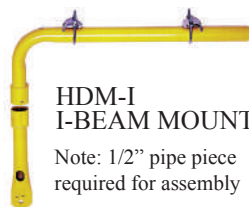


Factory Assembled and Tested Fan Heads, Mounts, and Wheel Kits



HDM-C
CEILING MOUNT

Note: 1/2" pipe piece
required for assembly



HDM-I
I-BEAM MOUNT

Note: 1/2" pipe piece
required for assembly



HDM-W
WALL MOUNT



OPTIONAL
WHEEL KIT

Standard Models

SIZE	CFM / RPM		AMPS HIGH	FAN TYPE	FAN HEAD		MOUNT		SHIPPING WT. (LBS)	HEAD LIST	MOUNT LIST
	HIGH	LOW			UPC# 686334	MODEL	UPC# 686334	MODEL			
24"	8600 / 1100	6500 / 800	3.5	Fan Head	796071	HDH 24	-----	-----	44	576	-----
				Pedestal Fan		HDH 24	796095	HDM-P	78	576	192
				Wall Mount Fan		HDH 24	796101	HDM-W	47	576	75
				I-Beam Mount Fan		HDH 24	796118	HDM-I	53	576	144
				Ceiling Mount Fan		HDH 24	796125	HDM-C	47	576	83
30"	9850 / 1100	7500 / 800	4	Fan Head	796088	HDH 30	-----	-----	48	588	-----
				Pedestal Fan		HDH 30	796095	HDM-P	82	588	192
				Wall Mount Fan		HDH 30	796101	HDM-W	51	588	75
				I-Beam Mount Fan		HDH 30	796118	HDM-I	57	588	144
				Ceiling Mount Fan		HDH 30	796125	HDM-C	51	588	83
Optional Wheel Kit							868136	ACM-WK	4	----	80

TPI Industrial Assembled Circulator Heads and Mounts

Features

- Pull chain switch
- SJT type 3 conductor, 12' long cord
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards

DIMENSIONS	
24"	27" Diameter x 14.5" Depth
30"	33.5" Diameter x 14.5" Depth

Motor Specifications

- 2-Speed
- 1 Phase, 120V
- Ball bearing
- Frame size: 48
- Totally enclosed
- Permanent split capacitor
- Permanently lubricated
- 1/2" Shaft

Product Specifications

- Oscillating model oscillates in a 90° arc or can be locked in a fixed position
- Metal gears in the oscillating mechanism allow the fan to operate at a maximum 30° downward tilt



HDH 30-G



Standard Models

H.P.	BLADE SIZE	MODEL	UPC# 686334	FAN HEAD TYPE	CFM	RPM	AMPS	WT. (LBS)	LIST
Industrial 1/4	24"	ACH 24	796163	STATIONARY	6800/5000	1100/800	2.5	40	329
	30"	ACH 30	796170		7900/6000	1100/800	2.7	44	341
1 Year Warranty									
High Performance 1/3	24"	IHP 24-H	798983	STATIONARY	7000/5200	1100/800	2.8	40	421
	30"	IHP 30-H	798990		8200/6200	1100/800	3	44	440
3 Year Warranty									
Heavy Duty 1/2	24"	HDH 24-G	853927	STATIONARY	8600/7100	1100/800	3.5	44	551
	30"	HDH 30-G	852869		9850/8100	1100/800	4	48	570
5 Year Warranty									
Industrial Oscillating 1/4	24"	ACH 24-O	796961	OSCILLATING	6800/5000	1100/800	2.5	44	508
	30"	ACH 30-O	796378		7900/6000	1100/800	2.7	48	526
1 Year Warranty									

TPI offers six factory assembled and tested fan mounts that can be used with any of the non-oscillating TPI Industrial heads.

Industrial Mounts

MOUNT	MODEL	UPC# 686334	SHIPPING WT. (LBS)	LIST
Pedestal (1/2HP Models)	GACM-P	875387	34	192
Pedestal (1/3 & 1/4HP Models)	ACM-P	796187	34	180
Wall Mount	ACM-W	796194	3	69
I-Beam Mount	ACM-I	796200	9	136
Ceiling Mount	ACM-C	796217	3	75
Suspension Mount	ACM-S	796224	2	62
Pole Mount	ACM-PM	868181	5	88
Optional Wheel Kit	ACM-WK	868136	4	80

TPI Industrial Unassembled Circulators

6

Features

- Pull chain switch
- SJT type 3 conductor, 12' long cord
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards

Motor Specifications

- 2-speed
- 1-Phase, 120V
- Ball bearing
- Frame size: 48
- Totally enclosed
- Permanent split capacitor
- Permanently lubricated
- 1/2" Shaft

Note: Motor, blades, guard, and mount are packed and shipped in a single UPS-able carton.



WALL MOUNT



PEDESTAL

DIMENSIONS	
24"	27" Diameter x 14.5" Depth
30"	33.5" Diameter x 14.5" Depth



Product Specifications

- Oscillating model oscillates in a 90° arc or can be locked in a fixed position
- Metal gears in the oscillating mechanism allow the fan to operate at a maximum 30° downward tilt

Standard Models

FAN TYPE		HIGH PERFORMANCE			MAX AMPS	STANDARD INDUSTRIAL			MAX AMPS	OSCILLATING			MAX AMPS
MOTOR	HP	1/3				1/4				1/4			
	SPEEDS	2				2				2			
CFM / RPM	24"	7000 / 5200 1100 / 800			2.8	6800 / 5000 1100 / 800			2.5	6800 / 5000 1100 / 800			2.5
	30"	8200 / 6200 1100 / 800			3.0	7900 / 6000 1100 / 800			2.7	7900 / 6000 1100 / 800			2.7
COLOR		GRAY				GRAY				GRAY			
POLE ADJUSTMENT		52" to 78"				52" to 78"				52" to 78"			
WARRANTY		3 YEARS				1 YEAR				1 YEAR			
SIZE	TYPE of MOUNT	UPC# 686334	MODEL	WT. (LBS)	LIST	UPC# 686334	MODEL	WT. (LBS)	LIST	UPC# 686334	MODEL	WT. (LBS)	LIST
24"	Pedestal Mount	799003	UHP 24-P	75	570	796231	ACU 24-P	75	424	796408	ACU 24-PO	79	644
	Wall Mount	799027	UHP 24-W	45	465	796248	ACU 24-W	45	354	796415	ACU 24-WO	49	539
30"	Pedestal Mount	799010	UHP 30-P	78	588	796286	ACU 30-P	78	436	796422	ACU 30-PO	82	657
	Wall Mount	799065	UHP 30-W	48	483	796293	ACU 30-W	48	366	796439	ACU 30-WO	52	551

TPI Industrial 20" Circulators

7



PEDESTAL

WALL MOUNT



Features

- Pull chain switch
- SJT type 3 conductor, 12' long cord
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- 1 Year limited warranty

DIMENSIONS

22" Diameter x 14.5" Depth

Motor Specifications

- 2-Speed
- 1-Phase, 120V
- Ball bearing
- Frame size: 48
- 1/4 HP
- Permanent split capacitor
- Totally enclosed, permanently lubricated
- 1/2" Shaft

Standard Models

UPC# 686334	MODEL	STYLE	MOUNT TYPE	CFM / RPM	AMPS (HIGH)	WT. (LBS.)	LIST
868143	ACU 20-P	Unassembled all components and mount in one box	Pedestal Mount	5600 / 4100 1100 / 900	2.4	72	410
868150	ACU 20-W		Wall Mount			42	309
868471	ACH 20	Assembled Fan Head	None - use with any TPI "ACM" or "CACM" Mount			39	295

TPI Industrial Circulator Components

Motors

TYPE	UPC# 686334	MODEL	LIST
HEAVY DUTY	796132	HD-MOT	353
HIGH PERFORMANCE	799515	IHP-MOT	247
INDUSTRIAL	796330	AC-MOT	143
OSCILLATING	796446	AC-MOT-O	334

Guards & Blades

TYPE	UPC# 686334	MODEL	LIST
YELLOW GUARD & BLADE FOR 1/2 HP MOTOR			
24"	796149	HD-24GB	199
30"	796156	HD-30GB	217
SILVER GUARD & BLADE FOR 1/2 HP (HD) MOTOR			
24"	796453	HD-24GB-C	174
30"	796460	HD-30GB-C	192
SILVER GUARD & BLADE FOR 1/3HP & 1/4HP MOTORS			
24"	796347	AC-24GB	148
30"	796354	AC-30GB	167

Mounts

TYPE	UPC# 686334	MODEL	LIST
YELLOW MOUNTS			
PEDESTAL POLE & BASE	796095	HDM-P	192
WALL MOUNT	796101	HDM-W	75
I-BEAM MOUNT	796118	HDM-I	144
CEILING MOUNT	796125	HDM-C	83
GRAY MOUNTS			
PEDESTAL POLE & BASE	796187	ACM-P	180
WALL MOUNT	796194	ACM-W	69
I-BEAM MOUNT	796200	ACM-I	136
CEILING MOUNT	796217	ACM-C	75
SUSPENSION MOUNT	796224	ACM-S	62
POLE MOUNT	868181	ACMPM	92
WHEEL KIT	868136	ACM-WK	84
COMMERCIAL MOUNTS			
PEDESTAL POLE & BASE	869751	CACM-P	141
FDA WHITE MOUNTS (FOR USE WITH WASHDOWN FAN HEADS IN FOOD SERVICE APPLICATIONS)			
PEDESTAL POLE & BASE	868259	WACM-P	177
WALL MOUNT	868266	WACM-W	69

TPI Industrial Specialty Circulator Heads

8



Features

- No cord-junction box provided for hard wiring
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- 1 year limited warranty

Motor Specifications

- All 1 Speed (except 277V which is 2 Speed)
- Totally enclosed, permanently lubricated
- Ball bearing



Standard Models

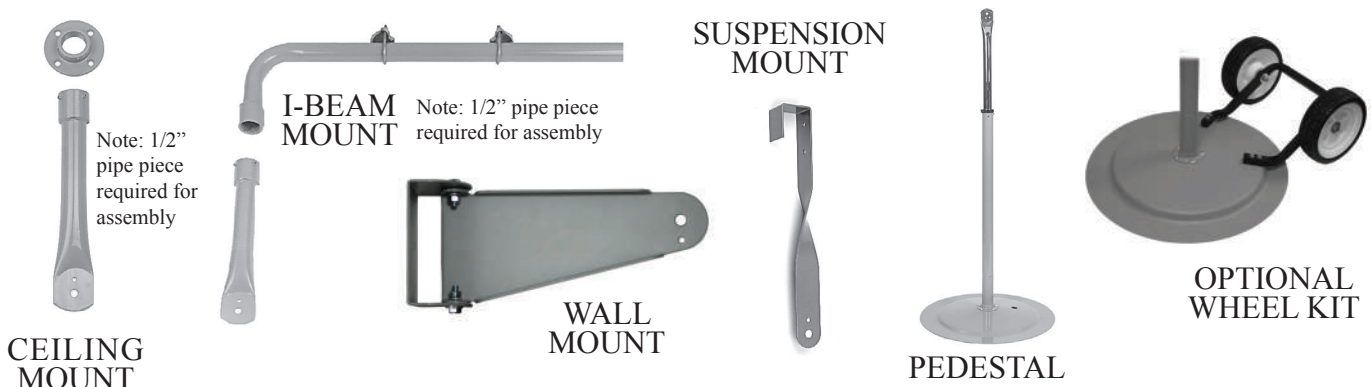
GENERAL DESCRIPTION	MODEL	UPC# 686334	SIZE	MOTOR			CFM		AMPS (HIGH)					WT. (LBS)	LIST
				HP	RPM	VOLTS	HIGH	LOW	120v 1 ph	240v 1 ph	277v 1 ph	240v 3 ph	480v 3 ph		
Hazardous Location Class I Group D Class II Group F & G Unassembled Head	ACH 24-EX1	855198	24"	1/4	1725	120 or 240 1-phase	8000		5	2.6	----	----	----	66	1022
	ACH 30-EX1	855204	30"				9200							69	1108
	ACH 24-EX3	855211	24"			240 or 480 3-phase	8000		----	----	----	1.4	0.7	66	1090
	ACH 30-EX3	855228	30"				9200							69	1194
240V / 480V 3-Phase Unassembled Head	ACH-24-TE3	855235	24"	1/4	1725	240 or 480 3-phase	8000		----	----		1.4	0.7	45	644
	ACH-30-TE3	855242	30"				9200							48	706
277 Volt Assembled Head	IHP 24-H-277	854139	24"	1/3	1125	277 1-phase	7000	5200	----	----	1	----	----	40	495
	IHP 30-H-277	854221	30"				8200	6200						44	526
Wash down rated 120V / 240V 1-Phase Assembled Head	IHP 20-H-WD	872195	20"	1/3	1725	120 or 240 1-phase	7150		4.5	2.2		----	----	46	941
	IHP 24-H-WD	854184	24"				8200							48	975
	IHP 30-H-WD	854191	30"				9350							52	1008

NOTE: Wash down rated fan heads have heavy zinc coated guards - Use FDA white coated mounts shown on page 8 for food service applications.

Product Specifications

- Pedestal pole adjusts the center of fan from 48" to 67" and bolts to 27" diameter steel dome base with 5 carriage bolts
- I-beam mount & ceiling mount require 1-1/2" or longer pipe nipple for assembly (not supplied)
- Pole mount attaches to 4", 6", or 8" with U-bolts (not supplied)

Standard Models



CIRCULATOR MOUNT	MODEL	UPC# 686334	SHIPPING WT. (LBS)	LIST
Pedestal	ACM-P	796187	34 lbs.	180
Wall Mount	ACM-W	796194	3 lbs.	69
I-Beam Mount	ACM-I	796200	9 lbs.	136
Ceiling Mount	ACM-C	796217	3 lbs.	75
Suspension Mount	ACM-S	796224	2 lbs.	62
Pole Mount	ACM-PM	868181	5 lbs	92
Optional Wheel Kit	ACM-WK	868136	4 lbs.	84



These circulators should be used in clean and dry commercial applications - such as schools, shops, offices or warehouses.

Commercial Circulator

Motor, blades, guards, and mount are packed and shipped in a single UPS-able carton.

Features

- Pull chain switch.
- SJT type 3 conductor, 9' long cord.
- Coated steel guards with retaining clips.
- Steel hub/spider aluminum paddle blades.
- Pole adjusts center of fan from 43" to 60".
- Meets OSHA standards.
- 1 Year limited warranty.

Motor Specifications

- 1-Phase
- 1/4 HP, 1/3 HP on HD Models
- Ball bearing
- Open ventilated
- 120V
- 2 or 3-Speed
- Permanently lubricated
- Permanent split capacitor



WALL MOUNT

Standard Models

UPC# 686334	MODEL	SIZE	TYPE	MOUNT TYPE	CFM			AMPS (HIGH)	WT. (LBS.)	LIST
					HIGH	MED	LOW			
870627	CACU 24-P	24"	Standard	Pedestal Mount	5400	4900	4300	2.3	63	350
870641	CACU 24-W			Wall Mount					43	299
869744	CACU 30-P	30"		Pedestal Mount	6000	5500	4800	2.4	66	387
870634	CACU 30-W			Wall Mount					46	310
876179	CACU 30-P-HD	30"	Heavy Duty	Pedestal Mount	10200	8100	6700	3.60	56	450

Note: Stocked models may differ in appearance from photograph

TPI Commercial Oscillating Fans

Commercial wall mount and pedestal fans now available from TPI.

Standard Models



UPC# 686334	MODEL	SIZE	TYPE	MOUNT TYPE	CFM			AMPS			WT. (LBS.)	LIST
					HIGH	MED	LOW	HIGH	MED	LOW		
874892	CACU 24-PO	24"	Standard	Pedestal Mount	7500	6060	4050	1.45	1.15	1.1	68	410
874915	CACU 24-WO			Wall Mount							48	308
874908	CACU 30-PO	30"		Pedestal Mount	8700	7500	6780	2.0	1.8	1.6	70	430
874922	CACU 30-WO			Wall Mount							51	325
876186	CACU 30-PO-HD	30"	Heavy Duty	Pedestal Mount	10200	8100	6700	2.94	3.02	3.60	64	550

Note: Stocked models may differ in appearance from photograph - sizes are nominal.

36", 42", & 48" TPI Commercial Belt Drive Portable Blowers

10



Features

- Rocker switch
- SJT type cord - 3 conductor - 8' long
- Aluminum blade
- Spiral wire front and rear guards
- Powder coated 20 gauge steel housing
- 8" rubber wheels
- Meets OSHA standards / 1 Year limited warranty

Motor Specification

- 2-Speed
- 120V
- Ball bearing
- 1-Phase
- ODP type
- Permanently lubricated

Standard Models

UPC# 686334	MODEL	MOTOR HP	CFM		MAX AMPS	WT. (LBS.)	LIST
			HIGH	LOW			
873475	CPB 36-B	1/3	11,000	8,500	4.8	82	625
870665	CPB 42-B	1/2	13,500	11,000	6.5	93	802
872270	CPB 48-B	3/4	15,000	12,000	9.0	129	1085

Note: Photograph is a representation of stocked models. Actual model may vary in appearance.

30" & 36" TPI Commercial Direct Drive Portable Blowers



CPBS 30-D



CPB 36-D

Features

- Rocker switch
- SJT type cord - 3 conductor - 6' long
- Spiral wire front and rear guards
- Powder coated 20 gauge steel housing
- 5" rubber wheels
- Meets OSHA standards
- 1 Year limited warranty

Motor Specification

- 2-Speed
- 120 Volt, 1/3HP
- Ball bearing
- 1-Phase
- Open ventilated
- Permanently lubricated

Standard Models

UPC# 686334	MODEL	CFM		MAX AMPS	CORD LENGTH	SWITCH	BLADES	WT. (LBS.)	LIST
		HIGH	LOW						
875356	CPB 30-D	6,300	5,500	3.6	6'	ROCKER	ALUMINUM	52	463
871037	CPBS 30-D	6,300	5,500	3.6	6'	ROCKER	ALUMINUM	60	527
872263	CPB 36-D	8,200	7,000	3.6	10'	ROTARY	STEEL	70	574

Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

30", 36", & 42" TPI Industrial Direct Drive Portable Blowers

11



STANDARD
MODEL



SWIVEL
MODEL



Features

- Comes in sizes 30", 36" & 42"
- Rocker switch
- SJT type 3 conductor, 12' long cord
- Aluminum, 3 paddle blade
- Spiral, wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- 8" wheels
- 36" & 42" swivel model rotates 360° in 12-1/2° increments and locks in place with a steel locking pin
- Meets OSHA standards
- 1 Year limited warranty

Motor Specifications

- 120V, 1-Phase
- 36"-1/3HP 42"-1/2HP
- Ball bearing
- Permanent split capacitor
- 2-Speed on 36" model
- 1-Speed on 42" model
- Permanently lubricated

Standard Models

UPC# 686334	MODEL	FAN		MOTOR HP	CFM / RPM		AMPS (HIGH)	SHIPPING WT.(LBS.)	LIST
		SIZE	TYPE		HIGH	LOW			
874397	PB 30-D	30"	STANDARD	1/4	7800	6000	2.5	65	650
874403	PBS 30-D	30"	SWIVEL					70	775
873048	PB 36-D	36"	STANDARD	1/3	12500 / 1040	9000 / 730	5.5	82	715
873055	PBS 36-D	36"	SWIVEL					110	974
873079	PB 42-D	42"	STANDARD	1/2	15,600 / 1040		6.0	102	1006
873086	PBS 42-D	42"	SWIVEL					128	1235

Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

48" TPI Industrial Direct Drive Portable Blowers



Features

- Corrosion and dent proof high density polyethylene housing
- Rocker switch
- SJT type 3 conductor, 12' long cord
- Steel, 2 paddle blade
- Spiral, wire front and rear guards
- 10" wheels
- Swivel model rotates 360° in 12-1/2° increments and locks in place with a steel locking pin
- Meets OSHA standards
- 1 Year limited warranty

Motor Specifications

- 1-Phase
- 3/4 HP
- Ball bearing
- Permanent split capacitor
- 120V
- 1-Speed
- Permanently lubricated

Features

UPC# 686334	MODEL	SIZE	FAN TYPE	MOTOR HP	CFM \ RPM	AMPS (HIGH)	DIMENSIONS			SHIPPING WT.(LBS.)	LIST
							"H"	"D"	"W"		
799782	PB 48-D-OP	48"	STANDARD	3/4	17,300 / 824	10.3	58.5	29	55.5	117	1454
799805	PBS 48-D-OP	48"	SWIVEL	3/4	17,300 / 824	10.3	----	----	----	142	1659

Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

36", 42", & 48" TPI Industrial Belt Drive Portable Blowers

12



STANDARD
MODEL



SWIVEL
MODEL

Features

- Comes in sizes 36", 42", and 48"
- Rocker switch on 120V, Single Phase models
- SJT type 3 conductor, 12' long cord on 120V, Single Phase models / no cord on dual voltage models
- Aluminum, 4 paddle blade
- Spiral, wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- 10" wheels
- Swivel model rotates 360° in 12-1/2° increments and locks in place with a steel locking pin
- External junction boxes on dual voltage models allow units to be wired for either voltage without removing guards
- Hazardous location models have explosion proof motors, metal housings, and external junction boxes rated for Class I, Group D and Class II, Groups E, F, & G, UL Listed
- Meets OSHA standards • 1 year limited warranty

Motor Specifications

- 1-Speed
- Ball bearing
- Permanently lubricated

Standard Models

MOTOR LISTING	SIZE	MOTOR					STANDARD MODEL				SWIVEL MODEL			
		TYPE	HP	CFM	RPM	AMPS	UPC# 686334	MODEL	WT. (LBS.)	LIST	UPC# 686334	MODEL	WT. (LBS.)	LIST
	36"	120 V 1 PH ODP	1/2	14,500	500	8.0	796477	PB 36-B	120	1065	796507	PBS 36-B	145	1254
	42"		3/4	18,200	430	11.0	796484	PB 42-B	135	1216	796514	PBS 42-B	160	1442
	48"		1	22,700	390	15.0	796491	PB 48-B	155	1365	796521	PBS 48-B	180	1625
	36"	240/480 V 3 PH ODP	1/2	14,500	500	2.3 / 1.1	850865	PB 36-B-3	127	1422	850926	PBS 36-B-3	152	1676
	42"		3/4	18,200	430	3.3 / 1.5	850872	PB 42-B-3	143	1594	850933	PBS 42-B-3	168	1988
	48"		1	22,700	390	3.4 / 1.7	850889	PB 48-B-3	164	1814	850940	PBS 48-B-3	189	2092
	36"	120/240 V 1 PH EXP	1/2	14,500	500	7.8 / 3.9	850896	PB 36-B-HL*	135	2143	850957	PBS 36-B-HL	160	2366
	42"		3/4	18,200	430	10.8 / 5.4	850902	PB 42-B-HL*	150	2256	850964	PBS 42-B-HL	175	2696
	48"		1	22,700	390	13.2 / 6.6	850919	PB 48-B-HL*	173	2645	850971	PBS 48-B-HL	198	2917

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

TPI Industrial Direct Drive Suspension Blowers

13



Features

- On-Off rocker switch
- SJT type 3 conductor, 12' long cord
- Aluminum blade
- Powder coated spiral wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- Spiral wire front and rear guards
- Meets OSHA standards
- 1 year limited warranty

Motor Specifications

- 120V., 1-Phase
- Ball bearing
- Permanent split capacitor
- 2-Speed on 30" & 36" model
- 1-Speed on 42" model
- Permanently lubricated

Standard Models

SIZE	MOTOR HP	UPC# 686334	MODEL	CFM		RPM HIGH	AMPS HIGH	SHIPPING WT. (LBS.)	LIST
				HIGH	LOW				
30"	1/4	874885	SB 30-D	7800	6000	1050	2.5	58	615
36"	1/3	873062	SB 36-D	12500	9000	1050	5.6	70	715
42"	1/2	873093	SB 42-D	16200		825	7.9	99	1007

TPI Industrial Belt Drive Suspension Blowers



HL MODELS
HAVE UL
LISTED
MOTOR



Features

- On-Off rocker switch on 120V, 1 phase models
- SJT type 3 conductor, 12' long cord on 120V, 1 phase models
- No cord on dual voltage models
- Aluminum blade
- Powder coated front and rear guards
- Corrosion and dent proof high density polyethylene housing
- Powder coated spiral wire front and rear guards
- Meets OSHA standards
- 1 year limited warranty
- Mounting chain not included.

Motor Specifications

- 120V., 1-Phase
- Ball bearing
- Permanent split capacitor
- 2-Speed on 30" & 36" model
- 1-Speed on 42" model
- Permanently lubricated

External junction boxes on dual voltage models allow units to be wired for either voltage without removing guards. Hazardous Location models have explosion proof motors and external junction boxes rated for Class I, Group D, & Class II, Groups E, F & G. (Metal housing and no switch.)

Standard Models

UPC# 686334	MODEL	SIZE	MOTOR		CFM	RPM	AMPS	SHIP WT. (LBS.)	LIST
			TYPE	HP					
796552	SB 36-B	36"	115 V	1/2	14,500	500	8	120	1015
796569	SB 42-B	42"	1 PH	3/4	18,200	430	11	135	1158
796576	SB 48-B	48"	ODP	1	22,700	390	15	155	1300
850988	SB 36-B-3	36"	230 / 460 V	1/2	14,500	500	2.3 / 1.1	127	1355
850995	SB 42-B-3	42"	3 PH	3/4	18,200	430	3.3 / 1.5	143	1640
851008	SB 48-B-3	48"	ODP	1	22,700	390	3.8 / 1.9	164	1727
851015	SB 36-B-HL*	36"	115 / 230 V	1/2	14,500	500	7.8 / 3.9	135	2143
851022	SB 42-B-HL*	42"	1 PH	3/4	18,200	430	10.8 / 5.4	150	2437
851039	SB 48-B-HL*	48"	EXP	1	22,700	390	13.2 / 6.6	173	2645

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

TPI Industrial Mini-Blowers

TOTALLY ENCLOSED MOTOR ALLOWS MINI-BLOWER TO BE USED IN DIRTY OR DUSTY ENVIRONMENTS.

AVAILABLE AS FLOOR MODEL OR YOKE MOUNTED MODEL THAT CAN BE DIRECTLY BOLTED TO ANY SURFACE OR USED WITH OPTIONAL WALL/CEILING MOUNT.



FLOOR
MODEL



MBM-W
(optional wall/ceiling mount)



YOKE MOUNTED
MODEL

Features

- Floor models have rotary switch
- Yoke mounted models have pull chain switch
- SJT type 3 conductor, 10' long cord
- Aluminum blade
- Spiral, wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- Meets OSHA standards
- 1 year limited warranty

Motor Specifications

- 1-Phase
- 1/4 HP
- Ball bearing
- Totally enclosed
- 120V
- 2-Speed
- Permanently lubricated
- Permanent split capacitor

Standard Models

UPC# 686334	MODEL	FAN		CFM / RPM		DIMENSIONS			AMPS (High)	SHIPPING WT.(LBS.)	LIST	
		TYPE	SIZE	HIGH	LOW	“H”	“W”	“D”				
874359	MB 24-DF	FLOOR STYLE	24”	6800 / 1140	5000 / 1070	29 1/2”	28 1/2”	14 1/4”	2.2	52	617	
874366	MB 24-DY	YOKE STYLE				29”	28 1/2”	14 1/4”		52	617	
874373	MB 30-DF	FLOOR STYLE	30”	7800 / 1040	6000 / 730	38 1/2”	37 1/2”	14 1/2”	2.5	58	682	
874380	MB 30-DY	YOKE STYLE				38”	37 1/2”	14 1/2”		58	682	
798907	MBM-W	OPTIONAL WALL/CEILING MOUNT FOR YOKE STYLE MINI-BLOWER									4	125

TPI Industrial Heavy Duty Square Belt Drive Portable Blowers



4" CASTERS

Features

- On-Off rocker switch
- SJT type 3 conductor, 12' long cord
- Aluminum blade
- Permanently lubricated bearings on blade drive shaft
- Powder coated front and rear guards
- Powder coated 20 gauge venturi
- 18 gauge galvanized steel housing
- Meets OSHA standards
- 1 Year limited warranty

Motor Specifications

- 1-Phase
- Ball bearing
- Drip proof motor
- 120V
- 1-Speed
- 1/2 Shaft
- Permanently lubricated

Standard Models

SIZE	UPC#	MODEL	MOTOR				DIMENSIONS			WT. (LBS.)	LIST
			HP	CFM	RPM	AMPS	"H"	"W"	"D"		
36"	868365	PCBT 36-B	1/2	10,850	500	8.0	48 1/4"	28 1/4"	22 1/2"	120	1578
42"	868372	PCBT 42-B	3/4	16,300	430	11.0	56 1/2"	34 1/4"	22 1/2"	140	2051
48"	868389	PCBT 48-B	1	22,700	390	15.0	62 1/2"	40 1/4"	18 1/2"	185	2493

TPI Industrial Heavy Duty Direct Drive Blowers

15

Features

- Totally enclosed and explosion proof motors
- Explosion proof motors are Class 1, Div 1, Group D and Class 2, Div 1, Groups F & G
- Cast Aluminum props
- 14 gauge steel body and stand
- Acid resistant coating available
- Baked enamel coating
- 360° Swivel on high and medium stand units
- Meets federal OSHA requirements
- 1 year limited warranty

NOTE:

Single phase motors are field convertible 115V / 230V

Three phase motors are field convertible 230V / 460V

Motors are set to lower voltage at the factory unless a request is made at time of order to set to the higher voltage



Standard Models

SIZE	MODEL	HP	RPM	CFM	DB's @ 10'	SHIPPING WT.			LIST											
						STAND			TEC		EXP		TEC		EXP		TEC		EXP	
						LOW	MED	HIGH	1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH
MODEL NUMBER SUFFIX'S									-L	-L-3	-L	-L-3	-M	-M-3	-M	-M-3	-H	-H-3	-H	-H-3
18"	MCD18-1/4	1/4	1725	3050	74	103	145	210	2574	2563	2964	3026	3173	3162	3557	3628	3463	3452	3854	7801
	MCD18-1/3	1/3	1725	3450	76	105	150	215	2662	2685	3168	3299	3260	3278	3766	3903	3551	3568	4062	7351
24"	MCD18-1	1	1725	4600	77	117	165	230	3003	2893	3562	3628	3607	3491	4156	4227	3897	3783	4451	4518
	MCD24-1/4	1/4	1725	5200	80	115	165	230	2634	2624	3014	3090	3310	3305	3689	3766	3546	3387	3925	4002
	MCD24-1/3	1/3	1140	5300	74	126	175	250	3058	3090	3886	3931	3732	3766	4561	4606	3968	3849	4797	4841
	MCD24-1/2	1/2	1725	6000	80	120	170	240	2855	2866	3448	3387	3530	3541	4122	4062	3766	3628	4358	4298
	MCD24-3/4	3/4	1140	6900	74	140	190	260	3645	3299	4133	4019	4320	3979	4809	4694	4556	4062	5044	4929
	MCD24-1	1	1725	7400	82	130	180	250	3097	2986	3650	3716	3771	3661	4325	4391	4007	3744	4561	4627
	MCD24-1 1/2	1.5	1725	8200	84	137	190	255	3272	3129	4836	3974	3947	3809	5511	4649	4183	3892	5747	4885
30"	MCD24-3	3	1725	10500	87	160	210	270	----	3415	----	4320	----	4090	----	5001	----	4177	----	5231
	MCD30-1/3	1/3	1140	6900	80	150	205	260	3354	3387	4183	4227	4095	4128	4924	4973	4391	4424	5214	5265
	MCD30-1/2	1/2	1725	8900	86	141	195	250	3156	3168	3750	3689	3903	3913	4495	4436	4195	4204	4786	4726
	MCD30-3/4	3/4	1140	10400	80	210	260	320	3860	3519	4342	4232	4600	4260	5089	4978	4891	4550	5379	5270
	MCD30-1	1	1140	11200	81	200	260	310	4627	3711	5517	4391	5373	4456	6263	5132	5664	4748	6553	5423
	MCD30-1 1/2	1.5	1725	12000	92	200	250	310	3562	3420	5127	4266	4303	4167	5873	5011	4594	4456	6164	5302
	MCD30-2	2	1140	14000	84	225	270	330	----	3968	----	4940	----	4715	----	5687	----	5006	----	5978
36"	MCD30-3	3	1725	16000	94	220	265	325	----	3633	----	4539	----	4380	----	5285	----	4672	----	5572
	MCD36-1	1	1140	13000	82	250	320	375	5226	4309	6115	4984	6142	5231	7036	5907	6335	5418	7223	6093
	MCD36-1 1/2	1.5	1725	14850	88	250	320	375	4133	3991	5697	4836	5050	4907	6614	5753	5242	5100	6806	5946
	MCD36-2	2	1140	17500	82	255	325	380	----	4408	----	5384	----	5330	----	6301	----	5517	----	6494
	MCD36-3	3	1725	18500	90	260	330	390	----	4210	----	5115	----	5127	----	6037	----	5318	----	6225
42"	MCD36-5	5	1725	23000	94	260	330	390	----	4282	----	5275	----	5198	----	6192	----	5384	----	6378
	MCD42-2	2	1140	19500	85	315	415	565	----	5061	----	6037	----	6037	----	7010	----	6423	----	7399
48"	MCD42-5	5	1725	27000	98	320	420	570	----	4929	----	5928	----	5907	----	6899	----	6296	----	7295
	MCD48-5	5	1140	32000	92	500	620	710	----	6686	----	8327	----	7762	----	9402	----	8446	----	10089
	MCD48-7 1/2	7.5	1140	37000	105	625	745	835	----	7762	----	10479	----	8838	----	11554	----	9523	----	12235
	MCD48-10	10	1140	41000	105	682	800	890	----	9084	----	11505	----	10160	----	12575	----	10841	----	13262
60"	MCD60-3	3	690	35000	87	690	855	965	----	14250	----	----	----	16280	----	----	----	16746	----	----
	MCD60-5	5	690	45000	87	730	895	1005	----	16027	----	----	----	18052	----	----	----	18524	----	----
	MCD60-7 1/2	7.5	870	47000	90	945	1110	1220	----	13431	----	----	----	15457	----	----	----	15923	----	----
	MCD60-10	10	870	57200	91	1035	1200	1310	----	16718	----	----	----	18744	----	----	----	19216	----	----
	MCD60-15	15	870	60750	92	1080	1245	1355	----	21867	----	----	----	23892	----	----	----	24364	----	----

Manual Starter Switches

MODEL		H.P. RATING	LIST PRICE TEC	
1 PH	3 PH		1 PH	3 PH
SW-1/4	SW-1/4-3	1/4-1/3	496	1184
SW-1/2	SW-1/2-3	1/2-3/4	496	1184
SW-1	SW-1-3	1	496	1184
SW-1 1/2	SW-1 1/2-3	1.5	1165	1184
----	SW-2-3	2	----	1184
----	SW-3-3	3	----	1184
----	SW-5-3	5	----	1184
----	SW-7 1/2-3	7.5	----	1124

Polyolfin Casters

MODEL	FAN SIZE	WHEEL SIZE	SHIPPING WT. (LBS)	LIST
CAS - 18	18" - 30"	4"	10	475
CAS - 48	36" - 48"	6"	14	669

(FOR LOW & MEDIUM STAND)
4 CASTERS - 2 LOCKING

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

TPI Industrial Heavy Duty Permanent Mount Direct Drive Blowers

16

Features



1-WAY
SWIVEL



2-WAY
SWIVEL

- Front and rear spiral guards
- Explosion proof motors are Class 1, Div 1, Group D and Class 2, Div 1, Groups F & G
- Cast aluminum props
- 14 gauge steel body and stand
- Meets federal OSHA requirements
- 1 year limited warranty

NOTE:

Single Phase motors are field convertible 115V / 230V

Three Phase motors are field convertible 230V / 460V

Motors are set to lower voltage at the factory unless a request is made at time of order to set to the higher voltage

Standard Models

BLADE SIZE	MODEL	HP	RPM	CFM	DB'S @ 10'	SHIPPING WT.		LIST PRICE							
								1-WAY SWIVEL				2-WAY SWIVEL			
						1-WAY SWIVEL	2-WAY SWIVEL	TEC		EXP		TEC		EXP	
								1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH
MODEL NUMBER SUFFIX'S								-T	-T-3	-T	-T-3	-S	-S-3	-S	-S-3
18"	MCD18-1/4	1/4	1725	3050	74	130	140	3415	3404	3798	3865	4286	4277	4677	4743
	MCD18-1/3	1/3	1725	3450	76	135	145	3502	3519	4007	4139	4375	4391	4885	5018
	MCD18-1	1	1725	4600	77	145	155	3842	3732	4397	4468	4720	4606	5275	5341
24"	MCD24-1/4	1/4	1725	5200	80	145	155	3519	3502	3897	3974	4436	4419	4809	4885
	MCD24-1/3	1/3	1140	5300	74	155	165	3941	3974	4770	4814	4853	4885	5682	5725
	MCD24-1/2	1/2	1725	6000	80	150	160	3738	3750	4331	4271	4649	4666	5242	5182
	MCD24-3/4	3/4	1140	6900	74	170	180	4529	4188	5018	4901	5440	5100	5928	5818
	MCD24-1	1	1725	7400	82	160	170	3979	3869	4534	4600	4891	4782	5446	5511
	MCD24-1 1/2	1.5	1725	8200	84	165	175	4149	4013	5719	4858	5066	4924	6631	5770
	MCD24-3	3	1725	10500	87	190	200	----	4298	----	5203	----	5209	----	6115
30"	MCD30-1/3	1/3	1140	6900	80	180	190	4271	4303	5100	5143	5281	5313	6104	6153
	MCD30-1/2	1/2	1725	8900	86	170	180	4073	4084	4672	4606	5084	5094	5676	5615
	MCD30-3/4	3/4	1140	10400	80	240	250	4776	4431	5265	5148	5781	5440	6269	6159
	MCD30-1	1	1140	11200	81	230	240	5544	4627	6439	5308	6553	5637	7443	6312
	MCD30-1 1/2	1.5	1725	12000	92	230	240	4479	4337	6044	5182	5489	5346	7053	6192
	MCD30-2	2	1140	14000	84	255	265	----	4885	----	5857	----	5895	----	6866
	MCD30-3	3	1725	16000	94	250	260	----	4550	----	5462	----	5554	----	6466
36"	MCD36-1	1	1140	13000	82	295	305	6367	5446	7257	6120	7618	6697	8508	7376
	MCD36-1 1/2	1.5	1725	14850	88	295	305	5265	5127	6834	5971	6521	6378	8085	7223
	MCD36-2	2	1140	17500	82	300	310	----	5544	----	6521	----	6801	----	7773
	MCD36-3	3	1725	18500	90	315	325	----	5346	----	6253	----	6598	----	7504
	MCD36-5	5	1725	23000	94	305	315	----	5412	----	6411	----	6670	----	7663

Exhaust Ventilation Guide

Minute air change chart for
Commercial and Industrial Applications.

CFM Required for Ventilation = $\frac{\text{Building Cubic Feet}}{\text{Minutes Per Air Change}}$

Place	Typical	Range
Assembly	(6)	2-10
Auditoriums	(6)	1-20
Bakeries	(2)	1-3
Banks	(6)	3-10
Bars	(4)	2-5
Barns	(15)	10-20
Boiler Rooms	(2)	1-3
Bowling Alley	(3)	1-5
Cafeteria	(4)	3-5
Churches	(6)	2-10
Classrooms	(6)	4-8
Compressor Rooms	(2)	1-3
Dance Halls	(6)	2-10
Dairies	(4)	2-5
Dormitories	(6)	4-8
Dry Cleaning Plant	(3)	1-5

Place	Typical	Range
Engine Rooms	(3)	1-5
Factories	(7)	4-10
Foundries	(5)	2-8
Garages	(7)	4-10
Generating Plants	(4)	2-5
Glass Plants	(2)	1-3
Gymnasiums	(6)	2-10
Hallways	(8)	4-12
Kitchens (Comm.)	(3)	1-5
Laboratories	(3)	1-5
Libraries	(4)	2-5
Laundries	(2)	1-3
Locker Rooms	(6)	2-10
Machine Shops	(4)	2-5
Markets	(6)	2-10

Place	Typical	Range
Mills	(4)	2-5
Packing Houses	(4)	3-5
Plants	(7)	4-10
Plating Plants	(4)	2-5
Print Shops	(7)	4-10
Restaurants	(6)	2-10
Rest Rooms	(7)	4-10
Schools	(7)	4-10
Stores	(7)	4-10
Theaters	(6)	4-8
Transformer Rooms	(3)	1-5
Turbine Rooms	(4)	2-5
Waiting Rooms	(12)	10-15
Warehouses	(7)	4-10
Welding Rooms	(3)	1-4

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Tubeaxial Belt Drive Duct Fans



Features

- Eliminates fumes and vapors from paint spray booths and other hazardous areas
- Totally enclosed and explosion proof motors
- 1-Phase motors are field convertible 115V/230V
- 3-Phase motors are field convertible 230V/460V
- Motors are set to lower voltage at the factory unless a request is made at time of order to set them to the higher voltage
- Explosion proof motors are Class 1, Div 1, Group D and Class 2, Div 1, Groups F & G
- Recommended for most paint spray applications because motor is out of air
- 14 gauge steel drum including mounting flanges at each end
- Completely enclosed belt and ball bearing housing
- Adjustable motor base for proper belt tension
- Rugged cast aluminum blade, non-sparking
- Fan can be mounted to operate in any position
- 1 year limited warranty

Options

- Companion flanges
- Protective coating
- Access doors
- Belt guards
- Motor covers
- Fan guards

Standard Models

BLADE SIZE	1-PHASE 115/230V-60Hz	3-PHASE 230/460v-60Hz	HP	RPM	BLADES	C.F.M - STATIC PRESSURE				Db's @10'	WT (LBS)	LIST			
												TEC		EXP	
						0"	1/4"	1/2"	3/4"			1 PH	3 PH	1 PH	3 PH
MODEL															
12"	TXB12-1/4	TXB12-1/4-3	1/4	2625	4	1444	1033	380	----	77	62	2108	2097	2504	2569
	TXB12-1/3	TXB12-1/3-3	1/3	2875	4	1586	1135	415	----	78	65	2151	2173	2667	2803
	TXB12-1/2	TXB12-1/2-3	1/2	3450	4	1875	1400	1250	1100	83	65	2151	2151	2651	2874
	TXB12-3/4	TXB12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	67	2341	2341	2831	3036
15"	TXB15-1/4	TXB15-1/4-3	1/4	2000	6	2600	1700		----	77	67	2320	2309	2716	2781
	TXB15-1/3	TXB15-1/3-3	1/3	2200	6	2950	2100	1000	----	78	69	2390	2407	2901	3036
	TXB15-1/2	TXB15-1/2-3	1/2	1890	6	3350	2650	1500	----	76	75	2461	2471	3069	3004
	TXB15-3/4	TXB15-3/4-3	3/4	2200	6	3900	3400	2700	1150	78	85	2678	2536	3286	3134
18"	TXB18-1/4	TXB18-1/4-3	1/4	1600	6	3050	2000		----	76	80	2450	2439	2846	2911
	TXB18-1/3	TXB18-1/3-3	1/3	1725	6	3375	2600	1400	----	77	85	2477	2515	3009	3145
	TXB18-1/2	TXB18-1/2-3	1/2	1890	6	3850	3100	2000	----	78	95	2569	2581	3177	3112
	TXB18-1	TXB18-1-3	1	1725	6	4600	4080	3000	2100	77	105	2933	2797	3492	3547
24"	TXB18-1 1/2	TXB18-1 1/2-3	1.5	1990	6	5350	4830	3950	3000	80	105	3069	2927	4672	3792
	TXB24-1/2	TXB24-1/2-3	1/2	1298	6	5643	4826	3500	----	78	120	2786	2797	3394	3329
	TXB24-3/4	TXB24-3/4-3	3/4	1600	6	6906	5900	4650	2750	80	130	3042	2901	3650	3498
	TXB24-1	TXB24-1-3	1	1725	6	7425	6350	5000	3300	84	140	3069	2949	3650	3704
27"	TXB24-1 1/2	TXB24-1 1/2-3	1.5	1540	6	8200	7650	6850	5500	81	145	3731	3590	5328	4453
	TXB24-2	TXB24-2-3	2	1600	6	9760	8830	8090	7000	82	170	4242	3786	5457	4649
	-----	TXB24-3-3	3	1725	6	10500	9500	8700	7800	86	190	----	3905	----	4834
	TXB27-3/4	TXB27-3/4-3	3/4	1250	6	8330	7550	6500	4650	78	150	3726	3579	4329	4182
30"	TXB27-1	TXB27-1-3	1	1400	6	9400	8480	7300	5200	82	155	3749	3633	4329	4378
	TXB27-1 1/2	TXB27-1 1/2-3	1.5	1600	6	10700	9700	8375	6000	84	170	3917	3774	5512	4632
	TXB27-2	TXB27-2-3	2	1350	6	11500	10700	9300	8000	81	210	4367	3910	5589	4780
	TXB30-1/2	TXB30-1/2-3	1/2	1140	4	8900	6660	2300	----	79	140	3524	3542	4133	4074
34"	TXB30-1	TXB30-1-3	1	1298	6	9867	7980	4120	----	82	150	3910	3797	4491	4546
	TXB30-1 1/2	TXB30-1 1/2-3	1.5	1035	6	11100	9700	7500	3500	78	165	4078	3937	5676	4801
	TXB30-2	TXB30-2-3	2	1176	6	12100	11000	9322	6700	81	215	4465	4008	5686	4878
	-----	TXB30-3-3	3	1350	6	13480	12498	11465	10380	84	215	----	4274	----	5198
42"	-----	TXB30-5-3	5	1650	6	16440	15242	13982	12659	88	230	----	4323	----	5334
	TXB34-1 1/2	TXB34-1 1/2-3	1.5	1170	6	13695	11100	6000	1015	82	190	4715	4574	6311	5432
	TXB34-2	TXB34-2-3	2	1027	6	14657	12590	10000	8000	81	240	5252	4796	6468	5664
	-----	TXB34-3-3	3	1175	6	17580	15896	14095	12000	85	260	----	4921	----	5844
48"	-----	TXB34-5-3	5	1416	6	20500	19000	17500	16000	88	305	----	4953	----	5974
	TXB42-1 1/2	TXB42-1 1/2-3	1.5	750	4	18960	14662	7200	----	78	250	5757	5616	7354	6474
	TXB42-2	TXB42-2-3	2	820	4	20700	17002	11400	4000	80	260	6164	5708	7387	6572
	-----	TXB42-3-3	3	890	4	23700	20200	16970	9950	82	260	----	5827	----	6750
48"	-----	TXB42-5-3	5	850	6	26900	24403	22250	18400	82	270	----	6132	----	7148
	-----	TXB48-5-3	5	800	6	33000	29000	25600	20000	85	375	----	9091	----	10107
48"	-----	TXB48-7 1/2-3	7.5	900	6	37000	34500	31000	27000	87	520	----	9656	----	11367

Dimensions

SIZE	HOUSING INNER DIMENSION	HOUSING OUTER DIMENSION	BOLT HOLE CENTERS	HOUSING DEPTH
12"	12"	14"	13 1/8"	12"
15"	15"	17"	16 1/8"	12"
18"	18"	20"	19 1/8"	12"
24"	24"	27"	25 3/4 "	12" & 16"
27"	27"	30"	28 3/4"	16"
30"	30"	33"	31 3/4"	16"
34"	34"	37"	35 3/4"	16"
42"	42"	45"	43 9/16"	18"
48"	48"	51"	49 5/8"	24"

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Tubeaxial Direct Drive Duct Fans

18



Features

- Totally enclosed and explosion proof motors
- 1-Phase motors are field convertible 115V/230V
- 3-Phase motors are field convertible 230V/460V
- Motors are set to lower voltage at the factory unless a request is made at time of order to set them to the higher voltage
- Explosion proof motors are Class 1, Div 1, Group D and Class 2, Div 1, Groups F & G
- 14 gauge steel drum including mounting flanges
- Fan can be mounted to operate in any position
- Rugged cast aluminum blade, non-sparking
- 1 year limited warranty

Dimensions

SIZE	HOUSING INNER DIM.	HOUSING OUTER DIM.	BOLT HOLE CENTERS	HOUSING DEPTH
12"	12"	14"	13 1/8"	14"
18"	18"	20"	19 1/8"	14"
24"	24"	27"	25 3/4"	18"
27"	27"	30"	28 3/4"	18"
30"	30"	33"	31 3/4"	18"
34"	34"	37"	35 3/4"	18"
42"	42"	45"	43 9/16"	18"
48"	48"	51"	49 5/8"	18"

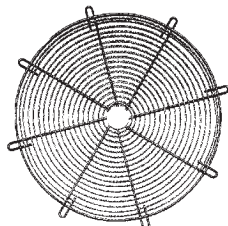
Options

- Companion flanges
- Protective coating
- Fan guards
- Access doors

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	BLADES	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. Lbs.	LIST			
	MODEL					TEC		EXP							
						1 PH	3 PH	1 PH	3 PH						
12"	TXD12-1/4	TXD12-1/4-3	1/4	1725	4	1180	520	----	----	77	40	1563	1548	1944	2009
	TXD12-1/2	TXD12-1/2-3	1/2	3450	4	1875	1400	1250	1100	82	45	1607	1602	2172	2417
	TXD12-3/4	TXD12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	45	1667	1667	2319	2498
18"	TXD18-1/4	TXD18-1/4-3	1/4	1725	4	3450	2500	----	----	74	55	1846	1831	2226	2291
	TXD18-1/3	TXD18-1/3-3	1/3	1725	6	3375	2600	1400	----	75	65	1938	1955	2432	2568
	TXD18-1/2	TXD18-1/2-3	1/2	1725	6	4150	3150	1700	----	77	65	2014	2025	2601	2542
	TXD18-1	TXD18-1-3	1	1725	6	4600	4080	3000	2100	80	70	2270	2160	2834	2882
24"	TXD24-1/4	TXD24-1/4-3	1/4	1725	2	5200	2820	----	----	80	95	2025	2014	2406	2421
	TXD24-1/3	TXD24-1/3-3	1/3	1140	6	4975	4250	2850	----	74	110	2437	2476	3257	3307
	TXD24-1/2	TXD24-1/2-3	1/2	1725	4	6510	5200	3100	1800	80	115	2238	2248	2824	2764
	TXD24-3/4	TXD24-3/4-3	3/4	1140	6	6900	6265	3300	----	74	125	3024	2688	3502	3393
	TXD24-1	TXD24-1-3	1	1725	6	7425	6350	5000	3300	82	120	2481	2367	3046	3096
	TXD24-2	TXD24-2-3	2	1725	6	9525	8810	7980	6960	84	120	3003	2557	4185	3398
	-----	TXD24-3-3	3	1725	6	10500	9500	8700	7800	86	130	----	2780	----	3676
27"	TXD27-1/2	TXD27-1/2-3	1/2	1725	4	7550	6000	4000	2000	86	125	2444	2449	3024	2964
	TXD27-1	TXD27-1-3	1	1725	4	9600	8400	7050	4800	86	155	2649	2542	3214	3264
	TXD27-2	TXD27-2-3	2	1725	6	11500	10700	9300	8000	86	165	3231	2785	4413	3627
30"	TXD30-1/2	TXD30-1/2-3	1/2	1725	4	8980	6300	4350	2300	86	130	2542	2553	3128	3068
	TXD30-3/4	TXD30-3/4-3	3/4	1140	6	10440	8750	6000	----	80	150	3416	3078	3898	3800
	TXD30-2	TXD30-2-3	2	1725	6	12000	10450	8700	6000	89	155	3323	2877	4506	3719
	-----	TXD30-3-3	3	1725	6	16000	14700	12900	10200	89	175	----	3008	----	3909
34"	TXD34-1 1/2	TXD34-1 1/2-3	1.5	1725	4	13350	10000	7300	----	88	175	3416	3274	4967	4110
	TXD34-2	TXD34-2-3	2	1725	4	14850	12100	8800	4000	89	200	3784	3339	4967	4181
	-----	TXD34-3-3	3	1140	3	19300	17230	14800	11614	86	250	----	4326	----	5462
	-----	TXD34-5-3	5	1725	6	21000	18900	17500	14850	91	220	----	3556	----	4545
36"	TXD36-2	TXD36-2-3	2	1140	6	17620	15200	12300	8500	84	210	----	3708	----	4675
	-----	TXD36-3-3	3	1725	4	18500	15700	13900	11500	89	230	----	4127	----	5261
42"	-----	TXD42-1-3	1	870	4	15800	13480	5800	900	81	270	----	4484	----	----
	TXD42-2	TXD42-2-3	2	1140	4	17964	15326	12351	7600	87	260	----	4225	----	5184
	-----	TXD42-3-3	3	1140	4	24500	23000	19650	14000	87	260	----	4733	----	5868
	-----	TXD42-5-3	5	1140	4	28970	26840	24200	19500	87	300	----	4908	----	6532
48"	-----	TXD48-3-3	3	1140	4	28600	24400	20000	15900	94	290	----	5901	----	7035
	-----	TXD48-5-3	5	870	4	33000	29750	25300	18000	86	500	----	7503	----	----

Duct Fan Guards



Features

- Enamel finish
- Can be used as front or rear guards. (Rear guard for TXD models must be ordered with fan)

Standard Models

FAN SIZE	MODEL	LIST	FAN SIZE	MODEL	LIST
12"	TXG-12	136	30"	TXG-30	187
15"	TXG-15	136	34"	TXG-34	238
18"	TXG-18	136	36"	TXG-36	246
24"	TXG-24	149	42"	TXG-42	270
27"	TXG-27	187	48"	TXG-48	354

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Shutter Mounted Direct Drive Exhaust Fans

Features

- Can be installed from inside wall
- Eliminates need for external framing and shutter
- Pull chain switch
- No Cord-Junction box provided for direct wiring
- Aluminum blade
- Steel spiral wire guards

Motor Specifications

- 120V, 1 phase, totally enclosed, permanently lubricated
- 1/12 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/8 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/4 HP motor is 2-Speed ball bearing permanent split capacitor

Note: Rough-in hole size is 1/2" inch larger than fan blade size

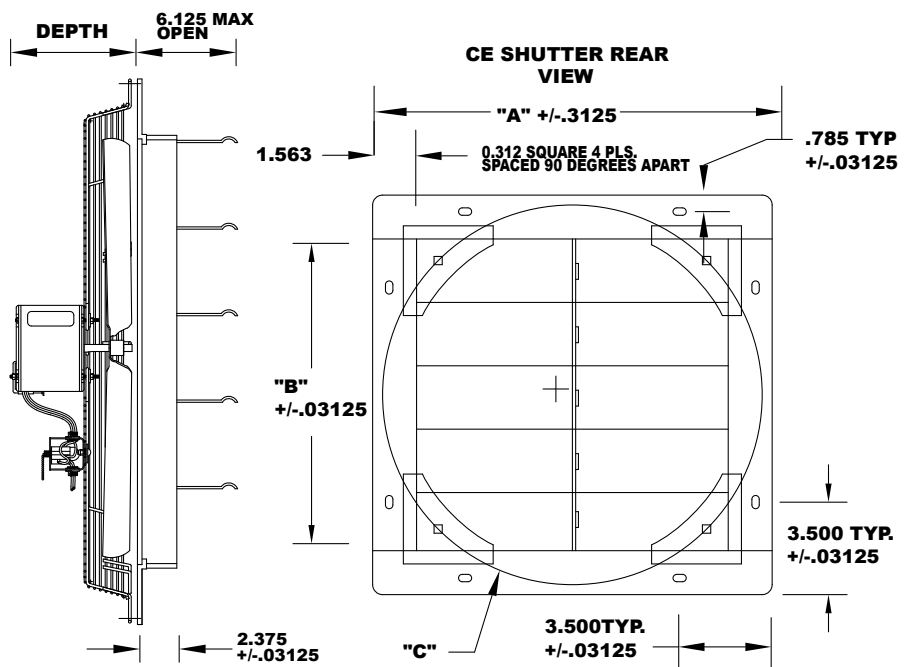


Standard Models

FAN SIZE	UPC# 686334	MODEL	HP	CFM / RPM			AMPS HIGH	WT. (LBS)	LIST
				HIGH	MED	LOW			
10"	868990	CE 10-DS	1/12	680 / 1560	540 / 1250	460 / 1080	1	11	294
12"	798624	CE 12-DS	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	16	332
14"	869003	CE 14-DS	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	421
16"	869010	CE 16-DS	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	440
18"	798631	CE 18-DS	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	25	479
20"	869027	CE 20-DS	1/4	2925 / 1140	-	2380 / 1070	2.3	34	567
24"	798648	CE 24-DS	1/4	3400 / 1140	-	2770 / 1070	2.5	47	632
30"	798655	CE 30-DS	1/4	3950 / 1140	-	3080 / 1070	2.7	54	791

Dimensions (Inches)

SIZE	DEPTH	DIMENSIONS		
		"A"	"B"	"C"
10"	5.81"	13.125"	10"	12.375"
12"	7.18"	15.125"	12"	14.375"
14"	7.18"	17.125"	14"	16.375"
16"	7.18"	19.125"	16"	18.250"
18"	7.18"	21.125"	18"	21.750"
20"	7.18"	23.125"	20"	23.686"
24"	7.18"	27.125"	24"	27.750"
30"	7.18"	33.125"	30"	33.750"



Guard Mounted Direct Drive Exhaust Fans

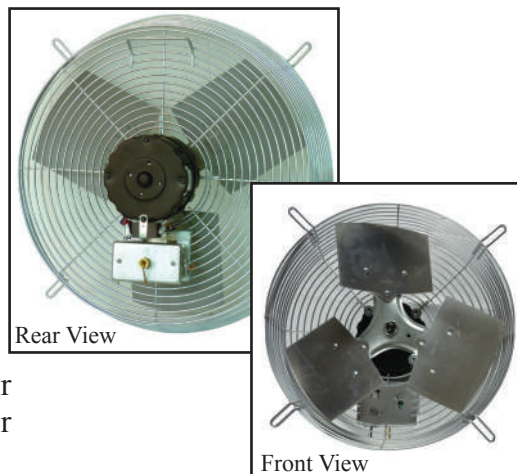
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Features

- Bolts directly to the wall
 - Can be used with or without external shutter
 - Pull chain switch
 - No Cord-Junction box provided for direct wiring
 - Aluminum blade
 - Steel spiral wire guards
- Note: Rough-in hole size is 1/2" inch larger than fan blade size

Motor Specifications

- 120V, 1-Phase, totally enclosed, permanently lubricated
- 1/12 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/8 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/4 HP motor is 2-Speed ball bearing permanent split capacitor

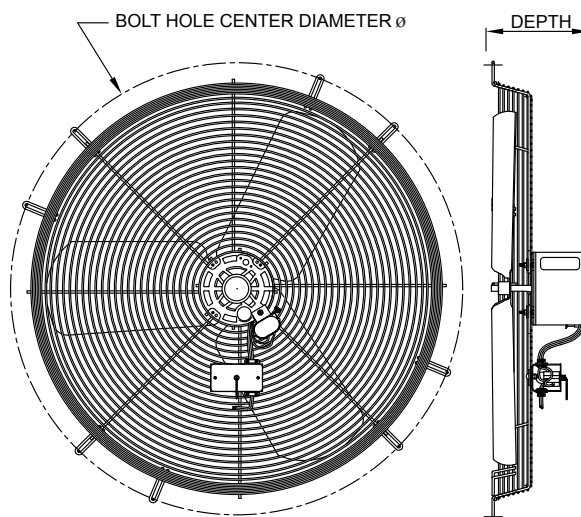


Standard Models

FAN SIZE	UPC# 686334	MODEL	HP	CFM / RPM			AMPS HIGH	WT. (LBS)	LIST
				HIGH	MED	LOW			
10"	868952	CE 10-D	1/12	680 / 1560	540 / 1250	460 / 1080	1	11	249
12"	798501	CE 12-D	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	12	281
14"	868969	CE 14-D	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	298
16"	868976	CE 16-D	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	313
18"	798495	CE 18-D	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	19	344
20"	868983	CE 20-D	1/4	2925 / 1140	-	2380 / 1070	2.3	34	447
24"	798488	CE 24-D	1/4	3400 / 1140	-	2770 / 1070	2.5	38	497
30"	798471	CE 30-D	1/4	3950 / 1140	-	3080 / 1070	2.7	42	580

Dimensions (Inches)

SIZE	BOLT HOLE CENTER WIDTH	DEPTH
10"	14.14"	5.81"
12"	16.46"	7.18"
14"	18.30"	7.18"
16"	20.34"	7.18"
18"	22.64"	7.18"
20"	25.46"	7.18"
24"	29.08"	7.18"
30"	34.89"	7.18"



Optional Wall Shutters

FAN SIZE	UPC# 686334	MODEL	WT. (LBS)	LIST
10"	868433	CES-10G	5	66
12"	798556	CES-12G	5.5	92
14"	868457	CES-14G	6.5	111
16"	851473	CES-16G	8	130
18"	798563	CES-18G	9	158
20"	797528	CES-20G	10	175
24"	798570	CES-24G	13	195
30"	798587	CES-30G	19	228

Venturi Mounted Direct Drive Exhaust Fans

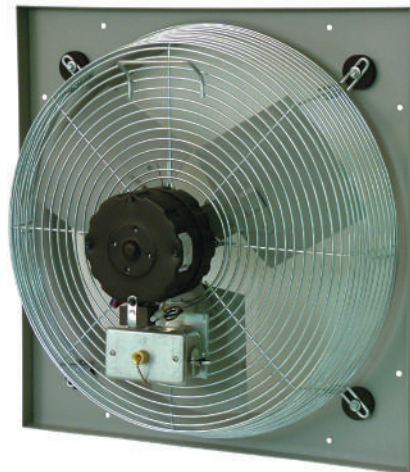
Features

- Can be installed from inside wall
- Can be used with external shutter
- Pull chain switch
- No Cord-Junction box provided for direct wiring
- Aluminum blade
- Steel spiral wire guards

Motor Specifications

- 120V, 1-Phase, totally enclosed, permanently lubricated
- 1/12 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/8 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/4 HP motor is 2-Speed ball bearing permanent split capacitor

Note: Rough-in hole size is 1/2" inch larger than fan blade size

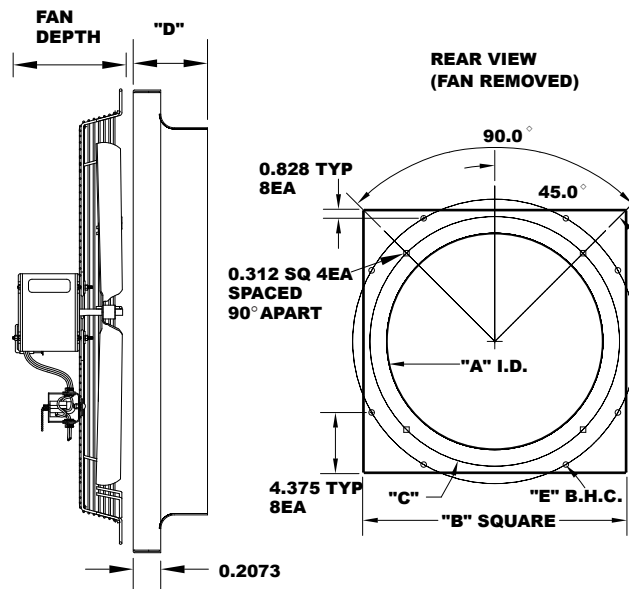


Standard Models

FAN SIZE	UPC# 686334	MODEL	HP	CFM / RPM			AMPS HIGH	WT. (LBS)	LIST
				HIGH	MED	LOW			
10"	869034	CE 10-DV	1/12	680 / 1560	540 / 1250	460 / 1080	1	11	294
12"	798662	CE 12-DV	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	17	331
14"	869041	CE 14-DV	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	421
16"	869058	CE 16-DV	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	440
18"	798679	CE 18-DV	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	26	479
20"	869065	CE 20-DV	1/4	2925 / 1140	-	2380 / 1070	2.3	34	567
24"	798686	CE 24-DV	1/4	3400 / 1140	-	2770 / 1070	2.5	48	632
30"	798693	CE 30-DV	1/4	3950 / 1140	-	3080 / 1070	2.7	55	791

Dimensions (Inches)

SIZE	DEPTH	DIMENSIONS				
		"A"	"B"	"C"	"D"	"E"
10"	5.81"	10.250"	12.63"	12.375"	2.000"	12.875"
12"	7.18"	12.250"	14.50"	14.375"	2.000"	14.625"
14"	7.18"	14.250"	17.13"	16.375"	2.500"	17.375"
16"	7.18"	16.250"	19.13"	18.250"	2.875"	20.000"
18"	7.18"	18.125"	21.00"	21.750"	2.750"	22.875"
20"	7.18"	20.250"	23.13"	23.686"	2.750"	25.625"
24"	7.18"	24.250"	29.50"	27.750"	2.875"	27.875"
30"	7.18"	30.250"	33.50"	33.750"	2.875"	33.875"



Optional Wall Shutters

FAN SIZE	UPC# 686334	MODEL	DIMENSIONS		WT. (LBS)	LIST
			WIDTH	LENGTH		
10"	868433	CES-10G	13.13"	13.13"	5.0	66
12"	798556	CES-12G	15.13"	15.13"	5.5	92
14"	868457	CES-14G	17.13"	17.13"	6.5	111
16"	851473	CES-16G	19.00"	19.00"	8.0	130
18"	798563	CES-18G	21.13"	21.13"	9.0	158
20"	797528	CES-20G	23.13"	23.13"	10.0	175
24"	798570	CES-24G	27.13"	27.13"	13.0	195
30"	798587	CES-30G	33.13"	33.13"	19.0	228

Commercial Exhaust Fans & Shutters

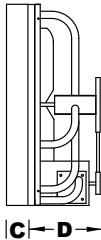
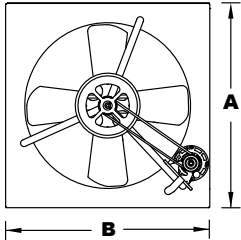
22

Belt-Drive Exhaust Fan

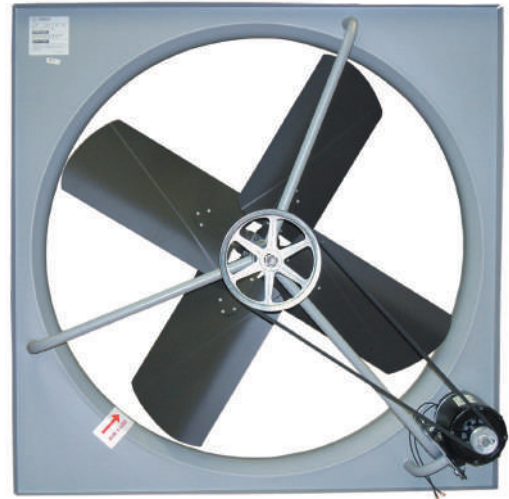
Features

- 120V, 1 phase or 230 / 460V, 3-Phase, ball bearing, permanently lubricated, drip proof motor
- Permanently lubricated bearings on blade drive shaft
- Aluminum blade
- Powder coated venturi
- 1725 RPM • Motor frame size 56 • 5/8" shaft • 1 year warranty

Dimensions (Inches)



MODEL	DIMENSIONS A x B x C x D
CE-24B	29.5" x 28" x .75" x 17"
CE-30B	35.5" x 34" x .75" x 17"
CE-36B	41.5" x 40" x .75" x 17"
CE-42B	48" x 48" x .75" x 17"
CE-48B	54" x 54" x .75" x 17"



Standard Models

SIZE	MOTOR HP	AMPS		CFM	WT. (LBS)	115V 1-PHASE			230/460V 3-PHASE		
		115V	230/460V			UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24	1/3	5	1.9 / .9	3270	50	796705	CE-24B	714	851046	CE-24B-3	822
30	1/3	6	1.9 / .9	7730	60	796712	CE-30B	805	851053	CE-30B-3	919
36	1/2	8	2.3 / 1.1	9870	65	796729	CE-36B	930	851060	CE-36B-3	1039
42	3/4	11	3.3 / 1.5	14800	75	796736	CE-42B	1167	851077	CE-42-B-3	1448
48	1	15	3.8 / 1.9	21500	98	796743	CE-48B	1459	851084	CE-48-B-3	1543

Optional Exhaust Shutters



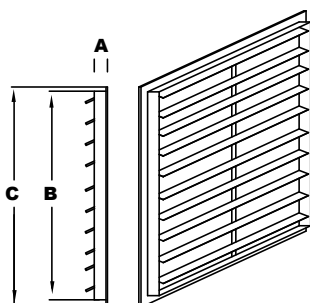
Features

- Air open - gravity close
- Aluminum frame
- Aluminum blade
- Weather stripping for tighter seal

Standard Models

UPC# 686334	MODEL	SHIPPING WT.(LBS.)	LIST
796750	CES-24	11	239
796767	CES-30	15	294
796774	CES-36	19	515
796781	CES-42	23	654
796798	CES-48	28	754

Shutter Dimensions (Inches)



- (A) Thickness
(B) Blade Housing Size
(C) Overall Size

Standard Models

MODEL	OUTSIDE FRAME DIMENSIONS A x C x C	INSIDE FRAME DIMENSIONS B x B
CES-24	3" x 27" x 27"	24" x 24"
CES-30	3" x 33" x 33"	30" x 30"
CES-36	3" x 39" x 39"	36" x 36"
CES-42	3" x 45" x 45"	42" x 42"
CES-48	3" x 51" x 51"	48" x 48"

* Recommend adding 1/2" to inside frame dimension for wall opening.

Heavy Duty Belt Drive Exhaust Fans

23

Features

- Totally enclosed and explosion proof motors
 - Explosion proof motors are Class 1, Div 1 Group D and Class 2, Div 1, Groups F & G
- Fans are shipped completely assembled
- Heavy gauge steel blades on TEC models
- Cast aluminum blades on EXP explosion proof models
- 14 gauge steel panel with welded steel pipe bracing
- 1 year limited warranty

Options

- CES Shutters
- Acid Resistant Coating
- EMF Front Guards
- Reversed Air Flow
- IBG Rear Guards
- Flat Front Venturi



Standard Models

BLADE SIZE	MODEL		PANEL SIZE (Sq.)	HP	RPM	CFM 0" SP	db's @ 10"	WT. (LBS)	LIST			
	1-PHASE	3-PHASE							TEC		EXP	
	115/230V-60Hz	230/460v-60Hz							1 PH	3 PH	1 PH	3 PH
24"	EHB24-1/4	EHB24-1/4-3	30"	1/4	780	4900	60	100	2559	2548	3476	3542
	EHB24-1/2	EHB24-1/2-3		1/2	980	6219	66	130	2707	2718	3827	3794
	EHB24-3/4	EHB24-3/4-3		3/4	1140	7090	71	140	2894	2745	4019	3870
	EHB24-1	EHB24-1-3		1	1250	7180	73	140	3081	2965	4063	4117
30"	EHB30-1/4	EHB30-1/4-3	36"	1/4	540	7178	61	140	2729	2718	3822	3888
	EHB30-1/3	EHB30-1/3-3		1/3	595	7909	63	150	2778	2795	3987	4123
	EHB30-1/2	EHB30-1/2-3		1/2	640	8507	64	155	2849	2861	4168	4140
	EHB30-3/4	EHB30-3/4-3		3/4	770	10235	66	165	3097	2948	4420	4271
	EHB30-1	EHB30-1-3		1	975	10668	70	170	3255	3141	4458	4514
	EHB30-1 1/2	EHB30-1 1/2-3		1 1/2	1140	12473	77	180	3398	3245	5627	4744
36"	EHB36-1/3	EHB36-1/3-3	42"	1/3	460	9113	64	160	3229	3245	4338	4475
	EHB36-1/2	EHB36-1/2-3		1/2	530	10500	66	180	3306	3316	4617	4585
	EHB36-3/4	EHB36-3/4-3		3/4	605	11985	68	200	3519	3377	4831	4684
	EHB36-1	EHB36-1-3		1	665	13174	70	200	3542	3425	4837	4886
	EHB36-1 1/2	EHB36-1 1/2-3		1 1/2	720	13660	72	210	3992	3849	6132	5243
	EHB36-2	EHB36-2-3		2	870	16554	74	215	4409	3947	----	5436
42"	EHB42-1/3	EHB42-1/3-3	48"	1/3	335	10614	64	205	3360	3377	4744	4881
	EHB42-1/2	EHB42-1/2-3		1/2	390	12343	65	210	3431	3443	4908	4886
	EHB42-3/4	EHB42-3/4-3		3/4	435	14040	67	225	3657	3514	5195	5039
	EHB42-1	EHB42-1-3		1	490	15429	69	230	3705	3590	5199	5243
	EHB42-1 1/2	EHB42-1 1/2-3		1 1/2	550	17420	71	240	3854	3712	6384	5496
	EHB42-2	EHB42-2-3		2	725	20653	74	245	4568	4106	----	5738
	----	EHB42-3-3		3	830	23645	79	250	----	4239	----	5919
48"	EHB48-1/2	EHB48-1/2-3	54"	1/2	330	15230	69	190	4244	4255	5901	5874
	EHB48-3/4	EHB48-3/4-3		3/4	370	17339	70	195	4452	4310	6259	6110
	EHB48-1	EHB48-1-3		1	410	19188	71	235	4480	4365	6264	6319
	EHB48-1 1/2	EHB48-1 1/2-3		1 1/2	465	21731	72	245	4661	4519	7439	6549
	EHB48-2	EHB48-2-3		2	520	24274	74	250	5408	4947	----	6763
	----	EHB48-3-3		3	680	28150	80	270	----	5090	----	6962
	----	EHB48-5-3		5	800	33160	83	285	----	5149	----	7098
60"	EHB60-1	EHB60-1-3	66"	1	280	23090	76	380	6247	6132	8466	8521
	EHB60-1 1/2	EHB60-1 1/2-3		1 1/2	340	28068	77	390	6396	6254	9646	8762
	EHB60-2	EHB60-2-3		2	390	32200	78	395	6775	6313	----	8877
	----	EHB60-3-3		3	450	37183	84	410	----	6621	----	9167
	----	EHB60-5-3		5	540	44600	86	420	----	6671	----	9300

Single Phase motors are field convertible 115V/230V. Three phase motors are field convertible 230V/460V. Motors are set to lower voltage at the factory, unless a request is made at time of order to set to the higher voltage. Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Dimensions

SIZE	BLADE DIAMETER	PANEL SIZE	DEPTH DIMENSION
24"	24"	30"	16"
30"	30"	36"	16"
36"	36"	42"	18"
42"	42"	48"	20"
48"	48"	54"	21"
60"	60"	66"	26"

Note: Depth dimension varies with motor selection.

Heavy Duty Direct Drive Exhaust Fans

24

Features

- Totally enclosed and explosion proof motors.
 - Explosion proof motors are Class 1, Div 1 Group D and Class 2, Div 1, Groups F & G
- Fans are shipped completely assembled
- Cast aluminum blades
- 14 gauge steel panel with welded steel pipe bracing
- 1 year limited warranty

Options

- CES Shutters
- EMF Front Guards
- IBG Rear Guards
- Acid Resistant Coating
- Reversed Air Flow
- Flat Front Venturi



Standard Models

BLADE SIZE	MODEL		PANEL SIZE (Sq.)	HP	RPM	CFM 0" SP	db's @ 10'	WT lbs.	LIST			
	1-PHASE	3-PHASE							TEC		EXP	
	115/230V-60Hz	230/460v-60Hz							1 PH	3 PH	1 PH	3 PH
12"	EHD12-1/4	EHD12-1/4-3	16"	1/4	1725	1180	74	35	1548	1538	1938	2004
16"	EHD16-1/4	EHD16-1/4-3	20"	1/4	1725	2800	75	45	1888	1900	2279	2345
18"	EHD18-1/3	EHD18-1/3-3	24"	1/3	1725	3375	75	60	2004	2020	2515	2652
	EHD18-1/2	EHD18-1/2-3		1/2	1725	4150	76	60	2090	2103	2690	2662
20"	EHD20-1/4	EHD20-1/4-3	24"	1/4	1725	3720	75	60	1915	1905	2311	2371
	EHD20-1/2	EHD20-1/2-3		1/2	1725	4800	76	65	2064	2081	2667	2640
24"	EHD20-1	EHD20-1-3	30"	1	1725	6900	77	70	2306	2196	2881	2932
	EHD24-1/4	EHD24-1/4-3		1/4	1725	5200	82	135	2032	2020	2426	2492
	EHD24-1/3	EHD24-1/3-3		1/3	1150	4975	75	145	2459	2492	3293	3338
	EHD24-1/2	EHD24-1/2-3		1/2	1725	6510	82	140	2250	2261	2849	2822
	EHD24-3/4	EHD24-3/4-3		3/4	1725	6900	83	145	2431	2294	3036	2888
	EHD24-1	EHD24-1-3		1	1725	7425	83	155	2497	2382	3074	3123
	EHD24-2	EHD24-2-3		2	1725	9525	83	165	3151	2586	---	3448
30"	-----	EHD24-3-3	36"	3	1725	10500	85	170	---	2810	---	3732
	EHD30-1/3	EHD30-1/3-3		1/3	1150	6950	79	145	2690	2723	3524	3574
	EHD30-1/2	EHD30-1/2-3		1/2	1725	8980	89	135	2503	2515	3102	3074
	EHD30-3/4	EHD30-3/4-3		3/4	1150	10440	79	175	3205	2861	3695	3585
	-----	EHD30-1-3		1	870	10640	74	215	---	3534	---	---
	EHD30-1 1/2	EHD30-1 1/2-3		1 1/2	1725	12000	89	165	2915	2772	4502	3628
	EHD30-2	EHD30-2-3		2	1150	14000	82	215	---	3305	---	4286
36"	-----	EHD30-3-3	42"	3	1725	16000	89	190	---	2970	---	3886
	EHD36-1	EHD36-1-3		1	1150	13600	84	225	4616	3689	5544	4375
	EHD36-2	EHD36-2-3		2	1150	17620	84	250	---	3798	---	4782
	-----	EHD36-3-3		3	1150	20500	85	255	---	4365	---	5522
	-----	EHD36-5-3		5	1725	28000	94	250	---	3661	---	4666
42"	-----	EHD42-1-3	48"	1	870	15800	82	300	---	4286	---	---
	EHD42-2	EHD42-2-3		2	1150	17964	88	260	---	4039	---	5023
	-----	EHD42-3-3		3	1150	24500	88	270	---	4539	---	5697
	-----	EHD42-5-3		5	1150	28970	88	285	---	4720	---	6372
48"	-----	EHD48-3-3	54"	3	1150	28600	92	290	---	5478	---	6636
	-----	EHD48-5-3		5	1150	32000	94	305	---	5736	---	7394
60"	-----	EHD60-3-3	66"	3	1150	40000	97	700	---	6801	---	7958
	-----	EHD60-5-5		5	1150	45000	97	730	---	7443	---	9101
	-----	EHD60-7 1/2-3		7 1/2	870	47000	92	740	---	9775	---	---
	-----	EHD60-10-3		10	870	57200	93	750	---	13101	---	---

Single Phase motors are field convertible 115V/230V. Three phase motors are field convertible 230V/460V.

Motors are set to lower voltage at the factory, unless a request is made at time of order to set to the higher voltage.

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Dimensions

SIZE	BLADE DIAMETER	PANEL SIZE	DEPTH DIMENSION
12"	12"	16"	11"
16"	16"	20"	11"
20"	20"	24"	13"
24"	24"	30"	15"
30"	30"	36"	15"
36"	36"	42"	18"
42"	42"	48"	18"
48"	48"	54"	20"
60"	60"	66"	22"

Note: Depth dimension varies with motor selection.

Industrial Belt Drive Exhaust Fans

Features

- Totally enclosed motors:
 - 1-Phase motors are field convertible 115V / 230V
 - 3-Phase motors are field convertible 230V / 460V
 - Motors are set to lower voltage at the factory, unless a request is made at time of order to set to the higher voltage
- 16 gauge steel venturi with steel pipe bracing
- Steel blades
- Double pillow block bearing shaft support
- 1 year limited warranty

Options

- CES Shutters
- EMF Front Guard
- IBG Rear Guards



Standard Models

BLADE SIZE	MODEL		PANEL SIZE (Sq.)	HP	RPM	CFM	db's @ 10'	WT. (LBS)	LIST	
	1-PHASE	3-PHASE							1 PH	3PH
	115/230V-60Hz	230/460v-60Hz								
24"	IE24-1/3	IE24-1/3-3	30"	1/3	825	5300	61	70	2123	2140
	IE24-1/2	IE24-1/2-3		1/2	925	6200	66	75	2194	2204
	IE24-3/4	IE24-3/4-3		3/4	1050	7000	71	82	2374	2230
	IE24-1	IE24-1-3		1	1175	7800	73	90	2400	2285
30"	IE30-1/3	IE30-1/3-3	36"	1/3	570	7500	62	95	2221	2237
	IE30-1/2	IE30-1/2-3		1/2	625	8500	64	95	2476	2308
	IE30-3/4	IE30-3/4-3		3/4	725	10000	66	105	2481	2340
	IE30-1	IE30-1-3		1	825	11000	70	115	2535	2421
36"	IE36-1/3	IE36-1/3-3	42"	1/3	425	9000	64	103	2444	2459
	IE36-1/2	IE36-1/2-3		1/2	500	10500	66	105	2519	2535
	IE36-3/4	IE36-3/4-3		3/4	575	11900	68	110	2703	2562
	IE36-1	IE36-1-3		1	650	13100	70	120	2726	2612
	IE36-1 1/2	IE36-1 1/2-3		1 1/2	750	15000	72	155	3116	2975
	IE36-2	IE36-2-3		2	830	16500	74	165	----	3035
42"	IE42-3/4	IE42-3/4-3	48"	3/4	430	14000	67	175	3057	2916
	IE42-1	IE42-1-3		1	490	15400	69	180	3078	2970
	IE42-1 1/2	IE42-1 1/2-3		1 1/2	550	17200	71	185	3225	3089
	IE42-2	IE42-2-3		2	620	19400	74	200	----	3523
	-----	IE42-3-3		3	700	22000	79	225	----	3643
48"	IE48-3/4	IE48-3/4-3	54"	3/4	350	17000	70	185	3344	3203
	IE48-1	IE48-1-3		1	400	19100	71	190	3367	3257
	IE48-1 1/2	IE48-1 1/2-3		1 1/2	460	22000	72	200	3507	3371
	IE48-2	IE48-2-3		2	520	24000	74	250	----	3925
	-----	IE48-3-3		3	590	27500	80	260	----	4045
	-----	IE48-5-3		5	660	30500	83	280	----	4077
60"	IE60-2	IE60-2-3	66"	2	320	31000	77	320	----	5462
	-----	IE60-3-3		3	370	35000	84	330	----	5581
	-----	IE60-5-3		5	420	39000	86	350	----	5630

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Dimensions

SIZE	BLADE DIAMETER	PANEL SIZE	DEPTH DIMENSION
24"	24"	30"	18"
30"	30"	36"	18"
36"	36"	42"	20"
42"	42"	48"	20"
48"	48"	54"	22"
60"	60"	66"	28"

Note: Depth dimension varies with motor selection.

Industrial Direct Drive Exhaust Fans

26

Features

- Totally enclosed motors:
 - 1-Phase motors are field convertible 115V / 230V
 - 3-Phase motors are field convertible 230V / 460V
 - Motors are set to lower voltage at the factory, unless a request is made at time of order to set to the higher voltage
- 14 gauge steel venturi with steel pipe bracing
- 4-blade steel propeller
- 1 year limited warranty

Options

- CES Shutters
- EMF Front Guards
- IBG Rear Guards



Standard Models

BLADE SIZE	MODEL		PANEL SIZE (Sq.)	HP	RPM	CFM 0" SP	db's @ 10'	WT. (LBS)	LIST	
	1-PHASE	3-PHASE							TEC	
	115/230V-60Hz	230/460v-60Hz							1 PH	3 PH
12"	IED12-1/4	IED12-1/4-3	16"	1/4	1725	1480	64	30	1222	1227
16"	IED16-1/3	IED16-1/3-3	20"	1/3	1725	2834	73	40	1463	1492
18"	IED18-1/2	IED18-1/2-3	24"	1/2	1725	3890	74	55	1644	1657
20"	IED20-3/4	IED20-3/4-3	24"	3/4	1725	4574	77	65	1909	1909
24"	IED24-1	IED24-1-3	30"	1	1725	6632	81	155	2203	2085
30"	IED30-1	IED30-1-3	36"	1	1150	8600	79	185	4316	2497
36"	IED36-1 1/2	IED36-1 1/2-3	42"	1.5	1150	12103	82	260	5439	3342
42"	-----	IED42-2-3	48"	2	1150	17315	87	280	--	3583
48"	-----	IED48-3-3	54"	3	850	24280	86	360	--	5022

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Dimensions

SIZE	BLADE DIAMETER	PANEL SIZE	DEPTH DIMENSION
12"	12"	16"	11"
16"	16"	20"	11"
20"	20"	24"	13"
24"	24"	30"	15"
30"	30"	36"	15"
36"	36"	42"	18"
42"	42"	48"	18"
48"	48"	54"	20"

Note: Depth dimension varies with motor selection.

Features

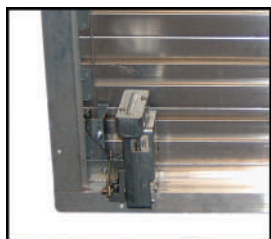
- Air open - Gravity close
- Aluminum construction
- Heavy duty blades
- Weather stripping for tighter seal

Standard Models

FAN SIZE	MODEL	INSIDE FRAME DIMENSIONS	OUTSIDE FRAME DIMENSIONS	WT. (LBS)	LIST
12"	CES 12	12" x 12"	14" x 15"	4	139
16"	CES 16	16" x 16"	19" x 19"	7	167
18"	CES 18	18" x 18"	21" x 21"	8	193
20"	CES 20	20" x 20"	23" x 23"	9	197
24"	CES 24	24" x 24"	27" x 27"	11	239
30"	CES 30	30" x 30"	33" x 33"	15	294
36"	CES 36	36" x 36"	39" x 39"	19	515
42"	CES 42	42" x 42"	45" x 45"	23	654
48"	CES 48	48" x 48"	51" x 51"	28	754
60"	CES 60	60" x 60"	63" x 63"	47	1047



Heavy Duty Shutter Motor Kit Features



- Used to open shutter when shutter is used to provide make-up air (Shutter should be one size larger than exhaust fan size and should be located on opposite wall)
- Used for positive closure of exhaust shutter
- 115V or 230V, 60 HZ, 1-Phase

Standard Models

MODEL	DESCRIPTION	WT. (LBS)	LIST
MK-1	For shutter sizes 12" thru 30" (Single Panel)	5	389
MK-2	For shutter sizes 36" thru 60" (Double Panel)	8	515

Motorized Supply Air Intake Shutter

Features

- Inward opening blades for use with intake fans when shutter is located directly in air stream
- Galvanized construction
- 115V or 230V, 60 HZ, 1-Phase

Standard Models

FAN SIZE	MODEL	ROUGH OPENING	OVERALL SIZE	WT. (LBS)	LIST
24"	CESM-24	24" x 24"	27" x 27"	15	995
30"	CESM-30	30" x 30"	33" x 33"	18	1162
36"	CESM-36	36" x 36"	39" x 39"	21	1269
42"	CESM-42	42" x 42"	45" x 45"	35	2073
48"	CESM-48	48" x 48"	51" x 51"	42	2930
60"	CESM-60	60" x 60"	63" x 63"	56	3455



Cabinet Exhaust Fans With Shutters

28

Features

- 120V, 1-Phase or 230 / 460V, 3-Phase, ball bearing, permanently lubricated, drip proof motor - UL listed
- Permanently lubricated bearings on blade drive shaft
- Aluminum blade
- Aluminum shutter
- 20 gauge powder coated venturi
- 18 gauge galvanized steel housing
- 1725 RPM motor
- Motor frame size 56 / Shaft: 5/8"
- Ships fully assembled
- Meets OSHA Standards • 1 year warranty



Standard Models

SIZE	MOTOR	AMPS		CFM	WT. (LBS)	115V 1-PHASE			230 / 460V 3-PHASE		
		HP	115V	230/460V		UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24	1/3	5	1.9 / .9	3270	100	868396	CBT-24B	1514	868525	CBT-24B-3	1609
30	1/3	6	1.9 / .9	7730	120	868402	CBT-30B	1704	868532	CBT-30B-3	1829
36	1/2	8	2.3 / 1.1	9870	135	868419	CBT-36B	1924	868549	CBT-36B-3	2082
42	3/4	11	3.3 / 1.5	14800	155	868426	CBT-42B	2366	868556	CBT-42B-3	2554
48	1	15	3.8 / 1.9	21500	200	868518	CBT-48B	2933	868501	CBT-48B-3	3123

Dimensions

SIZE	OUTSIDE DIMENSIONS			MAXIMUM REQUIRED INSIDE WALL OPENING
	HEIGHT	WIDTH	DEPTH	
24"	28 1/4"	28 1/4"	22 1/2"	28 3/4" x 28 3/4"
30"	34 1/4"	34 1/4"	22 1/2"	34 1/2" x 34 1/2"
36"	40 1/4"	40 1/4"	18 1/2"	40 1/2" x 40 1/2"
42"	48 1/2"	48 1/2"	18 1/2"	48 3/4" x 48 3/4"
48"	54 1/2"	54 1/2"	21 1/2"	54 3/4" x 54 3/4"

Cabinet Exhaust Fan Package Option

With Bolt Together Rear Guard

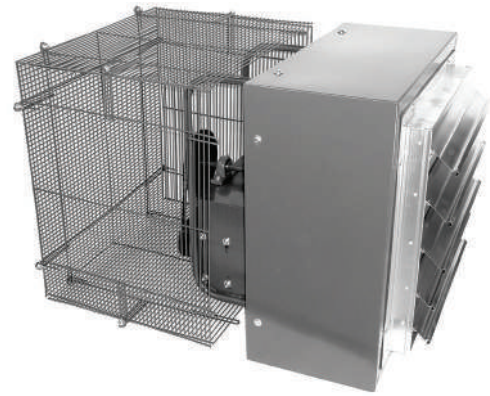
29

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MODEL	FAN SIZE	LIST
CEFP-24	24"	1541
CEFP-30	30"	1739
CEFP-36	36"	2161
CEFP-42	42"	2485
CEFP-48	48"	2964



Features

- For IE, IED, EHB and EHD models.
- Wall collar OD is 1/4" larger than fan panel size.
- Meets OSHA requirements

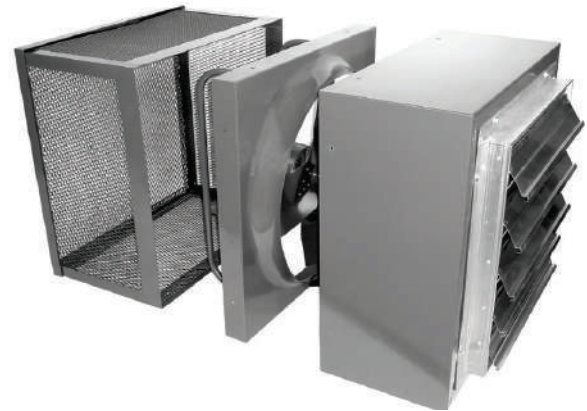
With Expanded Metal Rear Guard

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MODEL	FAN SIZE	LIST
CEFP-12	12"	965
CEFP-16	16"	1030
CEFP-18	18"	1163
CEFP-20	20"	1205
CEFP-60	60"	4452



Features

- For IE, IED, EHB and EHD models.
- Wall collar OD is 1/4" larger than fan panel size.
- Meets OSHA requirements

Exterior Weather Hood Option

Features

- For IE, IED, EHB and EHD models.
- Galvanized housing with 1/2 - 16 expanded metal bird screen
- Can be used for intake or exhaust
- Meets OSHA requirements

Standard Models

MODEL	FAN SIZE	LIST
WH-12	12"	968
WH-16	16"	1011
WH-18	18"	1032
WH-20	20"	1048
WH-24	24"	1493
WH-30	30"	1554
WH-36	36"	1928
WH-42	42"	2004
WH-48	48"	2319
WH-60	60"	3100



Exhaust Fan Accessories - Fan Guards

30

Rear Box Guard Bolt Together With Wire Guards



Features

- For IE, IED, EHB and EHD models
- 1/4" Smaller than the panel size of the fan
- Meets OSHA requirements

Standard Models

MODEL	FAN SIZE	LIST
IBG-24	24"	863
IBG-30	30"	908
IBG-36	36"	1094
IBG-42	42"	1147
IBG-48	48"	1405
IBG-60	60"	2168

Rear Expanded Metal Box Guard



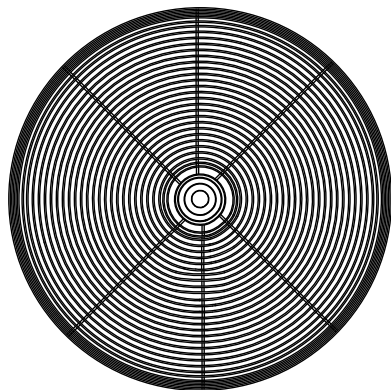
Features

- For IE, IED, EHB and EHD models
- 1/4" Smaller than the panel size of the fan
- Meets OSHA requirements

Standard Models

MODEL	FAN SIZE	LIST
IBG-12	12"	529
IBG-16	16"	529
IBG-18	18"	585
IBG-20	20"	585

Spiral Rear Guard



Features

- For EHD models only
- Fits between motor and blade
- Rear guard installed at factory only
- Meets OSHA requirements

Standard Models

MODEL	FAN SIZE	LIST
SR-12	12"	300
SR-16	16"	320
SR-18	18"	354
SR-20	20"	365
SR-24	24"	392

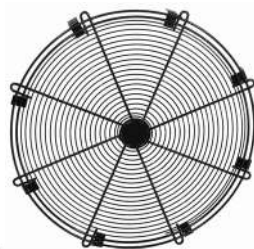
Front Guard

Features

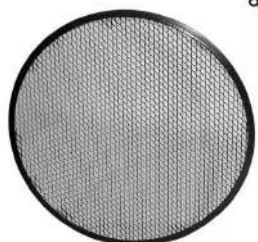
- For EHB, EHD, IE, & IED models
- 1" Larger than blade size
- Meets OSHA requirements

Standard Models

MODEL	FAN	LIST
EMF-12	12"	346
EMF-16	16"	359
EMF-20	20"	379
EMF-24	24"	399
EMF-30	30"	504
EMF-36	36"	624
EMF-42	42"	657
EMF-48	48"	717
EMF-60	60"	1081



Spiral wire guards
12" - 48"



Expanded metal guard
60"

Belt Drive Roof Ventilators



Features

- Standard blades are heavy gauge steel
- Totally enclosed motors.
- 1-Phase motors are field convertible 115V/230V
- 3-Phase motors are field convertible 230V/460V
- Motors are set to lower voltage at factory unless a request is made at time of order to set them to the higher voltage
- Wind band is 18 gauge galvanized steel
- Galvanized steel butterfly damper with rubber stops and seals
- Size of the roof opening to be 6" larger than fan size (Wind Band O.D.) dimension
- 1 year limited warranty.

Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)	LIST	
	MODEL				0"	1/8"	1/4"	1/2"			TEC	
											1 PH	3 PH
24"	UEB24-1/3	UEB24-1/3-3	1/3	780	4900	4222	2807	800	64	300	4913	4906
	UEB24-1/2	UEB24-1/2-3	1/2	980	6219	5716	5661	2600	66	305	5061	5042
	UEB24-3/4	UEB24-3/4-3	3/4	1140	7090	6648	6144	4413	71	310	5233	5141
30"	UEB30-1/2	UEB30-1/2-3	1/2	640	8507	7170	4486	1373	64	350	5296	5276
	UEB30-3/4	UEB30-3/4-3	3/4	770	10235	9192	7657	3833	66	360	5579	5480
	UEB30-1	UEB30-1-3	1	975	10668	9959	8626	5184	70	370	5943	5887
36"	UEB36-1/2	UEB36-1/2-3	1/2	530	10500	8821	5985	2084	66	360	6258	6239
	UEB36-3/4	UEB36-3/4-3	3/4	605	11985	10583	8563	4017	68	370	6609	6511
	UEB36-1	UEB36-1-3	1	665	13174	11932	10299	5729	70	390	6856	6831
	UEB36-1 1/2	UEB36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	395	7139	7023
42"	UEB42-3/4	UEB42-3/4-3	3/4	435	14040	11530	7633	3311	67	455	7202	7103
	UEB42-1	UEB42-1-3	1	490	15429	13194	10438	4668	69	465	7505	7493
	UEB42-1 1/2	UEB42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	470	7949	7832
	UEB42-2	UEB42-2-3	2	725	20653	19128	17503	11319	74	485	8516	8202
	-----	UEB42-3-3	3	830	23645	22296	20984	17290	79	495	----	8319
48"	UEB48-3/4	UEB48-3/4-3	3/4	370	17339	13700	7389	2244	70	505	8331	8238
	UEB48-1	UEB48-1-3	1	410	19188	16078	10903	4037	71	520	8583	8523
	UEB48-1 1/2	UEB48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	535	8733	8639
	UEB48-2	UEB48-2-3	2	520	24274	21943	19080	10125	74	545	9548	9257
	-----	UEB48-3-3	3	680	28150	25683	23615	16930	80	560	----	9412
54"	UEB54-1	UEB54-1-3	1	410	23130	20588	17500	9600	73	870	11652	11553
	UEB54-1 1/2	UEB54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	880	11917	11812
	UEB54-2	UEB54-2-3	2	480	27200	24312	20660	11010	76	890	12250	11978
	-----	UEB54-3-3	3	550	31213	28722	25830	15420	80	900	----	12404
	-----	UEB54-5-3	5	660	37458	35238	32843	26538	82	920	----	12540
60"	UEB60-1 1/2	UEB60-1 1/2-3	1.5	340	28068	23203	15624	8000	78	940	12682	12577
	UEB60-2	UEB60-2-3	2	390	32200	26710	17924	9380	80	960	12960	12694
	-----	UEB60-3-3	3	450	37183	32356	25324	15013	84	985	----	13354
	-----	UEB60-5-3	5	540	44600	41232	35819	23237	86	1000	----	13478

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Dimensions

SIZE	MINIMUM ROOF HOLE SIZE (SQUARE)	WIND BAND OUTER DIMENSION	ROOF CURB OUTER DIMENSION (SQUARE)	WIND BAND HEIGHT
24"	34"	30"	39"	19"
30"	40"	36"	45"	22"
36"	46"	42"	51"	25"
42"	52"	48"	57"	27"
48"	58"	54"	63"	30"
54"	64"	60"	69"	36"
60"	70"	66"	75"	42"

Direct Drive Roof Ventilators

32



Features

- Cast Aluminum blades on most models
- Totally enclosed and explosion proof motors
- 1-Phase motors are field convertible 115V/230V
- 3-Phase motors are field convertible 230V/460V
- Motors are set to lower voltage at the factory unless a request is made at time of order to set them to the higher voltage
- Explosion proof motors are Class 1, Div 1, Group D and Class 2, Div 1, Groups F & G
- Wind band is 18 gauge galvanized steel
- Rubber shim under dampers for better seal
- Size of roof opening to be 6" larger than fan size
- Some models available with low R.P.M. motor for quieter operation
- 1 year limited warranty

Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)	LIST			
											TEC		EXP	
					MODEL		0"	1/8"			1/4"	1/2"	1 PH	3 PH
18"	UED18-1/4	UED18-1/4-3	1/4	1140	2570	2263	1673	854	66	170	4370	4388	4666	4919
	UED18-1/3	UED18-1/3-3	1/3	1725	3375	3000	2600	1400	75	175	4043	4036	4672	4808
	UED18-1/2	UED18-1/2-3	1/2	1725	4133	3938	3724	3132	76	180	4153	4135	4789	4906
	UED18-1	UED18-1-3	1	1725	4600	4375	4080	3000	77	190	4629	4530	5276	5326
24"	UED24-1/4	UED24-1/4-3	1/4	1725	5200	4200	2820	----	75	240	4523	4543	4821	5073
	UED24-3/4	UED24-3/4-3	3/4	1140	6900	6450	6265	3300	76	260	5475	5252	6103	6054
	UED24-1	UED24-1-3	1	1725	7425	7000	6350	5000	83	280	4937	4851	5591	5652
	-----	UED24-3-3	3	1725	10500	9800	9500	8700	85	295	----	5209	----	6190
30"	UED30-3/4	UED30-3/4-3	3/4	1140	10440	9750	8750	6000	79	310	5733	5356	6363	6320
	-----	UED30-1-3	1	870	10800	10100	9100	6360	74	330	----	6227	----	----
	UED30-1 1/2	UED30-1 1/2-3	1.5	1140	10410	9686	8834	6420	81	325	7929	5869	----	6684
	UED30-2	UED30-2-3	2	1140	14000	13750	12900	10450	82	335	9559	6011	----	6881
	-----	UED30-3-3	3	1725	16000	15350	14700	12900	89	335	----	5487	----	6474
36"	UED36-2	UED36-2-3	2	1140	17620	16500	15200	12300	84	430	10633	7122	----	7992
	-----	UED36-3-3	3	1140	20500	19500	18500	15850	85	455	----	7553	----	8980
	-----	UED36-5-3	5	1140	22600	21700	20500	19000	87	465	----	8060	----	9670
42"	UED42-2	UED42-2-3	2	1140	17964	17277	15326	12351	88	500	11355	7861	----	8727
	-----	UED42-5-3	5	1140	28970	27960	26840	24200	89	500	----	8763	----	10368
48"	-----	UED48-3-3	3	1140	28600	26500	24400	20000	92	550	----	9460	----	10417
	-----	UED48-5-3	5	870	33000	31500	29750	25300	86	665	----	11293	----	----
	-----	UED48-7 1/2-3	7.5	1140	37000	35100	32800	28000	94	740	----	11343	----	13392
	-----	UED48-10-3	10	1140	41000	39200	38300	35400	95	875	----	11941	----	14120
60"	-----	UED60-5-3	5	870	45200	41500	37000	26000	90	940	----	14922	----	----
	-----	UED60-7 1/2-3	7.5	870	47000	45500	43600	38700	92	950	----	15964	----	----
	-----	UED60-10-3	10	690	54000	51900	49000	43200	87	960	----	26992	----	----

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Dimensions

SIZE	MINIMUM ROOF HOLE SIZE (SQUARE)	WIND BAND OUTER DIMENSION	ROOF CURB OUTER DIMENSION (SQUARE)	WIND BAND HEIGHT
18"	28"	24"	33"	16"
24"	34"	30"	39"	19"
30"	40"	36"	45"	22"
36"	46"	42"	51"	25"
42"	52"	48"	57"	27"
48"	58"	54"	63"	30"
60"	70"	66"	75"	42"

Belt Drive Hooded Roof Ventilators



CLOSED



OPEN

Features

- Used for exhaust or intake
- Heavy industrial steel base with aluminum hood
- Steel blades
- Bird screen included
- No back draft protection in standard construction. Dampers offered as optional accessory.
- 1 year limited warranty

Options

- Direct drive
- Protective coatings, explosion proof.
- Roof curb
- Filters

Dimensions

SIZE	MINIMUM ROOF HOLE (SQUARE)	HOLE LENGTH x WIDTH	HOOD HEIGHT	ROOF CURB O.D. (SQUARE)
24"	30"	54" x 64"	30"	39"
30"	36"	60" x 76"	36"	45"
36"	42"	72" x 82"	40"	51"
42"	48"	80" x 89"	43"	57"
48"	54"	87" x 95"	46"	63"
54"	60"	92" x 98"	54"	69"
60"	66"	90" x 107"	56"	75"

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. Lbs.	LIST			
	MODEL				EXHAUST		INTAKE							
		0"			1/8"	1/4"	1/2"	1 PH			3 PH	1 PH	3 PH	
24"	RE24-1/4	RE24-1/4-3	1/4	780	4900	4222	2807	800	60	340	5868	5844	5868	5844
	RE24-1/2	RE24-1/2-3	1/2	980	6219	5716	5061	2600	66	350	6081	6019	6081	6019
	RE24-3/4	RE24-3/4-3	3/4	1140	7090	6648	6144	4413	71	360	6212	6113	6212	6113
	RE24-1	RE24-1-3	1	1250	7180	6696	6271	4464	73	365	6549	6363	6549	6363
30"	RE30-1/3	RE30-1/3-3	1/3	595	7909	6380	3617	767	60	385	6812	6774	6812	6774
	RE30-1/2	RE30-1/2-3	1/2	640	8507	7170	4486	1373	64	385	6917	6855	6917	6855
	RE30-3/4	RE30-3/4-3	3/4	770	10235	9192	7657	3833	66	400	7154	7055	7154	7055
	RE30-1	RE30-1-3	1	975	10668	9959	8626	5184	70	400	7393	7204	7393	7204
	RE30-1 1/2	RE30-1 1/2-3	1.5	1140	12473	11867	11112	8135	77	410	7541	7261	7541	7261
36"	RE36-1/3	RE36-1/3-3	1/3	460	9113	6992	3722	486	64	425	8254	8216	8254	8216
	RE36-1/2	RE36-1/2-3	1/2	530	10500	8821	5985	2084	66	425	8354	8291	8354	8291
	RE36-3/4	RE36-3/4-3	3/4	605	11985	10583	8563	4017	68	435	8522	8423	8522	8423
	RE36-1	RE36-1-3	1	665	13174	11932	10299	5729	70	440	8715	8528	8715	8528
	RE36-1 1/2	RE36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	440	9058	8746	9058	8746
RE36-2	RE36-2-3	2	870	16554	15376	14088	9691	74	455	9733	9203	9733	9203	
42"	RE42-1/2	RE42-1/2-3	1/2	390	12343	9352	4957	1642	65	540	9259	9195	9259	9195
	RE42-3/4	RE42-3/4-3	3/4	435	14040	11530	7633	3311	67	545	9583	9484	9583	9484
	RE42-1	RE42-1-3	1	490	15429	13194	10438	4668	69	555	9776	9590	9776	9590
	RE42-1 1/2	RE42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	560	9845	9659	9845	9659
	RE42-2	RE42-2-3	2	725	20653	19128	17503	11319	74	570	10577	10051	10577	10051
	-----	RE42-3-3	3	830	23645	22296	20984	17290	79	585	-----	10177	----	10177
48"	RE48-3/4	RE48-3/4-3	3/4	370	17339	13700	7389	2244	70	650	11238	11138	11238	11138
	RE48-1	RE48-1-3	1	410	19188	16078	10903	4037	71	660	11437	11250	11437	11250
	RE48-1 1/2	RE48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	665	11612	11301	11612	11301
	RE48-2	RE48-2-3	2	520	24274	21943	19080	10125	74	680	12280	11750	12280	11750
	-----	RE48-3-3	3	680	28150	25683	23615	16930	80	700	-----	11899	----	11899
	-----	RE48-5-3	5	800	33160	30900	29290	25000	83	720	-----	11993	----	11993
54"	RE54-1	RE54-1-3	1	410	23130	20588	17500	9600	73	910	13610	13422	13610	13422
	RE54-1 1/2	RE54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	920	13884	13572	13884	13572
	RE54-2	RE54-2-3	2	480	27200	24312	20660	11010	76	930	14234	13703	14234	13703
	-----	RE54-3-3	3	550	31213	28722	25830	15420	77	940	-----	13953	----	13953
	-----	RE54-5-3	5	660	37458	35238	32893	26538	80	960	-----	14059	----	14059
60"	RE60-1	RE60-1-3	1	250	23090	19161	12850	----	76	1150	14322	14134	14322	14134
	RE60-1 1/2	RE60-1 1/2-3	1.5	340	28068	23283	15624	8000	77	1150	14871	14559	14871	14559
	RE60-2	RE60-2-3	2	390	32200	26710	17924	9380	78	1200	15196	14666	15196	14666
	-----	RE60-3-3	3	450	37183	32356	25324	15013	84	1220	-----	14921	----	14921
	-----	RE60-5-3	5	540	44600	41232	35819	23237	86	1240	-----	15015	----	15015
	-----	RE60-7 1/2-3	7.5	620	50184	47603	43981	32880	89	1285	-----	15545	----	15545

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.

Insulated Roof Curbs

34



SLS-24

Features

- Used with UEB, UED, and RE roof ventilators
- For flat, single slope or ridge style roofs
- Galvanized steel construction
- 1-1/2" insulated thickness, 3 pounds density
- 8" height overall
- Not for corrugated roofs

Standard Models

FAN	MODEL			BASE DIMENSION	OVERALL DIMENSION	LIST		
	FLAT	SLOPE	RIDGE			FLAT	SLOPE	RIDGE
18"	FLS-18	SLS-18	RDS-18	32" x 32"	44" x 44"	460	889	1048
24"	FLS-24	SLS-24	RDS-24	38" x 38"	50" x 50"	533	1018	1195
30"	FLS-30	SLS-30	RDS-30	44" x 44"	56" x 56"	601	1141	1349
36"	FLS-36	SLS-36	RDS-36	50" x 50"	62" x 62"	657	1251	1441
42"	FLS-42	SLS-42	RDS-42	56" x 56"	68" x 68"	724	1373	1625
48"	FLS-48	SLS-48	RDS-48	62" x 62"	74" x 74"	975	1845	2188
54"	FLS-54	SLS-54	RDS-54	68" x 68"	80" x 80"	1055	2005	2373
60"	FLS-60	SLS-60	RDS-60	74" x 74"	86" x 86"	1153	2182	2582

Back Draft Dampers to Fit in Curb

UEB and UED models require higher curb height when used with back draft damper; consult factory.

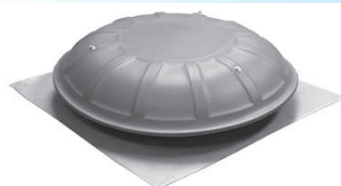
FAN SIZE	MODEL	SHUTTER SIZE	LIST
18"	CD-18	28" x 28"	611
24"	CD-24	34" x 34"	712
30"	CD-30	40" x 40"	982
36"	CD-36	46" x 46"	1215
42"	CD-42	52" x 52"	1341
48"	CD-48	58" x 58"	1628
54"	CD-54	64" x 64"	2041
60"	CD-60	70" x 70"	2220

Motor Kit for Dampers

115V or 230V, 60Hz, 1-Phase. (Specify Voltage)

MODEL	DESCRIPTION	SHIPPING WT. (LBS)	LIST
DMKP1	For shutter sizes 18" thru 36"	5	557
DMKP2	For shutter sizes 42" thru 60"	8	664

Power Attic Mount Dome Ventilator



Note: Photograph is a representation of stocked models.
Actual model may vary in appearance.

Features

- 120V Motor / 1-Phase
- Automatic thermostat (90°-130°F)
- Insect and bird screen installed
- Powder coated metal dome and base

Standard Models

UPC#	MODEL	DOMES COLOR	SPEED	CFM .03 SP	VOLTS	HP	RPM	ATTIC SIZE / SQ. FT.	WT LBS	LIST
686334										
866422	PDV-305-1MB-GY	Gray	1	1080	120	1/12	1050	Average/1600	18	148
866439	PDV-305-1MB-BR	Brown	1	1080	120	1/12	1050	Average/1600	18	
866446	PDV-305-1MB-BLK	Black	1	1080	120	1/12	1050	Average/1600	18	

Gable Exhaust Fan



Features

- 120V motor / 1-Phase
- Automatic adjustable thermostat (90°-130°F)
- Partially assembled (mounting tabs must be assembled)
- 15" diameter x 6" depth
- 4 mounting tabs on 16" centers

Standard Models

UPC#	MODEL	DESCRIPTION	CFM .03 SP	ATTIC SIZE/ ST. FT.	SHIPPING WT. (LBS)	LIST
686334						
866378	GV-405-2B	Gable Mount Ventilator	1300	average/2000	11	115
866521	AGD-1416B	Aluminum Damper for GV-405-2	----	----	3	66

Belt Drive Wholehouse Fans



Features

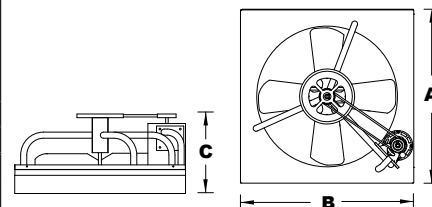
- 2-Speed motors
- Shutters automatically open when fan is turned on and close tightly when fan is turned off
- 120V, 1-Phase

NOTE: Belt Drive Fan with "No Joist Cut" Shutter.

Standard Models

Fan Dimensions

UPC#	MODEL	SIZE	SPEED	MOTOR HP	CFM @ .1 IN. H2O PRESSURE DROP w/ SHUTTER	FAN SPEED RPM	FAN MOUNTING DIMENSIONS (IN)	EXHAUST SQ. FT. REQ'D	AMPS	WT. (LBS)	LIST
686334											
793629	BD24-2-WHS	24"	2	1/3	4500/2700	612/410	28 29.5 14.5	7	5.7/4.8	40	729
793636	BD30-2-WHS	30"	2	1/3	7600/5800	520/350	34 35.5 14.5	9	6.9/5.5	50	782
793643	BD36-2-WHS	36"	2	1/3	9675/6400	395/265	40 41.5 14.5	12	6.3/3.1	64	861



Ceiling Shutters

Control Options

UPC#	MODEL	FIT HOLE SIZE (I.D.)	OUTSIDE SIZE (O.D.)	FAN SIZE	SHIPPING WT. (LBS)	LIST
686334						
794480	CS-10-W	26X26	28X28	24"	8	133
794466	CS-13-W	32X34	34X36	30"	10	139
794534	CS-14-W	34X34	36X36	30"	10	145
794473	CS-18-W	32X43	34X45	36"	11	159
794527	CS-19-W	34X43	36X45	36"	11	171

UPC#	MODEL	DESCRIPTION	WT. (LBS.)	LIST
686334				
792707	2-SW	2 Speed wall switch & plate	1	37
500081	1A22-7	SP Close on rise (Attic Thermostat) (80°-130°F)	1	44
500036	1A22-8	SP Close on rise (IvoryWhole House Thermostat) (50°-90°F)	1.5	44
500005	1A22-8W	SP Close on rise (White Whole House Thermostat) (50°-90°F)	1.5	44

"Joist out style" (For replacement only)

Industrial Ceiling Fans



Note: Photograph is a representation of stocked models. Actual model may vary in appearance.

Features

- All metal construction, white epoxy finish
- 24" down rod with safety cable
- Mounts to 3/8" diameter steel J-hook
- 18 pole (motor), 115V, 1-Phase, capacitor type, impedance protected motor with sealed ball bearings

Commercial Grade

- Assembly required
- 30" lead wires
- 1 year limited warranty

Industrial Grade

- Fully assembled except blade bolt down
- 3 conductor cord, 30" long with plug
- Permanently lubricated
- 3 year limited warranty

Heavy Duty Grade

- Fully assembled except blade bolt down
- 3 conductor cord, 30" long with plug
- Permanently lubricated
- 6 year limited warranty

Standard Models

GRADE	UPC# 686334	MODEL	TYPE	SIZE	VOLTS	CFM	RPM	AMPS	WT. (LBS.)	LIST
Commercial	852968	CHR-56*	Down Draft	56"	120	19000	320	0.6	15	170
Industrial	797993	IHR-48	Down Draft	48"	120	17100	320	0.53	14	230
Industrial	797153	IHR-56	Down Draft	56"	120	21000	310	0.6	15	242
Industrial	798006	IHR-56R*	Reversible	56"	120	21000	310	0.55	14	247
Industrial	800891	IHR-56-277V*	Down Draft	56"	277	21000	310	0.3	16	247
Heavy Duty	851527	HDHR-56	Down Draft	56"	120	27500	320	0.75	18	315
Heavy Duty	799393	HDHR-60	Down Draft	60"	120	47000	320	0.8	21	358
Water and Dust Resistant Models										
Heavy Duty	854085	HDHR-56WR	Down Draft	56"	120	27500	320	1.1	17	340
Heavy Duty	854092	HDHR-60WR	Down Draft	60"	120	47000	320	0.8	21	384

* 277 volt, commercial, and reversing models have lead wires instead of cordset. 36" down rod available for additional charge.

Solid State Controls (120 & 277V Models)

120V			277V		TYPE	LIST
UPC# 686334	MODEL	LIST	UPC# 686334	MODEL		
797634	HR-SS-2	44	-----	-----	1-2 FANS SPEED CONTROL	44
797641	HR-SS-5	106				
799416	HR-SS-10	156	852654	HR-SS-10-277	6-10 FANS SPEED CONTROL	300

Solid State Controls & Reversing Switch for IHR-56R

Options

UPC# 686334	MODEL	TYPE	LIST
866682	HR-RSS-3	1-3 FANS REVERSING SWITCH and SPEED CONTROL	143

UPC# 686334	MODEL	TYPE	LIST
851220	HR-GUARD	FOR 56" MODELS	947
850421	Suffix - X3	36" DOWN ROD OPTION	+45 Adder

Portable 18" Self Contained Power Mister

SELF CONTAINED MISTING SYSTEM WITH WATER PUMPED FROM A 10 GALLON TANK OR VESSIL.

Features

- Toggle Switch - fan only or fan & mist
- SJT type cord - 3 conductor - 18' long with GFCI plug
- 18" Aluminum blade
- Spiral front and rear wire guards
- 85 PSI diaphragm pump
- Meets OSHA standards / 1 year limited warranty.

Motor Specification

- 1-Speed, 1/8 HP
- Sleeve bearing
- Permanently lubricated
- 1-Phase, 120 Volt
- Totally enclosed
- Permanent split capacitor



PM-18C



PM-18S



PM-18FO

Note: Tank lid not included.

Standard Models

18" Fan & Pump Lid for 10gal. Tank

UPC# 686334	MODEL	FAN SIZE	TYPE	MOTOR HP	CFM	AMPS	WT. (LBS.)	LIST	UPC# 686334	MODEL	SHIPPING WT. (LBS.)	LIST
855471	PM-18S	18"	HAND CARRY	1/8	5750	2.2	30	1046	855525	PM-18FO	28	897
855495	PM-18C		CART				76	1331				
876070	NK-PM18	---	REPLACEMENT NOZZLE KIT					24				

Industrial Workstation Floor Fans

37



Features

- Rotary switch
- Head tilts 360°
- Coated steel guards
- SJT type 3 conductor, 10' long cord
- Steel hub/spider aluminum paddle blades
- Meets OSHA standards
- 1 Year limited warranty

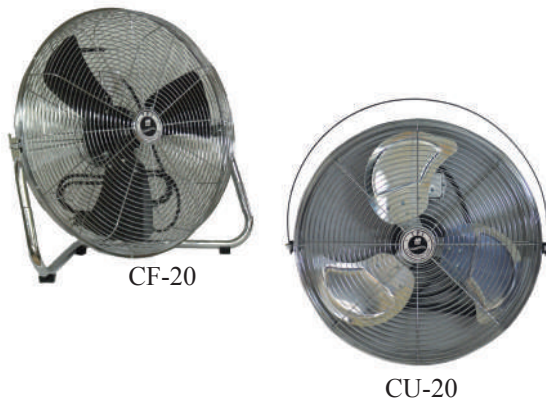
Motor Specifications

- Sleeve bearing
- Totally enclosed
- 1-Phase, 120V
- 3-Speed
- Permanently lubricated
- Frame size: 42
- 5/16" Shaft

Standard Models

SIZE	UPC# 686334	MODEL	FAN TYPE	MOTOR HP	CFM / RPM			DIMENSIONS			MAX AMPS	SHIPPING WT. (LBS)	LIST
					HIGH	MED	LOW	"H"	"W"	"D"			
12"	798617	F-12-TE	FLOOR MODEL	1/12	1650 / 1590	1420 / 1380	1120 / 1080	15-1/4"	14-1/2"	9-1/2"	1.1	13	138
18"	797290	F-18-TE		1/8	4600 / 1660	4200 / 1550	3200 / 1370	20-1/2"	20-1/2"	10-1/2"	1.5	20	173
24"	852852	F-24-TE		1/8	5850 / 1634	5200 / 1484	3600 / 1200	26"	26"	10-1/2"	2.4	23	322
18"	797306	F-18H-TE	HIGH STAND	1/8	4600 / 1660	4200 / 1550	3200 / 1370	53"	25"	27"	2.2	27	253
24"	854061	F-24H-TE		1/8	5850 / 1634	5200 / 1484	3600 / 1200	53"	30"	27"	2.4	30	423

TPI Commercial Workstation & Floor Fans



Features

- Rotary switch
- SJT type cord - 3 conductor - 7' long
- Aluminum blade
- Coated steel guards with retaining clips
- Meets OSHA standards
- 1 Year limited warranty



Motor Specification

- 3-Speed
- 120V
- Sleeve bearing
- 1-Phase
- Open ventilated
- Permanently lubricated

Standard Models

UPC# 686334	MODEL	SIZE	TYPE	MOTOR HP	CFM			MAX AMPS	WT. (LBS.)	LIST
					HIGH	MED	LOW			
872300	CF-12	12"	FLOOR	1/12	2100	1750	1500	0.6	10	80
872317	CF-18	18"	FLOOR	1/5	3150	2700	2550	1.4	16	100
870658	CF-20	20"	FLOOR	1/5	3450	3100	2950	1.9	18	138
523332	CU-20	20"	WORKSTATION	1/5	3450	3100	2950	1.9	18	166

Units should be used in clean, dry, commercial applications.

Note: Photograph is a representation of stocked models. Actual model may vary in appearance.

Industrial Mounted Workstation Fans

38



Features

- Pull chain switch
- Head rotates 360° vertically and horizontally
- Coated steel guards
- SJT type 3 conductor, 10' long cord
- Steel hub/spider aluminum paddle blades
- Meets OSHA standards
- 1 Year limited warranty

Motor Specifications

- Sleeve bearing
- Totally enclosed, permanently lubricated
- Frame size: 42
- 3-Speed
- 1-Phase, 120V
- 5/16 Shaft

Standard Models

FAN SIZE	UPC# 686334	MODEL	MOTOR HP	CFM / RPM			DIMENSIONS			MAX AMPS	SHIPPING WT (LBS)	LIST
				HIGH	MED	LOW	"H"	"W"	"D"			
12"	798600	U-12-TE	1/12	1650 / 1590	1420 / 1380	1120 / 1080	15-1/4"	14-1/2"	9-1/2"	1.1	13	144
18"	797283	U-18-TE	1/8	4600 / 1660	4200 / 1550	3200 / 1370	21-1/2"	20-1/2"	10-1/2"	2.2	20	178
24"	854078	U-24-TE	1/8	5850 / 1634	5200 / 1484	3600 / 1200	27"	26"	10-1/2"	2.4	23	334

Note: Mount with one bolt or lag screw to walls, ceilings, work benches, machines or any surface.

Application Photos



Pipe Mount Adaptor



PIPE DIAMETER	UPC# 686334	MODEL	LIST
1"	851244	PM-1	48
1-1/2"	851251	PM-1.5	53
2"	851268	PM-2	59
2-1/2"	851275	PM-2.5	64
3"	851282	PM-3	69

Workstation Oscillating Office Fans



STAND FAN



DESK FAN



Features

- 3-speed oscillating fans with push button controls
- 3 conductor SPT cord & plug
- White powder coated wire mesh guards
- White plastic housing and blade
- Stand fan extends to 40" height
- Meets OSHA standards
- 1 Year limited warranty

Standard Models

SIZE	UPC# 686334	MODEL	FAN TYPE	SPEEDS	CFM HIGH	AMPS HIGH	SHIPPING WT. (LBS.)	LIST
12"	851305	ODF-12	DESK	3	1200	0.4	5.4	68
16"	851312	ODF-16	DESK	3	2100	0.5	8.5	80
16"	851329	OSF-16	STAND	3	2100	0.5	15.5	101

Workstation Wall Mount Fan With Pivoting Arm

18" HIGH VELOCITY FAN MOUNTED ON 24", 40", or 60" PIVOTING ARMS

39



Mounting Arm Features

- 1-1/2" square, 14 gauge, steel tubing
- 3" x 5" x 3/16" mounting plate attaches with (4) 3/8" bolts
- 5' long., 18/3 SJTW conductor cord and NEMA 5-15 grounded plug
- Dual electrical outlets embedded in arm to allow connection of modular fan and optional light

Modular Fan Features

- 18" high velocity circulator, with 3 speed, 1/8 HP, 115V, 1-Phase permanently lubricated, totally enclosed, PSC motor
 - Modular fan plugs into electrical outlet on arm
 - Coated steel guards / Aluminum blades
 - Meets OSHA standards / 1 year limited warranty
- Use on loading docks to cool off workers entering hot truck trailers.
- Use at factory workstations to cool off people or the machines.

Standard Models

UPC# 686334	MODEL	FAN SIZE	ARM LENGTH	FAN CFM			MAX AMPS	SHIPPING WT (LBS)	LIST
				HIGH	MED	LOW			
800914	24-LDF-TE	18"	24"	4600	4200	3200	2.2	31 lbs.	293
800921	40-LDF-TE	18"	40"					38 lbs.	365
800938	60-LDF-TE	18"	60"					44 lbs.	392

Optional Modular Lights

Light Features

- Plugs into embedded outlet in arm
- On/Off switch and wire guard included
- Bulb included with DKL-QH and DKL-FL



Standard Models

UPC# 686334	MODEL	LIGHT HEAD TYPE	MAX WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	SHIPPING WT (LBS)	LIST
446563	DKL-INC	Incandescent	300	3,700	2,000	5 lbs.	74
446570	DKL-QH	Quartz Halogen	500	11,000	2,000	6 lbs.	111
484336	DKL-FL	Fluorescent	55	3,000	10,000	7 lbs.	129
470865	DKL-LED	LED	12	960	50,000	5 lbs.	412

Low Velocity "Navy Style" Workstation Fan

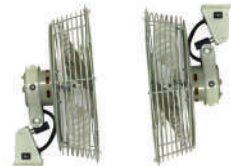
Features

- 12" all metal, gray powder coated fan that can be wall, ceiling or bench mounted
- Direct wire electrical connection
- Toggle switch
- Fan head tilts 90° in horizontal and vertical plane
- Meets OSHA standards
- 1 year limited warranty

Designed to circulate air in confined spaces aboard US Navy ships
Navy spec "MIL-F-68F"



WALL MOUNT



BENCH MOUNT CEILING MOUNT

Standard Models

SIZE	UPC# 686334	MODEL	MOTOR HP	CFM / RPM		AMPS HIGH	SHIPPING WT. (LBS)	LIST
				HIGH	LOW			
12"	870894	N-12	1/12	1540 / 1350	930 / 750	0.6	12	304

Portable Workstation Evaporative Coolers

40

Evap-Mini 500



FRONT
Patented



Evap-Mini 700



FRONT
Patented

Evap-Mini - Features

- Lowers temperatures up to 30°F
- Water level sight tube and sump drain
- 3/4" garden hose connection for longer running
- Durable one-piece, rust free, leak-proof molded polyethylene housing
- Environmentally friendly efficient and effective resource use
- Cools for a fraction of the cost of air conditioning
- Cools without chemicals or refrigerants
- Long-term dependability-near maintenance-free operation
- Shipped completely assembled - ready to operate out of the box

Standard Models

UPC#	MODEL	MOTOR HP	UNIT VOLTS	UNIT AMPS	CFM (2 Speed)		EFFECTIVE SQ. FT.	INTERNAL WATER (Gallons)	DIMENSIONS H x W x D (Inches)	WT. (LBS.)	LIST
					HIGH	LOW					
539777	EVAP-Mini 500	1/3	120	2.5	2000	1600	500	10	31" x 29" x 25"	72	1,280
539784	EVAP-Mini 700	1/3		5.6	3000	2400	700	16	38" x 29" x 25"	113	1,662

16" Portable Workstation Evaporative Cooler



FRONT
Patented

**15°F - 25°F OF EVAPORATIVE COOLING
- PLUS -
6°F - 8°F OF WIND CHILL COOLING**

EVAPORATIVE COOLING TEMPERATURE DROPS			
AIR TEMPERATURE	RELATIVE HUMIDITY		
	10%	30%	50%
80°	-22°	-16°	-10°
90°	-25°	-18°	-12°
100°	-29°	-21°	-14°
110°	-32°	-23°	-15°



BACK
Patented

42 Gallon internal water reservoir that allows the unit to operate approximately 8 hours without being connected to an external water source

PROVIDES COOLING UP TO A 900 SQ. FT. AREA

Features

- Durable polyethylene housing features leakproof, one piece construction
- Lowers temperatures 15-25°F depending on climate conditions
- Easy rolling poly on poly casters (EVAP16-3)
- Shipped completely assembled, ready to use
- Water level sight tube located on front of unit to indicate water level in tank
- Manufactured in USA



Standard Models

UPC#	MODEL	MOTOR HP	UNIT AMPS	CFM			EFFECTIVE SQ. FT.	INTERNAL WATER (Gallons)	DIMENSIONS L x W x H (Inches)	WT. (LBS.)	LIST
				HIGH	MED	LOW					
874809	EVAP16-3	1/2	4.6	3900	3500	2500	900	42	23 x 37.5 x 59	145	2,529

36" & 48" Portable Evaporative Coolers

41



FRONT
Patented

15°F - 25°F OF EVAPORATIVE COOLING
- PLUS -
6°F - 8°F OF WIND CHILL COOLING

EVAPORATIVE COOLING TEMPERATURE DROPS			
AIR	RELATIVE HUMIDITY		
TEMPERATURE	10%	30%	50%
80°	-22°	-16°	-10°
90°	-25°	-18°	-12°
100°	-29°	-21°	-14°
110°	-32°	-23°	-15°



BACK
Patented

36" Single or Three Speed

48" Two Speed

(EVAP36-1 or EVAP36-3) provides cooling up to 2500 sq. ft. area. 32 Gallon reservoir capacity.

(EVAP48-2) provides cooling up to 4,000 sq. ft. area. 40 Gallon reservoir capacity.

36" UNIT IS THIN ENOUGH TO FIT THROUGH A STANDARD DOOR.

Features

- 36" and 48" non hazardous location models feature 3/4" garden hose connections for longer operating times
- Durable polyethylene housing features leakproof, one piece construction
- Lowers temperatures 15-25 °F depending on climate conditions
- Heavy duty, polyolefin casters on evaporative coolers
- New 3 blade fan blade for quieter operation; 120V
- Manufactured in U.S.A. Shipped completely assembled, ready to use

Standard Models

UPC# 686334	MODEL	MOTOR HP	UNIT AMPS	CFM			EFFECTIVE SQ. FT.	INTERNAL WATER (Gallons)	DIMENSIONS L x W x H (Inches)	WT. (LBS.)	LIST
				HIGH	MED	LOW					
874816	EVAP36-1	1/2	12.4	9600			2500	32	32 x 62 x 67	235	4,120
874823	EVAP36-3	1/2	11.5	9600	6600	4800	2500	32	32 x 62 x 67	245	4,506
874847	EVAP48-2	1	13.7	22000	----	11000	4000	40	36 x 74 x 86	405	6,386
876018	EVAP-Tank 50	50 gallon portable water tank accessory									1,625

Replacement Media Pads

UPC# 686334	MODEL	CORRESPONDING EVAP UNITS	TOTAL PADS INCLUDED	LIST
539852	PADEVAP-16	EVAP 16-3	3	104
539883	PADEVAP-36	EVAP 36-1/3 or Haz	5	124
539906	PADEVAP-48	EVAP 48-2 or Haz	6	134

Hazardous Location - Standard Models



FRONT
Patented



CONTROL
Patented

Hazardous Location - Specific Features

- All switches, motors, and cord connections are sealed to prevent sparking in combustible locations
- Shipped completely assembled, ready to use
- 120/240V operation
- Manufactured in U.S.A.
- Component Rating: Class 1A, Division D for Hazardous Location

Hazardous Location - Standard Models

UPC# 686334	MODEL	MOTOR HP	UNIT AMPS	CFM			EFFECTIVE SQ. FT.	INTERNAL WATER (Gallons)	DIMENSIONS L x W x H (Inches)	WT. (LBS.)	LIST
				HIGH	MED	LOW					
874830	EVAP36-HAZ	1/2	13.4	9600			2500	32	32 x 62 x 67	330	13,312
874854	EVAP48-HAZ	1	18	20000			4000	40	36 x 74 x 86	460	16,109



PAC-13



PAC-21



PAC-29 & 37



PAC-60

Standard Models

SPECIFICATIONS	MODEL	PAC-13	PAC-21	PAC-29	PAC-37	PAC-60
COOLING CAPACITY	BTU	13,200	19,500/21,000	28,000/29,000	36,000/37,000	60,000/61,000
	TONS	1.1	1.8	2.4	3.1	5.0
EFFECTIVE AREA	SQ. FT.	550	900	1,250	1,550	2,500
POWER SUPPLY	VOLTS	115	208/230	208/230	208/230	208/230
	PHASE	1	1	1	1	1
	HZ	60	60	60	60	60
DIMENSION (WDXDH)	INCHES	17.5 x 19.9 x 43.3	22 x 24.4 x 50.4	22 x 29.4 x 47.3	26 x 33.3 x 52.4	28.9 x 51.5 x 59.8
WEIGHT	LB	132	198	216	254	661
CURRENT	AMP	10.9	11/10	15.1/14.8	20/19	32/30
BREAKER SIZE	AMP	15	15	20	30	50
POWER CONSUMPTION	KW	1.3	2.3	3.3	4.4	7
COMPRESSOR INPUT	KW	1.2	2	2.4	3.5	4.8
EVAPORATOR AIR FLOW(HIGH/LOW)	CFM	357/285	464/393	741/635	882/776	2000/1870
CONDENSER AIR FLOW	CFM	610	857	1560	1660	3600
AIR FILTER	----	Alum.	Alum/Vinyl	Alum/Vinyl	Alum/Vinyl	Alum/Vinyl
NEMA PLUG	TYPE	5-15P	6-15P	6-20P	6-30P	6-50P
POWER CORD GAUGE	AWG	14	14	12	10	8
POWER CORD LENGTH	FT.	10	10	10	10	6
REFRIGERANT	----	R-410A	R-410A	R-410A	R-410A	R-410A
		15.9	42.3	44.4	61	113
OPERATING TEMP.	F	64-113	64-113	64-113	64-113	64-113
EXHAUST DUCT DIAM.	INCHES	12	16	16	16	20
MAXIMUM DUCT LGTH.	FT.	16	25	60	60	100
CONDENSATE TANK	GAL.	3.17	3.17	3.17	3.17	Auto Pump Included
LIST PRICE	----	4,808	6,220	7,765	8,475	20,127

Accessories

UPC#	MODEL	DESCRIPTION	LIST
686334			
683890	PAC12-CF	12" x 2' Ceiling Flange (fits standard drop ceiling grid)	143
683906	PAC16-CF	16" x 2' Ceiling Flange	155
683869	PAC12-WD	12" x 8' Warm Air Duct	88
683876	PAC16-WD	16" x 8' Warm Air Duct	118

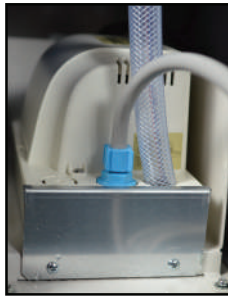


Warm Air Exhaust Adapter



Rear Ambient Air Adapter

UPC#	MODEL	FOR UNIT	DESCRIPTION	LIST
686334				
683920	PAC-13EXD	PAC-13	WARM AIR EXHAUST ADAPTER	200
683937	PAC-21/29EXD	PAC-21-29	WARM AIR EXHAUST ADAPTER	220
683944	PAC-13RAA	PAC-13	REAR AMBIENT AIR ADAPTER	262.50
683951	PAC-21/29RAA	PAC-21-29	REAR AMBIENT AIR ADAPTER	282.50
683968	PAC-37/60RAA	PAC-37	REAR AMBIENT AIR ADAPTER	587.50
683968	PAC-37/60RAA (2)	PAC-60	REAR AMBIENT AIR ADAPTER	1175
683975	PAC-13-37NOZ	PAC-13-37	EXTRA NOZZLE KIT	90
683777	PAC-60NOZ	PAC-60	EXTRA NOZZLE KIT	117



PAC Pump

UPC# 686334	MODEL	DESCRIPTION	LIST
539913	PAC Pump*	Condensation pump for PAC air conditioners.	375
539920	PAC Nozzle	60" Extra Long Nozzle	135

Note: Condensation pump replaces the condensate take.

Why Portable Air Conditioning?

- Eliminates costly upgrades to existing A/C systems
- Can be powered from a generator in the event of a power outage
- Portable A/C units also do double duty as a de-humidifier, pulling moisture from the air into the collection tank or to a drain.
- Due to portability, units can be moved to areas that are in need of added air conditioning or to areas that are impracticable to furnish central A/C.
- Less costly to install than a standard central system.

About Portable Air Conditioning - How to Select a Unit

To figure out which size unit is best for your cooling needs:

- Determine the square footage of the area to be cooled using the following formulas:
 - For square and rectangular rooms, multiply the length of the area by its width
 - For a triangular area, multiply the length of the area by the width and divide by 2

Note: most rooms can be further divided into these basic shapes to determine the square footage.

- Using the square footage and the chart below, determine the correct cooling capacity. Cooling capacity is measured in British Thermal Units (BTU's) per hour.

Note: 10,000 BTU's = 1 Ton

AREA TO BE COOLED (SQ. FT.)	CAPACITY NEEDED (BTU'S / HOUR)
100 up to 150	5,000
150 up to 250	6,000
250 up to 300	7,000
300 up to 350	8,000
350 up to 400	9,000
400 up to 450	10,000
450 up to 550	12,000
550 up to 700	14,000
700 up to 1,000	18,000
1,000 up to 1,200	21,000
1,200 up to 1,400	23,000
1,400 up to 1,500	24,000
1,500 up to 2,000	30,000
2,000 up to 2,500	34,000

- Make any adjustments for the following circumstances:
 - If the room is heavily shaded, reduce capacity by 10 percent.
 - If the room is very sunny, increase capacity by 10 percent.
 - If more than two people regularly occupy the room, add 600 BTUs for each additional person.
 - If the unit is used in a kitchen, increase capacity by 4,000 BTUs.

Portable Water Cooled Split Air Conditioning System

44



PACWS-22

Features

- Compressor time delay
- Compressor overload protection
- Built-in thermostat.
- Self-diagnostic
- Defrost cycle
- Off-timer
- Condensate pump
- Washable filter
- Wheels for ease of mobility
- Pre-pressurized line set
- 25' cord included
- 1 year limited warranty



Standard Models

UPC# 686334	MODEL	BTU's	POWER SUPPLY		REFRIGERANT	AMP	KW	MAX HOSE LENGTH	LIST
			VOLTS	PHASE					
683807	PACWS-22	22,000	240	1	R-410A	12.4	2.6	100 FT.	12,500

Specifications (cont.)

MODEL	INDOOR UNIT DIMENSION (In.)	OUTDOOR UNIT DIMENSION (In.)	INDOOR UNIT WEIGHT (LBS)	OUTDOOR UNIT WEIGHT (LBS)	FAN SPEEDS	AIRFLOW		DB RATING	
						HIGH	LOW	HIGH	LOW
PACWS-22	28 x 14 x 31	26 x 11 x 20	198	44	2	671	530	58	54

Application Photos



Indoor Portable Air Conditioning Unit



Outdoor Heat Exchanger*

*does not need to be mounted off the ground

Portable Utility Lights

5 Types of Light Sources

45



Incandescent

Uses commonly available and inexpensive, standard (R-40 or PAR) incandescent bulbs up to 300 Watt flood lights.



Quartz Halogen

High light output from weatherproof aluminum die-cast light heads - uses 500 Watt bulbs (included).



Fluorescent

Uses compact, low energy use, long life 55 Watt Fluorescent bulbs (included) - shade remains Cool-to-the-Touch.

LED

Longest Lamp Life
Lowest energy usage per lumens produced.
bulbs (included) - shade remains Cool-to-the-Touch.



Light Selection Chart & Illumination Levels

LIGHT SOURCE:		INCANDESCENT		QUARTZ HALOGEN		FLUORESCENT		LED	
# OF LIGHT HEADS		1	2	1	2	1	2	1	2
MAX. WATTAGE		300	600	500	1,000	55	110	12	24
MAX. LUMENS		3,700	7,400	11,000	22,000	3,000	6,000	960	1,920
AVG. BULB LIFE (HRS.)		2,000		2,000		10,000		50,000	
WIRE GUARD INCLUDED		Yes		Yes		Yes		Yes	
BULB INCLUDED		No		Yes		Yes		Yes	
LIGHT SOURCE ILLUMINATION LEVELS									
Measured Footcandles & Distance from Light Source (open area)	5' ft.	44.9	82.6	74.4	137.3	20.0	35.8	224.5	456.8
	10' ft.	20.8	38.9	36.1	65.9	8.7	14.8	121.4	258.8
	20' ft.	7.8	14.3	13.2	24.6	3.1	5.1	29.0	64.0
	30' ft.	4.0	6.9	6.6	12.3	1.7	2.5	14.2	31.4

6 Types of Bases and Mounts



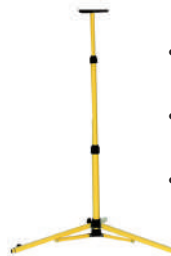
Pedestal Base

- 16 gauge round steel tube construction
- Height adjustable from 5'-6" to 8'-6" high
- 18" heavy duty steel base



Cart Base

- 16 gauge round steel tube construction
- Height adjustable from 5' to 8' high
- 10" diameter wheels



Tripod Base

- 20 gauge round steel tube construction
- Height adjustable from 3' to 6'-6" high
- Base covers 46" diameter area



Floor Base

- 12 gauge steel base
- Handle included
- Base covers 16" diameter area



Clamp-On Mount

- Clamp secures light head to most surfaces up to 3"



Magnet Mount

- 210 lb. magnetic strength
- 1/4" steel arm
- Extends 6" from mounting surface

ATTENTION

Fluorescent and HID lamps contain mercury. Dispose of these lamps according to local, state, or federal laws. For further information on local, state, or other requirements for disposal of mercury-containing lamps, see <http://www.lamprecycle.com>.

Portable Utility Lights

46

Incandescent, Fluorescent, and LED Series

Features

- Chip resistant safety yellow & black powder coating finish for high visibility and durability
- 15' long 18/3 SJT, 120V cordset with NEMA 15-5 grounded plug
- Aluminum shade is 9-3/8" long with 7-3/4" diameter opening and will swivel 300° horizontally and 210° vertically
- On/Off switch & wire guard included on each light head
- ETL C/US Listed for indoor applications only

Lamp Specifications

- INC models do not include an incandescent bulb.
- FL models include a 55W spiral Fluorescent bulb and internal reflector for maximum illumination at shorter distances.
- LED models are designed with an acrylic lens cover over each of the 12 single Watt LED emitters. Constructed with narrow 15° angle beam generating 960 lumens per bulb.



Incandescent
M-INC-1

Fluorescent
CP-FL-1

LED
F-LED-1

Standard Models

UPC# 686334	MODEL	LAMP SOURCE	BASE TYPE	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS.)	LIST
479967	P-INC-1	INCANDESCENT	PEDESTAL	300	1	35	246
479974	P-INC-2			600	2	39	319
479899	C-INC-1		CART	300	1	31	319
479905	C-INC-2			600	2	35	392
480024	T-INC-1		TRIPOD	300	1	13	135
480031	T-INC-2			600	2	17	209
480109	F-INC-1		FLOOR	300	1	8	141
480147	CP-INC-1		CLAMP	300	1	7	111
480185	M-INC-1		MAGNET	300	1	6	123
479981	P-FL-1	FLUORESCENT	PEDESTAL	55	1	35	324
479998	P-FL-2			110	2	39	466
479929	C-FL-1		CART	55	1	31	399
479936	C-FL-2			110	2	35	539
480062	T-FL-1		TRIPOD	55	1	13	214
480079	T-FL-2			110	2	17	356
480123	F-FL-1		FLOOR	55	1	8	221
480161	CP-FL-1		CLAMP	55	1	7	189
480208	M-FL-1		MAGNET	55	1	6	202
487245	P-LED-1	LED	PEDESTAL	12	1	37	526
487252	P-LED-2			24	2	42	881
487269	C-LED-1		CART	12	1	33	600
487276	C-LED-2			24	2	38	954
487283	T-LED-1		TRIPOD	12	1	15	416
487290	T-LED-2			24	2	20	771
487306	F-LED-1		FLOOR	12	1	10	422
487313	CP-LED-1		CLAMP	12	1	9	391
487320	M-LED-1		MAGNET	12	1	8	403

Note: All above models are shipped in ONE Carton

Individual Portable Light Components - Replacement Bulbs

UPC# 686334	MODEL	DESCRIPTION	WATTS	USED WITH	WT. (LBS.)	LIST
485050	SSE-55	Fluorescent Bulb	55	ALL FL Light heads	1	50
470858	LED-12	LED Bulb	12	ALL LED Light heads	1	281
310598	QHL-500	Quartz Halogen Lamp	500	ALL QH Light heads	1	15
310680	MH-100	Metal Halide Bulb	100	ALL MH Light heads	1	92

Quartz Halogen Series

Features

- Chip resistant safety yellow & black powder coating finish for high visibility and durability
- 15' long 18/3 SJT, 120V cordset with NEMA 15-5 grounded plug
- Shade will swivel 300° horizontally and 210° vertically
- On/Off switch, bulb, & wire guard included on each light head

Lamp Specifications

- QH models include a 500W Quartz Halogen bulb and weatherproof die cast aluminum light head with impact resistant lens. Each shade size is 9" wide x 7-1/4" high x 9-3/4" deep. ETL C/US listed for semi-protected outdoor use.



Quartz Halogen
P-QH-2



Quartz Halogen
T-QH-2



Quartz Halogen
P-QH-1



Quartz Halogen
M-QH-1



Quartz Halogen
CP-QH-1



Quartz Halogen
F-QH-1

Standard Models

UPC# 686334	MODEL	LAMP SOURCE	BASE TYPE	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS.)	LIST
479868	P-QH-1	QUARTZ HALOGEN	PEDESTAL	500	1	36	251
479875	P-QH-2			1000	2	41	313
479912	C-QH-1		CART	500	1	32	324
479882	C-QH-2			1000	2	37	386
480048	T-QH-1		TRIPOD	500	1	14	141
480055	T-QH-2			1000	2	19	202
480116	F-QH-1		FLOOR	500	1	9	148
480154	CP-QH-1		CLAMP	500	1	8	117
480192	M-QH-1		MAGNET	500	1	7	129

Individual Portable Light Components - Light heads and Bases

UPC# 686334	MODEL	TYPE	DESCRIPTION	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS.)	LIST
480222	INC-1	LIGHTHEAD	INCANDESCENT	300	1	4	77
480321	INC-2			600	2	7	175
480307	FL-1		FLUORESCENT	55	1	5	159
480345	FL-2			110	2	8	319
487368	LED-1		LED	12	1	6	410
487375	LED-2			24	2	9	811
480291	QH-1		QUARTZ HALOGEN	500	1	5	111
480338	QH-2			1000	2	10	186
480277	PED	BASE	PEDESTAL	-	-	31	196
480284	CRT		CART	-	-	27	221
480239	TRI		TRIPOD	-	-	9	93
480260	FLR		FLOOR	-	-	4	74
480246	CLP		CLAMP	-	-	2	37
480253	MAG		MAGNET	-	-	3	49

Heavy Duty Portable Utility Lights

48



CART
LIGHT
STAND
WITH GFCI

Quartz Halogen Light Heads

- (2) 500 Watt weatherproof die cast Aluminum light heads with 15' long, 3-conductor cord, and plug
- Quartz halogen lamps
- Impact resistant lens
- On-Off switch
- OSHA approved wire guards and bulb included with each light head



PUL-1000Q-TC

TRIPOD
LIGHT
STAND



PUL-2000Q-TC

Cart Light Stand With GFCI Features

- Upright adjust from 5' to 8' high
- 10" diameter rubber wheels
- 15' all-weather, water and oil resistant SJTW 18/3 cordset and molded NEMA 5-15 plug
- Weatherproof electrical box with a 15 Amp GFCI duplex receptacle

Tripod Light Stand Features

- Square 12 gauge steel tubing construction
- Adjustable legs fold up for storage, fold flat for sand bagging or can be set and locked at 6", 12", 18", or 24" ground clearances
- Height adjustable from 5' to 11' high
- Safety stop mechanism, at full extension, prevents the mast from being pulled out of the base
- 15' all-weather, water and oil resistant SJTW 18/3 cordset and molded NEMA 5-15 plug

Standard Models

UPC# 686334	MODEL	BASE TYPE	BULBS	WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS.)	LIST
446785	PUL-1000Q-CD	CART	500W Quartz Halogen	1000	120	22,000	2,000	50	650
446839	PUL-1000Q-TC	TRIPOD						41	686
446846	PUL-2000Q-TC	TRIPOD		2000		44,000		45	927

Commercial Duty Portable Utility Lights

CL 300 (Incandescent - Clamp on Model)

Features



- Ceramic socket will accept incandescent bulbs A-19, R-40 or PAR bulbs up to 300 Watt. Fixture will also accept infrared heat lamps up to 250 Watt
- 8' long - 18/3 SPT cordset with NEMA 5-15 plug

Standard Models

UPC# 686334	MODEL	BASE TYPE	BULBS	MAX. WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE HOURS	WT. (LBS.)	LIST
445078	CL-300	CLIP-ON	300W Incandescent	300	120	11000	2000	3	52

CL-300 is shipped in ONE carton. Bulb not included.

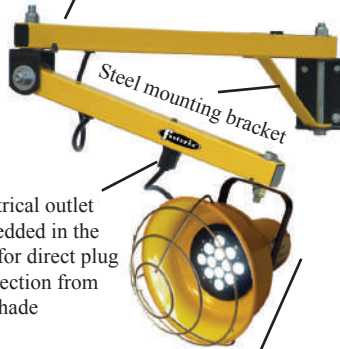
Loading Dock Lights

49

Light Head Features



Dock arm made of 1-1/2" square steel tubing



On/Off switch & high temperature porcelain socket with a nickel plated copper screw shell

- Chip resistant safety yellow & black powder coating finish for high visibility and durability
- 5' long 18/3 SJT, 120V cordset with NEMA 15-5 grounded plug
- On/Off switch & wire guard included on each light head
- 1-1/2" square, 14-gauge, steel tubing
- 3" x 5" x 3/16" mounting plate attached with (4) 3/8" bolts (not supplied)
- (5) Lighting Sources to select from: incandescent, quartz halogen, LED, metal halide, or fluorescent
- (3) Arms Lengths: 24", 40", or 60" (plus 25" flex arm, incandescent only)
- VA models include (2) dock arms with a vertical adjustment bracket allowing outer arm to adjust from 300° horizontally and 210° vertically
- All light heads will swivel 300°
- Bulbs included with all light heads, except incandescent models
- ETL C/US Listed for indoor applications only, except QH models are semi-protected outdoor

Light Selection Chart & Illumination Levels

DESCRIPTION		Incandescent	Quartz Halogen	LED	Metal Halide	Fluorescent
MAX. WATTAGE		300	500	12	100	55
MAX. LUMENS		3,700	11,000	960	9,000	3,000
AVG. BULB LIFE (HRS.)		2,000	2,000	50,000	15,000	10,000
BULB INCLUDED		No	Yes	Yes	Yes	Yes
LIGHT SOURCE ILLUMINATION LEVELS						
Measured Footcandles & Distance from Light Source (inside trailer)	10' ft.	15	28	121	142	9
	20' ft.	5	14	29	55	3
	30' ft.	3	8	14	18	2
	40' ft.	2	5	4	9	---
	50' ft.	---	3	3	7	---

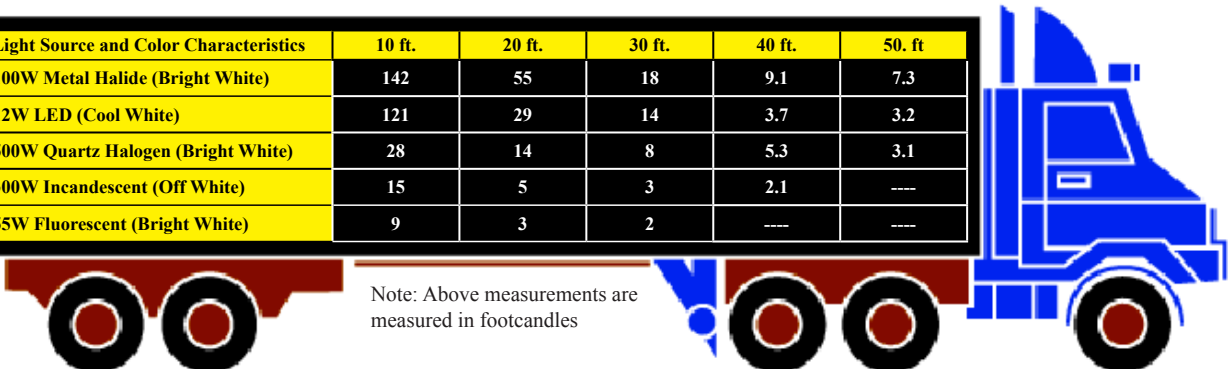
Dock Light Performance Testing

We measured light levels (in footcandles) inside a 8' x 9' x 53' trailer with a wooden floor and ceiling and white fiberglass walls. A matrix of nine measurements were taken at five work plains inside the trailer. Averages were figured along the center work plane of the trailer.

These charts measure the overall quality of truck trailer illumination from a selection of light sources. Many other factors such as: cost of energy, safety, availability of fixtures, cost of labor and replacement lamps should figure into your final decision.

Light Source and Color Characteristics	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.
100W Metal Halide (Bright White)	142	55	18	9.1	7.3
12W LED (Cool White)	121	29	14	3.7	3.2
500W Quartz Halogen (Bright White)	28	14	8	5.3	3.1
300W Incandescent (Off White)	15	5	3	2.1	---
55W Fluorescent (Bright White)	9	3	2	---	---

Note: Above measurements are measured in footcandles



Loading Dock Lights - Fully Assembled Standard Duty Loading Dock Arms

(Light Head and Arm Bolted Together and Shipped in One Carton)

50

Standard Models (120 V)

Incandescent



Quartz



Fluorescent

UPC# 686334	MODEL	ARM LENGTH	# OF ARMS	MAX WATTS	WT. (LBS.)	LIST
INCANDESCENT						
446648	DKL-24-A	24"	1	300	10	172
446655	DKL-40VA-A	40"	2		14	189
446662	DKL-60VA-A	60"	2		17	227
QUARTZ HALOGEN						
446709	DKL-24-QH-A	24"	1	500	11	202
446716	DKL-40VA-QH-A	40"	2		15	227
459587	DKL-40VA-SQH-B	40"	2		7	353
446723	DKL-60VA-QH-A	60"	2		18	264
LED						
470827	DKL-24-LED	24"	1	12	11	447
470834	DKL-40VA-LED	40"	2		15	464
470841	DKL-60VA-LED	60"	2		18	502
FLUORESCENT						
470797	DKL-24-FL-A	24"	1	55	11	221
485036	DKL-40VA-FL-A	40"	2		15	246
470810	DKL-60VA-FL-A	60"	2		18	282

Ceiling Mounted Incandescent Flex Arm



Features

- Flexible elastomer arm moves when hit and then returns light to original position
- Ceramic socket will accept incandescent bulbs, R-40 or PAR bulbs up to 300W
- On-off toggle switch on light head

Standard Models

UPC# 686334	MODEL	ARM LENGTH	WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS.)	LIST
385404	DKL-25-FLX	25"	300	120	3,700	2000	7	200

*Bulb not included.

Light Head Accessories

Standard Models



LG-1

UPC# 686334	MODEL	DESCRIPTION	WATTS	USED WITH	WT. (LBS.)	LIST
331326	LG-1	Lamp Guard	-	INC, LED, or FL Fixtures	2	35
485050	SSE-55	Fluorescent Bulb	55	ALL FL Light heads	1	50
470858	LED-12	LED Bulb	12	ALL LED Light heads	1	281
310598	QHL-500	Quartz Halogen Lamp	500	ALL QH Light heads	1	15

Note: Lamp guards are included with every dock light fixture.

Loading Dock Lights - Modular

51

Modular Lights



Features

- 14" long, 18/3 conductor cord plugs into electrical junction box on arm
- On/Off switch & wire guard included with each light head
- Bulb included with all light heads except DKL-INC

Standard Models

UPC# 686334	MODEL	LIGHT HEAD TYPE	MAX WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS.)	LIST
446563	DKL-INC	Incandescent	300	3,700	2,000	5 lbs.	74
446570	DKL-QH	Quartz Halogen	500	11,000	2,000	6 lbs.	111
470865	DKL-LED	LED	12	960	50,000	7 lbs.	412
484336	DKL-FL	Fluorescent	55	3,000	10,000	7 lbs.	129

Mounting Arms



The outer arm on 40" & 60" arms will swing 300° in horizontal plane & 210° in vertical plane

Features

- 1-1/2" square, 14 gauge, steel tubing
- 3" x 5" x 3/16" mounting plate attaches with (4) 3/8" bolts
- 5' long, 18/3 SJTW conductor cord and NEMA 5-15 grounded plug

Standard Models

UPC# 686334	MODEL NUMBER	ARM LENGTH	TOTAL # OF ARMS	WT. (LBS.)	LIST
446549	DKL-40VA-ARM	40"	2	18 lbs.	117
446556	DKL-60VA-ARM	60"	2	24 lbs.	148
446532	24-LDA**	24"	1	11 lbs.	92
446617	40-LDA**	40"	3	18 lbs.	159
446624	60-LDA**	60"	3	24 lbs.	184

**Indicates heavy duty dock arms.

Loading Dock Arm Fan



Features

- 18" high velocity circulator, with 3 speed, 1/8 HP, 115V, 1phase permanently lubricated, totally enclosed, PSC motor
- Modular fan plugs into electrical outlet on arm
- Coated steel guards and aluminum blades.

UPC# 686334	MODEL NUMBER	CFM			AMPS HIGH	WT. (LBS.)	LIST
		HIGH	MED	LOW			
797184	LDF-18-TE	4600	4200	3200	2.2	20 lbs.	182

Machine Tool Lights

Water Resistant Fluorescent Tube Lights

52



Remote Ballast
with Cordset



Internal Ballast
with Cordset



Remote Ballast

Features

- ETL C/US Listed for NEMA Type 13 applications - oil / water / coolant spray areas (not submersible) and dusty atmospheres.
- Available with a durable, lightweight, economical, shatter resistant polycarbonate tube housing
- Model 21-TLB-IB-C includes a borosilicate (or glass) lens for greater scratch & chemical resistance
- Stainless steel mounting hardware and fluorescent bulb are included
- 8' long, 18/3 SJTOW cord with NEMA 5-15 plug on models with cords
- EOB units with internal ballast are factory wired for 120V w/ 8' long cordset. Units can be field converted for direct wiring for 90V to 277V. Terminal block provided for easy wire installation.

Standard Models

UPC# 686334	MODEL #	DESCRIPTION	WATTS	VOLTS	LUMENS	OVERALL LENGTH	TUBE MATERIAL	BALLAST INCLUDED	WT. (LBS.)	LIST
482943	23-TLP-EOB-C	INTERNAL BALLAST WITH CORDSET	18	90 to 277V	1250	23"	Polycarbonate	Yes	6	393
482950	29-TLP-EOB-C		36		2900	29"	Polycarbonate	Yes	7	416
484343	29-TLP-A	REMOTE BALLAST	50	120V	4300	29"	Polycarbonate	Yes	7	441
482936	23-TLP-24VDC	INTERNAL BALLAST	18	24VDC*	1250	23"	Polycarbonate	Yes	6	386

* Includes 2 ft. lead wires

Accessories - Replacement Lamps

UPC# 686334	MODEL	DESCRIPTION	USED WITH	WT. (LBS.)	LIST
310338	TL-RB-18	Fluorescent Replacement Bulb, 18W, PL-L	All 18 Watt Models	1	58
310086	TL-RB-36	Fluorescent Replacement Bulb, 36W, PL-L	All 36 Watt Models	1	62
310826	TL-RB-50	Fluorescent Replacement Bulb, 50W, PL-L	All 50 & 100 Watt Models	1	68

Heavy Duty Machine Tool Lights

Incandescent

53



Features

- Patented disc and collar swivel joints with adjustable bar knobs for securing arms into a variety of positions
- Shades constructed of a 22 Gauge steel and arms made of 5/8" steel tubing, with reach from 25" to 44"
- Charcoal gray powder coated finish
- Horizontal or vertical bolt down mounting bracket
- 10 amp rocker type on-off switch and lamp socket
- Includes an 8' 18/3 SJTO Cordset with NEMA 5-15 molded grounded plug for 120V operation
- Bulb not included with VCX Models

Standard Models

UPC#	MODEL	BULB TYPE	BULB DESCRIPTION	WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	OVER-ALL REACH	WT. (LBS.)	LIST
686334									
381215	55-VCX-701B	Incandescent	100W medium base A-19, R-30 or PAR 38	100	1470	750	29"	6	189
381314	66-VCX-701B						38"		197

Medium Duty, Flexible Arm, Incandescent, Machine Tool Lights



Features

- Chrome plated, flexible arm
- 8' 18/3 or 18/2 SPT cordset with molded plug
- Turn knob on-off switch
- Phenolic shade with spun Aluminum inner reflector on R - Series
- Bulb not included

Standard Models

UPC#	MODEL	BULB	BASE	MAX LUMEN	OVER-ALL REACH	WT. (LBS)	LIST
686334							
442305	12-R-M-3	60 Watt	Magnetic Base	865	12"	3	129

Illuminated Florescent Magnifiers



Features

- 5", 8-diopter (3X power) magnifying clear lens for 200% magnification of an object with a focal length of 5"
- Suspension spring balanced arm assembly allowing up to 45" reach, with finger tighten control knobs to lock arms and shade into position
- 18/3-wire, grounded, 6' cordset & molded NEMA 15-5 plug
- Housing consists of a sturdy white plastic 8-1/2" shade with an on-off rocker switch and glare protection cover located on the top of the shade
- Includes die-cast clamp-on base to attach to a flat surface up to 2-1/2" thick
- Factory installed 22W, 120V, T-9 deluxe cool white circline Florescent lamp and protective lens

Standard Models

UPC#	MODEL	MAGNIFICATION POWER	BULB	WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	OVER-ALL REACH	SHIPPING WT. (LBS.)	LIST
686334									
485159	45-MAG-W	3X	22W. Circline	22	1800	16,000	45"	10	222
312035	MAG-22W	22W., 120V., T-9 deluxe cool white circline replacement lamp						1	29

Model	Page	Model	Page	Model	Page	Model	Page
12-R-M-3	53	ACM-S	7	CBT-30B-3	28	CEFP-18	29
1A22-7	35	ACM-S	8	CBT-36B	28	CEFP-20	29
1A22-8	35	ACM-W	2	CBT-36B-3	28	CEFP-24	29
1A22-8W	35	ACM-W	5	CBT-42B	28	CEFP-30	29
23-TLP-24VDC	52	ACM-W	7	CBT-42B-3	28	CEFP-36	29
23-TLP-EOB-C	52	ACM-W	8	CBT-48B	28	CEFP-42	29
24-LDA	51	ACM-WK	2	CBT-48B-3	28	CEFP-48	29
24-LDF-TE	39	ACM-WK	4	CD-18	34	CEFP-60	29
29-TLP-A	52	ACM-WK	5	CD-24	34	CES 12	27
29-TLP-EOB-C	52	ACM-WK	7	CD-30	34	CES 16	27
2-SW	35	ACM-WK	8	CD-36	34	CES 18	27
40-LDA	51	ACU 20-P	7	CD-42	34	CES 20	27
40-LDF-TE	39	ACU 20-W	7	CD-48	34	CES 24	27
45-MAG-W	53	ACU 24-CJR	3	CD-54	34	CES 30	27
55-VCX-701B	53	ACU 24-IJR	3	CD-60	34	CES 36	27
60-LDA	51	ACU 24-P	6	CE 10-D	20	CES 42	27
60-LDF-TE	39	ACU 24-PJR	3	CE 10-DS	19	CES 48	27
66-VCX-701B	53	ACU 24-PO	6	CE 10-DV	21	CES 60	27
AC-24GB	7	ACU 24-SJR	3	CE 12-D	20	CES-10G	20
AC-30GB	7	ACU 24-W	6	CE 12-DS	19	CES-10G	21
ACH 20	7	ACU 24-WJR	3	CE 12-DV	21	CES-12G	20
ACH 24	5	ACU 24-WO	6	CE 14-D	20	CES-12G	21
ACH 24-EX1	8	ACU 30-CJR	3	CE 14-DS	19	CES-14G	20
ACH 24-EX3	8	ACU 30-IJR	3	CE 14-DV	21	CES-14G	21
ACH 24-O	5	ACU 30-P	6	CE 16-D	20	CES-16G	20
ACH 30	5	ACU 30-PJR	3	CE 16-DS	19	CES-16G	21
ACH 30-EX1	8	ACU 30-PO	6	CE 16-DV	21	CES-18G	20
ACH 30-EX3	8	ACU 30-SJR	3	CE 18-D	20	CES-18G	21
ACH 30-O	5	ACU 30-W	6	CE 18-DS	19	CES-20G	20
ACH-24-TE3	8	ACU 30-WJR	3	CE 18-DV	21	CES-20G	21
ACH-30-TE3	8	ACU 30-WO	6	CE 20-D	20	CES-24	22
ACM-C	2	AGD-1416B	35	CE 20-DS	19	CES-24G	20
ACM-C	5	BD24-2-WHS	35	CE 20-DV	21	CES-24G	21
ACM-C	7	BD30-2-WHS	35	CE 24-D	20	CES-30	22
ACM-C	8	BD36-2-WHS	35	CE 24-DS	19	CES-30G	20
ACM-I	2	CACM-P	7	CE 24-DV	21	CES-30G	21
ACM-I	5	CACU 24-P	9	CE 30-D	20	CES-36	22
ACM-I	7	CACU 24-PO	9	CE 30-DS	19	CES-42	22
ACM-I	8	CACU 24-W	9	CE 30-DV	21	CES-48	22
AC-MOT	7	CACU 24-WO	9	CE-24B	22	CESM-24	27
AC-MOT-O	7	CACU 30-P	9	CE-24B-3	22	CESM-30	27
ACM-P	2	CACU 30-P-HD	9	CE-30B	22	CESM-36	27
ACM-P	5	CACU 30-PO	9	CE-30B-3	22	CESM-42	27
ACM-P	7	CACU 30-PO-HD	9	CE-36B	22	CESM-48	27
ACM-P	8	CACU 30-W	9	CE-36B-3	22	CESM-60	27
ACMPM	7	CACU 30-WO	9	CE-42B	22	CF-12	37
ACM-PM	2	CAS - 18	15	CE-42-B-3	22	CF-18	37
ACM-PM	5	CAS - 48	15	CE-48B	22	CF-20	37
ACM-PM	8	CBT-24B	28	CE-48-B-3	22	C-FL-1	46
ACM-S	2	CBT-24B-3	28	CEFP-12	29	C-FL-2	46
ACM-S	5	CBT-30B	28	CEFP-16	29	CHR-56	36

Product Index Listing

Model	Page	Model	Page	Model	Page	Model	Page
C-INC-1	46	DKL-LED	39	EHB42-3-3	23	EHD30-1/2-3	24
C-INC-2	46	DKL-LED	51	EHB48-1	23	EHD30-1/3	24
CL-300	48	DKL-MH	51	EHB48-1 1/2	23	EHD30-1/3-3	24
C-LED-1	46	DKL-QH	39	EHB48-1 1/2-3	23	EHD30-1-3	24
C-LED-2	46	DKL-QH	51	EHB48-1/2	23	EHD30-2	24
CLP	47	DMKP1	34	EHB48-1/2-3	23	EHD30-2-3	24
C-MH-1	47	DMKP2	34	EHB48-1-3	23	EHD30-3/4	24
C-MH-2	47	EHB24-1	23	EHB48-2	23	EHD30-3/4-3	24
CPB 30-D	10	EHB24-1/2	23	EHB48-2-3	23	EHD30-3-3	24
CPB 36-B	10	EHB24-1/2-3	23	EHB48-3/4	23	EHD36-1	24
CPB 36-D	10	EHB24-1/4	23	EHB48-3/4-3	23	EHD36-1-3	24
CPB 42-B	10	EHB24-1/4-3	23	EHB48-3-3	23	EHD36-2	24
CPB 48-B	10	EHB24-1-3	23	EHB48-5-3	23	EHD36-2-3	24
CPBS 30-D	10	EHB24-3/4	23	EHB60-1	23	EHD36-3-3	24
CP-FL-1	46	EHB24-3/4-3	23	EHB60-1 1/2	23	EHD36-5-3	24
CP-INC-1	46	EHB30-1	23	EHB60-1 1/2-3	23	EHD42-1-3	24
CP-LED-1	46	EHB30-1 1/2	23	EHB60-1-3	23	EHD42-2	24
CP-MH-1	47	EHB30-1 1/2-3	23	EHB60-2	23	EHD42-2-3	24
CP-QH-1	47	EHB30-1/2	23	EHB60-2-3	23	EHD42-3-3	24
C-QH-1	47	EHB30-1/2-3	23	EHB60-3-3	23	EHD42-5-3	24
C-QH-2	47	EHB30-1/3	23	EHB60-5-3	23	EHD48-3-3	24
CRT	47	EHB30-1/3-3	23	EHD12-1/4	24	EHD48-5-3	24
CS-10-W	35	EHB30-1/4	23	EHD12-1/4-3	24	EHD60-10-3	24
CS-13-W	35	EHB30-1/4-3	23	EHD16-1/4	24	EHD60-3-3	24
CS-14-W	35	EHB30-1-3	23	EHD16-1/4-3	24	EHD60-5-5	24
CS-18-W	35	EHB30-3/4	23	EHD18-1/2	24	EHD60-7 1/2-3	24
CS-19-W	35	EHB30-3/4-3	23	EHD18-1/2-3	24	EMF-12	30
CU-20	37	EHB36-1	23	EHD18-1/3	24	EMF-16	30
DKL-24-A	50	EHB36-1 1/2	23	EHD18-1/3-3	24	EMF-20	30
DKL-24-FL-A	50	EHB36-1 1/2-3	23	EHD20-1	24	EMF-24	30
DKL-24-LED	50	EHB36-1/2	23	EHD20-1/2	24	EMF-30	30
DKL-24-MH-A	50	EHB36-1/2-3	23	EHD20-1/2-3	24	EMF-36	30
DKL-24-QH-A	50	EHB36-1/3	23	EHD20-1/4	24	EMF-42	30
DKL-25-FLX	50	EHB36-1/3-3	23	EHD20-1/4-3	24	EMF-48	30
DKL-40VA-A	50	EHB36-1-3	23	EHD20-1-3	24	EMF-60	30
DKL-40VA-ARM	51	EHB36-2	23	EHD24-1	24	EVAP16-3	40
DKL-40VA-FL-A	50	EHB36-2-3	23	EHD24-1/2	24	EVAP36-1	41
DKL-40VA-LED	50	EHB36-3/4	23	EHD24-1/2-3	24	EVAP36-3	41
DKL-40VA-MH-A	50	EHB36-3/4-3	23	EHD24-1/3	24	EVAP36-HAZ	41
DKL-40VA-QH-A	50	EHB42-1	23	EHD24-1/3-3	24	EVAP48-2	41
DKL-40VA-SQH-B	50	EHB42-1 1/2	23	EHD24-1/4	24	EVAP48-HAZ	41
DKL-60VA-A	50	EHB42-1 1/2-3	23	EHD24-1/4-3	24	EVAP-Mini 500	40
DKL-60VA-ARM	51	EHB42-1/2	23	EHD24-1-3	24	EVAP-Mini 700	40
DKL-60VA-FL-A	50	EHB42-1/2-3	23	EHD24-2	24	Evap-Tank 50	41
DKL-60VA-LED	50	EHB42-1/3	23	EHD24-2-3	24	F-12-TE	37
DKL-60VA-MH-A	50	EHB42-1/3-3	23	EHD24-3/4	24	F-18H-TE	37
DKL-60VA-QH-A	50	EHB42-1-3	23	EHD24-3/4-3	24	F-18-TE	37
DKL-FL	39	EHB42-2	23	EHD24-3-3	24	F-24H-TE	37
DKL-FL	51	EHB42-2-3	23	EHD30-1 1/2	24	F-24-TE	37
DKL-INC	39	EHB42-3/4	23	EHD30-1 1/2-3	24	F-FL-1	46
DKL-INC	51	EHB42-3/4-3	23	EHD30-1/2	24	F-INC-1	46

Model	Page	Model	Page	Model	Page	Model	Page
FL-1	47	HDM-P	4	IE42-1	25	INC-1	47
FL-2	47	HDM-P	7	IE42-1 1/2	25	INC-2	47
F-LED-1	46	HDM-W	2	IE42-1 1/2-3	25	LDF-18-TE	51
FLR	47	HDM-W	4	IE42-1-3	25	LED-1	47
FLS-18	34	HDM-W	4	IE42-2	25	LED-12	46
FLS-24	34	HDM-W	7	IE42-2-3	25	LED-12	50
FLS-30	34	HR-GUARD	36	IE42-3/4	25	LED-2	47
FLS-36	34	HR-RSS-3	36	IE42-3/4-3	25	LG-1	50
FLS-42	34	HR-SS-10	36	IE42-3-3	25	MAG	47
FLS-48	34	HR-SS-10-277	36	IE48-1	25	MAG-22W	53
FLS-54	34	HR-SS-2	36	IE48-1 1/2	25	MB 24-DF	14
FLS-60	34	HR-SS-5	36	IE48-1 1/2-3	25	MB 24-DY	14
F-MH-1	47	HR-SS-5-277	36	IE48-1-3	25	MB 30-DF	14
F-QH-1	47	IBG-12	30	IE48-2	25	MB 30-DY	14
GACM-P	5	IBG-16	30	IE48-2-3	25	MBM-W	14
GV-405-2B	35	IBG-18	30	IE48-3/4	25	MCD18-1	15
HD-24GB	7	IBG-20	30	IE48-3/4-3	25	MCD18-1	16
HD-24GB-C	7	IBG-24	30	IE48-3-3	25	MCD18-1/3	15
HD-30GB	7	IBG-30	30	IE48-5-3	25	MCD18-1/3	16
HD-30GB-C	7	IBG-36	30	IE60-2	25	MCD18-1/4	15
HDH 24	4	IBG-42	30	IE60-2-3	25	MCD18-1/4	16
HDH 24	4	IBG-48	30	IE60-3-3	25	MCD24-1	15
HDH 24	4	IBG-60	30	IE60-5-3	25	MCD24-1	16
HDH 24	4	IE24-1	25	IED12-1/4	26	MCD24-1 1/2	15
HDH 24	4	IE24-1/2	25	IED12-1/4-3	26	MCD24-1 1/2	16
HDH 24-G	5	IE24-1/2-3	25	IED16-1/3	26	MCD24-1/2	15
HDH 24-GJR	2	IE24-1/3	25	IED16-1/3-3	26	MCD24-1/2	16
HDH 24-JR	2	IE24-1/3-3	25	IED18-1/2	26	MCD24-1/3	15
HDH 30	4	IE24-1-3	25	IED18-1/2-3	26	MCD24-1/3	16
HDH 30	4	IE24-3/4	25	IED20-3/4	26	MCD24-1/4	15
HDH 30	4	IE24-3/4-3	25	IED20-3/4-3	26	MCD24-1/4	16
HDH 30	4	IE30-1	25	IED24-1	26	MCD24-3	15
HDH 30	4	IE30-1/2	25	IED24-1-3	26	MCD24-3	16
HDH 30-G	5	IE30-1/2-3	25	IED30-1	26	MCD24-3/4	15
HDH 30-GJR	2	IE30-1/3	25	IED30-1-3	26	MCD24-3/4	16
HDH 30-JR	2	IE30-1/3-3	25	IED36-1 1/2	26	MCD30-1	15
HDHR-56	36	IE30-1-3	25	IED36-1 1/2-3	26	MCD30-1	16
HDHR-56WR	36	IE30-3/4	25	IED42-2-3	26	MCD30-1 1/2	15
HDHR-60	36	IE30-3/4-3	25	IED48-3-3	26	MCD30-1 1/2	16
HDHR-60WR	36	IE36-1	25	IHP 20-H-WD	8	MCD30-1/2	15
HDM-C	2	IE36-1 1/2	25	IHP 24-H	5	MCD30-1/2	16
HDM-C	4	IE36-1 1/2-3	25	IHP 24-H-277	8	MCD30-1/3	15
HDM-C	4	IE36-1/2	25	IHP 24-H-WD	8	MCD30-1/3	16
HDM-C	7	IE36-1/2-3	25	IHP 30-H	5	MCD30-2	15
HDM-I	2	IE36-1/3	25	IHP 30-H-277	8	MCD30-2	16
HDM-I	4	IE36-1/3-3	25	IHP 30-H-WD	8	MCD30-3	15
HDM-I	4	IE36-1-3	25	IHP-MOT	7	MCD30-3	16
HDM-I	7	IE36-2	25	IHR-48	36	MCD30-3/4	15
HD-MOT	7	IE36-2-3	25	IHR-56	36	MCD30-3/4	16
HDM-P	2	IE36-3/4	25	IHR-56-277V	36	MCD36-1	15
HDM-P	4	IE36-3/4-3	25	IHR-56R	36	MCD36-1	16

Product Index Listing

Model	Page	Model	Page	Model	Page	Model	Page
MCD36-1 1/2	15	PAC-60	42	PM-2.5	38	RE36-2-3	33
MCD36-1 1/2	16	PAC-60NOZ	42	PM-3	38	RE36-3/4	33
MCD36-2	15	PACWS-22	44	P-MH-1	47	RE36-3/4-3	33
MCD36-2	16	PADEVAP-16	41	P-MH-2	47	RE42-1	33
MCD36-3	15	PADEVAP-36	41	P-QH-1	47	RE42-1 1/2	33
MCD36-3	16	PADEVAP-48	41	P-QH-2	47	RE42-1 1/2-3	33
MCD36-5	15	PB 30-D	11	PUL-1000Q-CD	48	RE42-1/2	33
MCD36-5	16	PB 36-B	12	PUL-1000Q-TC	48	RE42-1/2-3	33
MCD42-2	15	PB 36-B-3	12	PUL-2000Q-TC	48	RE42-1-3	33
MCD42-5	15	PB 36-B-HL	12	QH-1	47	RE42-2	33
MCD48-10	15	PB 36-D	11	QH-2	47	RE42-2-3	33
MCD48-5	15	PB 42-B	12	QHL-500	46	RE42-3/4	33
MCD48-7 1/2	15	PB 42-B-3	12	QHL-500	50	RE42-3/4-3	33
MCD60-10	15	PB 42-B-HL	12	R1-MOT	2	RE42-3-3	33
MCD60-15	15	PB 42-D	11	R2-MOT	3	RE48-1	33
MCD60-3	15	PB 48-B	12	R3-MOT	3	RE48-1 1/2	33
MCD60-5	15	PB 48-B-3	12	RDS-18	34	RE48-1 1/2-3	33
MCD60-7 1/2	15	PB 48-B-HL	12	RDS-24	34	RE48-1-3	33
M-FL-1	46	PB 48-D-OP	11	RDS-30	34	RE48-2	33
MH-1	47	PBS 30-D	11	RDS-36	34	RE48-2-3	33
MH-100	46	PBS 36-B	12	RDS-42	34	RE48-3/4	33
MH-100	50	PBS 36-B-3	12	RDS-48	34	RE48-3/4-3	33
MH-2	47	PBS 36-B-HL	12	RDS-54	34	RE48-3-3	33
M-INC-1	46	PBS 36-D	11	RDS-60	34	RE48-5-3	33
MK-1	27	PBS 42-B	12	RE24-1	33	RE54-1	33
MK-2	27	PBS 42-B-3	12	RE24-1/2	33	RE54-1 1/2	33
M-LED-1	46	PBS 42-B-HL	12	RE24-1/2-3	33	RE54-1 1/2-3	33
M-MH-1	47	PBS 42-D	11	RE24-1/4	33	RE54-1-3	33
M-QH-1	47	PBS 48-B	12	RE24-1/4-3	33	RE54-2	33
N-12	39	PBS 48-B-3	12	RE24-1-3	33	RE54-2-3	33
NK-PM18	36	PBS 48-B-HL	12	RE24-3/4	33	RE54-3-3	33
ODF-12	38	PBS 48-D-OP	11	RE24-3/4-3	33	RE54-5-3	33
ODF-16	38	PCBT 36-B	14	RE30-1	33	RE60-1	33
OSF-16	38	PCBT 42-B	14	RE30-1 1/2	33	RE60-1 1/2	33
PAC Nozzle	43	PCBT 48-B	14	RE30-1 1/2-3	33	RE60-1 1/2-3	33
PAC Pump	43	PDV-305-1MB-Blk	35	RE30-1/2	33	RE60-1-3	33
PAC12-CF	42	PDV-305-1MB-Br	35	RE30-1/2-3	33	RE60-2	33
PAC12-WD	42	PDV-305-1MB-Gy	35	RE30-1/3	33	RE60-2-3	33
PAC-13	42	PED	47	RE30-1/3-3	33	RE60-3-3	33
PAC-13-37NOZ	42	P-FL-1	46	RE30-1-3	33	RE60-5-3	33
PAC-13EXD	42	P-FL-2	46	RE30-3/4	33	RE60-7 1/2-3	33
PAC-13RAA	42	P-INC-1	46	RE30-3/4-3	33	RS 06-EC	2
PAC16-CF	42	P-INC-2	46	RE36-1	33	RS 06-EC	3
PAC16-WD	42	P-LED-1	46	RE36-1 1/2	33	RS 09-EC	2
PAC-21	42	P-LED-2	46	RE36-1 1/2-3	33	RS 09-EC	3
PAC-21/29EXD	42	PM-1	38	RE36-1/2	33	RS 12-EC	2
PAC-21/29RAA	42	PM-1.5	38	RE36-1/2-3	33	RS 12-EC	3
PAC-29	42	PM-18C	36	RE36-1/3	33	SB 30-D	13
PAC-37	42	PM-18FO	36	RE36-1/3-3	33	SB 36-B	13
PAC-37/60RAA	42	PM-18S	36	RE36-1-3	33	SB 36-B-3	13
PAC-37/60RAA (2)	42	PM-2	38	RE36-2	33	SB 36-B-HL	13

Model	Page	Model	Page	Model	Page	Model	Page
SB 36-D	13	TXB12-1/2	17	TXB30-2	17	TXD30-1/2	18
SB 42-B	13	TXB12-1/2-3	17	TXB30-2-3	17	TXD30-1/2-3	18
SB 42-B-3	13	TXB12-1/3	17	TXB30-3-3	17	TXD30-2	18
SB 42-B-HL	13	TXB12-1/3-3	17	TXB30-5-3	17	TXD30-2-3	18
SB 42-D	13	TXB12-1/4	17	TXB34-1 1/2	17	TXD30-3/4	18
SB 48-B	13	TXB12-1/4-3	17	TXB34-1 1/2-3	17	TXD30-3/4-3	18
SB 48-B-3	13	TXB12-3/4	17	TXB34-2	17	TXD30-3-3	18
SB 48-B-HL	13	TXB12-3/4-3	17	TXB34-2-3	17	TXD34-1 1/2	18
SCK-12	2	TXB15-1/2	17	TXB34-3-3	17	TXD34-1 1/2-3	18
SCK-12	3	TXB15-1/2-3	17	TXB34-5-3	17	TXD34-2	18
SLS-18	34	TXB15-1/3	17	TXB42-1 1/2	17	TXD34-2-3	18
SLS-24	34	TXB15-1/3-3	17	TXB42-1 1/2-3	17	TXD34-3-3	18
SLS-30	34	TXB15-1/4	17	TXB42-2	17	TXD34-5-3	18
SLS-36	34	TXB15-1/4-3	17	TXB42-2-3	17	TXD36-2	18
SLS-42	34	TXB15-3/4	17	TXB42-3-3	17	TXD36-2-3	18
SLS-48	34	TXB15-3/4-3	17	TXB42-5-3	17	TXD36-3-3	18
SLS-54	34	TXB18-1	17	TXB48-5-3	17	TXD42-1-3	18
SLS-60	34	TXB18-1 1/2	17	TXB48-7 1/2-3	17	TXD42-2	18
SR-12	30	TXB18-1 1/2-3	17	TXD12-1/2	18	TXD42-2-3	18
SR-16	30	TXB18-1/2	17	TXD12-1/2-3	18	TXD42-3-3	18
SR-18	30	TXB18-1/2-3	17	TXD12-1/4	18	TXD42-5-3	18
SR-20	30	TXB18-1/3	17	TXD12-1/4-3	18	TXD48-3-3	18
SR-24	30	TXB18-1/3-3	17	TXD12-3/4	18	TXD48-5-3	18
SSE-55	46	TXB18-1/4	17	TXD12-3/4-3	18	TXG-12	18
SSE-55	50	TXB18-1/4-3	17	TXD18-1	18	TXG-15	18
SW-1	15	TXB18-1-3	17	TXD18-1/2	18	TXG-18	18
SW-1 1/2	15	TXB24-1	17	TXD18-1/2-3	18	TXG-24	18
SW-1 1/2-3	15	TXB24-1 1/2	17	TXD18-1/3	18	TXG-27	18
SW-1/2	15	TXB24-1 1/2-3	17	TXD18-1/3-3	18	TXG-30	18
SW-1/2-3	15	TXB24-1/2	17	TXD18-1/4	18	TXG-34	18
SW-1/4	15	TXB24-1/2-3	17	TXD18-1/4-3	18	TXG-36	18
SW-1/4-3	15	TXB24-1-3	17	TXD18-1-3	18	TXG-42	18
SW-1-3	15	TXB24-2	17	TXD24-1	18	TXG-48	18
SW-2-3	15	TXB24-2-3	17	TXD24-1/2	18	U-12-TE	38
SW-3-3	15	TXB24-3/4	17	TXD24-1/2-3	18	U-18-TE	38
SW-5-3	15	TXB24-3/4-3	17	TXD24-1/3	18	U-24-TE	38
SW-7 1/2-3	15	TXB24-3-3	17	TXD24-1/3-3	18	UEB24-1/2	31
T-FL-1	46	TXB27-1	17	TXD24-1/4	18	UEB24-1/2-3	31
T-FL-2	46	TXB27-1 1/2	17	TXD24-1/4-3	18	UEB24-1/3	31
T-INC-1	46	TXB27-1 1/2-3	17	TXD24-1-3	18	UEB24-1/3-3	31
T-INC-2	46	TXB27-1-3	17	TXD24-2	18	UEB24-3/4	31
T-LED-1	46	TXB27-2	17	TXD24-2-3	18	UEB24-3/4-3	31
T-LED-2	46	TXB27-2-3	17	TXD24-3/4	18	UEB30-1	31
TL-RB-18	52	TXB27-3/4	17	TXD24-3/4-3	18	UEB30-1/2	31
TL-RB-36	52	TXB27-3/4-3	17	TXD24-3-3	18	UEB30-1/2-3	31
TL-RB-50	52	TXB30-1	17	TXD27-1	18	UEB30-1-3	31
T-MH-1	47	TXB30-1 1/2	17	TXD27-1/2	18	UEB30-3/4	31
T-MH-2	47	TXB30-1 1/2-3	17	TXD27-1/2-3	18	UEB30-3/4-3	31
T-QH-1	47	TXB30-1/2	17	TXD27-1-3	18	UEB36-1	31
T-QH-2	47	TXB30-1/2-3	17	TXD27-2	18	UEB36-1 1/2	31
TRI	47	TXB30-1-3	17	TXD27-2-3	18	UEB36-1 1/2-3	31

Product Index Listing

Model	Page	Model	Page	Model	Page	Model	Page
UEB36-1/2	31	UED24-3-3	32				
UEB36-1/2-3	31	UED30-1 1/2	32				
UEB36-1-3	31	UED30-1 1/2-3	32				
UEB36-3/4	31	UED30-1-3	32				
UEB36-3/4-3	31	UED30-2	32				
UEB42-1	31	UED30-2-3	32				
UEB42-1 1/2	31	UED30-3/4	32				
UEB42-1 1/2-3	31	UED30-3/4-3	32				
UEB42-1-3	31	UED30-3-3	32				
UEB42-2	31	UED36-2	32				
UEB42-2-3	31	UED36-2-3	32				
UEB42-3/4	31	UED36-3-3	32				
UEB42-3/4-3	31	UED36-5-3	32				
UEB42-3-3	31	UED42-2	32				
UEB48-1	31	UED42-2-3	32				
UEB48-1 1/2	31	UED42-5-3	32				
UEB48-1 1/2-3	31	UED48-10-3	32				
UEB48-1-3	31	UED48-3-3	32				
UEB48-2	31	UED48-5-3	32				
UEB48-2-3	31	UED48-7 1/2-3	32				
UEB48-3/4	31	UED60-10-3	32				
UEB48-3/4-3	31	UED60-5-3	32				
UEB48-3-3	31	UED60-7 1/2-3	32				
UEB54-1	31	UHP 24-CJR	3				
UEB54-1 1/2	31	UHP 24-IJR	3				
UEB54-1 1/2-3	31	UHP 24-P	6				
UEB54-1-3	31	UHP 24-PJR	3				
UEB54-2	31	UHP 24-SJR	3				
UEB54-2-3	31	UHP 24-W	6				
UEB54-3-3	31	UHP 24-WJR	3				
UEB54-5-3	31	UHP 30-CJR	3				
UEB60-1 1/2	31	UHP 30-IJR	3				
UEB60-1 1/2-3	31	UHP 30-P	6				
UEB60-2	31	UHP 30-PJR	3				
UEB60-2-3	31	UHP 30-SJR	3				
UEB60-3-3	31	UHP 30-W	6				
UEB60-5-3	31	UHP 30-WJR	3				
UED18-1	32	WACM-P	7				
UED18-1/2	32	WACM-W	7				
UED18-1/2-3	32	WH-12	29				
UED18-1/3	32	WH-16	29				
UED18-1/3-3	32	WH-18	29				
UED18-1/4	32	WH-20	29				
UED18-1/4-3	32	WH-24	29				
UED18-1-3	32	WH-30	29				
UED24-1	32	WH-36	29				
UED24-1/4	32	WH-42	29				
UED24-1/4-3	32	WH-48	29				
UED24-1-3	32	WH-60	29				
UED24-3/4	32						
UED24-3/4-3	32						