



TPI CORPORATION

AMERICA'S COMFORT CONDITIONING COMPANY
<http://www.tpicorp.com> | 1-800-682-3398



FANS



LIGHTS

PH: 1-800-682-3398 / 1-423-477-4131 | FAX: 1-423-477-0064

INDUSTRIAL - COMMERCIAL - RESIDENTIAL

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TPI Industrial Assembled Maximum Duty Circulators

2

Features

- Easy access hinged guard
- 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	



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 52 to 78 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



HDM-I
I-BEAM MOUNT



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	611
874465	HDH 30-JR	Yellow	30"		9850 / 1100	7500 / 800	4	48	627
874502	HDH 24-GJR	Gray	24"		8600 / 1100	6500 / 800	3.5	44	611
874519	HDH 30-GJR	Gray	30"		9850 / 1100	7500 / 800	4	48	627

Accessories

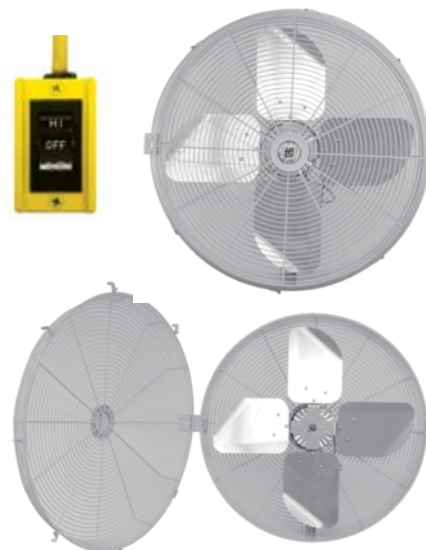
UPC#	MODEL	COLOR	DESCRIPTION	SHIPPING WT. (LBS)	LIST
686334					
796095	HDM-P	Yellow	Heavy Duty Pedestal Mount	34 lbs.	169
796101	HDM-W	Yellow	Heavy Duty Wall Mount	3 lbs.	66
796118	HDM-I	Yellow	Heavy Duty I-Beam Mount	9 lbs.	127
796125	HDM-C	Yellow	Heavy Duty Ceiling Mount	3 lbs.	73
796187	ACM-P	Gray	Pedestal Mount	34 lbs.	162
796194	ACM-W	Gray	Wall Mount	3 lbs.	61
796200	ACM-I	Gray	I-Beam Mount	9 lbs.	120
796217	ACM-C	Gray	Ceiling Mount	3 lbs.	66
796224	ACM-S	Gray	Suspension Mount	2 lbs.	54
874724	RS 06-EC	Yellow	6' Extension Cord with Power Switch	1 lbs.	21
874731	RS 09-EC	Yellow	9' Extension Cord with Power Switch	1.5 lbs.	23
874748	RS 12-EC	Yellow	12' Extension Cord with Power Switch	2 lbs.	25
874755	SCK-12	----	12' Safety Cable with Clamps	.5 lbs.	23
874762	R1-MOT	Yellow	1/2 HP Remote Switch	1 lbs.	81
868181	ACM-PM	Standard Black	Pole Mount	5 lbs	85
868136	ACM-WK	Standard Black	Optional Wheel Kit	4 lbs.	78

TPI Industrial Unassembled Maximum Duty Circulators

Features

- Easy access hinged guard
- 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



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

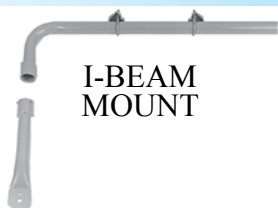
Product Specifications

- Pedestal pole adjusts the center of the fan from 52 to 70 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

TPI Industrial Mounts



CEILING MOUNT



I-BEAM MOUNT



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 82”				43” to 60”				
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	663	874625	ACU 24-PJR	75	521	
	Wall Mount	874540	UHP 24-WJR	45	560	874649	ACU 24-WJR	45	452	
	I-Beam Mount	874564	UHP 24-IJR	50	621	874663	ACU 24-IJR	50	513	
	Ceiling Mount	874588	UHP 24-CJR	45	567	874687	ACU 24-CJR	45	459	
	Suspension Mount	874601	UHP 24-SJR	43	555	874700	ACU 24-SJR	43	446	
30”	Pedestal Mount	874533	UHP 30-PJR	78	680	874632	ACU 30-PJR	78	532	
	Wall Mount	874557	UHP 30-WJR	48	579	874656	ACU 30-WJR	48	464	
	I-Beam Mount	874571	UHP 30-IJR	53	638	874670	ACU 30-IJR	53	525	
	Ceiling Mount	874595	UHP 30-CJR	48	584	874694	ACU 30-CJR	48	471	
	Suspension Mount	874618	UHP 30-SJR	46	572	874717	ACU 30-SJR	46	459	

Accessories

UPC# 686334	MODEL	COLOR	DESCRIPTION	SHIPPING WT. (LBS)	LIST
874724	RS 06-EC	Yellow	6' Extension Cord with Power Switch	1 lbs.	21
874731	RS 09-EC	Yellow	9' Extension Cord with Power Switch	1.5 lbs.	23
874748	RS 12-EC	Yellow	12' Extension Cord with Power Switch	2 lbs.	25
874755	SCK-12	----	12' Safety Cable with Clamps	.5 lbs.	23
874779	R2-MOT	Yellow	Remote Switch for 1/3 HP Motor	1 lbs.	75
874786	R3-MOT	Yellow	Remote Switch for 1/4 HP Motor	1 lbs.	70

TPI Industrial Heavy Duty Yellow Air Circulator

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 52 to 78 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



HDM-I
I-BEAM MOUNT



HDM-W
WALL MOUNT



OPTIONAL
WHEEL KIT

Standard Models

STYLE NUMBER	SIZE	CFM / RPM		AMPS HIGH	FAN TYPE	FAN HEAD		MOUNT		SHIPPING WT. (LBS)	HEAD LIST	MOUNT LIST	TOTAL LIST
		HIGH	LOW			UPC# 686334	MODEL	UPC# 686334	MODEL				
----	24"	8600 / 1100	6500 / 800	3.5	Fan Head	796071	HDH 24	----	----	44	559	----	559
HD 24-P					Pedestal Fan		HDH 24	796095	HDM-P	78	558	169	728
HD 24-W					Wall Mount Fan		HDH 24	796101	HDM-W	47	558	66	624
HD 24-I					I-Beam Mount Fan		HDH 24	796118	HDM-I	53	558	127	686
HD 24-C					Ceiling Mount Fan		HDH 24	796125	HDM-C	47	558	73	632
----	30"	9850 / 1100	7500 / 800	4	Fan Head	796088	HDH 30	----	----	48	571	----	571
HD 30-P					Pedestal Fan		HDH 30	796095	HDM-P	82	570	169	740
HD 30-W					Wall Mount Fan		HDH 30	796101	HDM-W	51	570	66	636
HD 30-I					I-Beam Mount Fan		HDH 30	796118	HDM-I	57	570	127	698
HD 30-C					Ceiling Mount Fan		HDH 30	796125	HDM-C	51	570	73	644
Optional Wheel Kit								868136	ACM-WK	4	----	----	78

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



Standard Models

FAN TYPE		HEAVY DUTY			HIGH PERFORMANCE			STANDARD INDUSTRIAL			OSCILLATING		
FAN HEAD	HP	1/2			1/3			1/4			1/4		
	TYPE	STATIONARY			STATIONARY			STATIONARY			OSCILLATING		
CFM / RPM WEIGHT AMPS	24"	8600 / 7100 1100 / 800	44 lbs.	3.5	7000 / 5200 1100 / 800	40 lbs.	2.8	6800 / 5000 1100 / 800	40 lbs.	2.5	6800 / 5000 1100 / 800	44 lbs.	2.5
	30"	9850 / 8100 1100 / 800	48 lbs.	4	8200 / 6200 1100 / 800	44 lbs.	3.0	7900 / 6000 1100 / 800	44 lbs.	2.7	7900 / 6000 1100 / 800	48 lbs.	2.7
WARRANTY		5 YEARS			3 YEARS			1 YEAR			1 YEAR		
SIZE		UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24"		853927	HDH-24G	535	798983	IHP 24-H	409	796163	ACH 24	319	796361	ACH 24-O	493
30"		852869	HDH-30G	553	798990	IHP 30-H	427	796170	ACH 30	331	796378	ACH 30-O	511

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

Industrial Mounts



PEDESTAL

WALL MOUNT



SUSPENSION MOUNT



I-BEAM MOUNT



CEILING MOUNT



POLE MOUNT



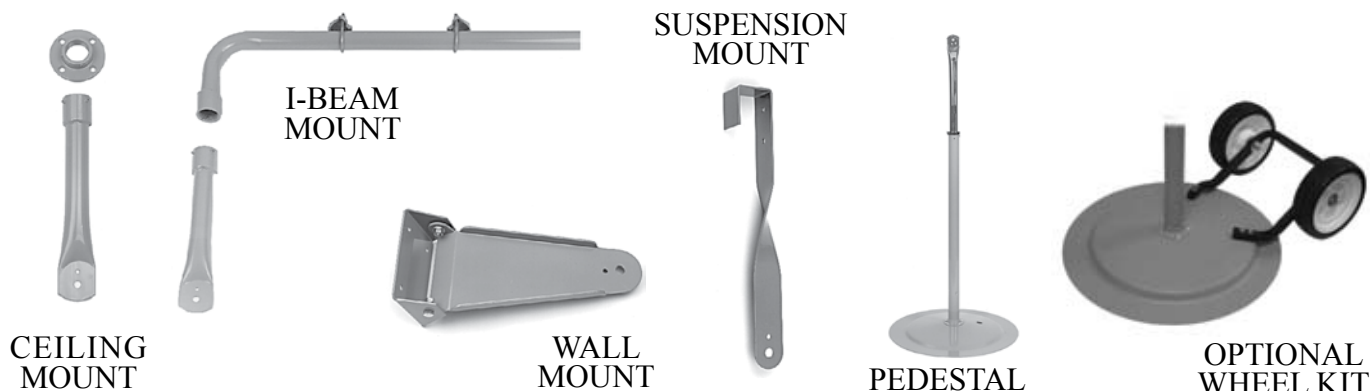
Attaches to 4", 6", or 8" poles.

TPI Industrial Assembled Circulator Heads and Mounts

Product Specifications

- Pedestal pole adjusts the center of fan from 52" to 78" 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)
- Oscillating motors can only be used with any mount when motor can be mounted in the upright position

Standard Models



CIRCULATOR MOUNT	MODEL	UPC# 686334	SHIPPING WT. (LBS)	LIST
Pedestal	ACM-P	796187	34 lbs.	162
Wall Mount	ACM-W	796194	3 lbs.	60
I-Beam Mount	ACM-I	796200	9 lbs.	120
Ceiling Mount	ACM-C	796217	3 lbs.	66
Suspension Mount	ACM-S	796224	2 lbs.	54
Pole Mount	ACM-PM	868181	5 lbs	84
Optional Wheel Kit	ACM-WK	868136	4 lbs.	78

STYLE NUMBER	SIZE	FAN TYPE	MODEL NUMBER		SHIPPING WT. (LBS.)	HEAD LIST	MOUNT LIST	TOTAL LIST
			FAN HEAD	MOUNT				
1/3 HP INDUSTRIAL HIGH PERFORMANCE								
IHP 24-P	24”	Pedestal Fan	IHP 24-H	ACM-P	75	409	162	570
IHP 24-W		Wall Mount Fan		ACM-W	45		61	470
IHP 24-I		I-Beam Mount Fan		ACM-I	50		120	528
IHP 24-C		Ceiling Mount Fan		ACM-C	45		66	474
IHP 24-S		Suspension Mount		ACM-S	43		54	462
IHP 24-PM		Pole Mount		ACM-PM	46		85	492
IHP 30-P	30”	Pedestal Fan	IHP 30-H	ACM-P	78	427	162	589
IHP 30-W		Wall Mount Fan		ACM-W	48		60	487
IHP 30-I		I-Beam Mount Fan		ACM-I	53		120	546
IHP 30-C		Ceiling Mount Fan		ACM-C	48		66	492
IHP 30-S		Suspension Mount		ACM-S	46		54	481
IHP 30-PM		Pole Mount		ACM-PM	49		85	512
1/4 HP STANDARD INDUSTRIAL								
AC 24-P	24”	Pedestal Fan	ACH 24	ACM-P	75	319	162	481
AC 24-W		Wall Mount Fan		ACM-W	45		61	380
AC 24-I		I-Beam Mount Fan		ACM-I	50		120	438
AC 24-C		Ceiling Mount Fan		ACM-C	45		66	384
AC 24-S		Suspension Mount		ACM-S	43		54	373
AC 24-PM		Pole Mount		ACM-PM	46		85	404
AC 30-P	30”	Pedestal Fan	ACH 30	ACM-P	78	331	162	492
AC 30-W		Wall Mount Fan		ACM-W	48		61	392
AC 30-I		I-Beam Mount Fan		ACM-I	53		120	450
AC 30-C		Ceiling Mount Fan		ACM-C	48		66	396
AC 30-S		Suspension Mount		ACM-S	46		54	384
AC 30-PM		Pole Mount		ACM-PM	49		85	416
1/4 HP OSCILLATING INDUSTRIAL								
AC 24-PO	24”	Pedestal Fan	ACH 24-O	ACM-P	79	493	162	654
AC 24-WO		Wall Mount Fan		ACM-W	49		61	554
AC 24-PMO		Pole Mount		ACM-PM	52		84	577
AC 30-PO	30”	Pedestal Fan	ACH 30-O	ACM-P	82	511	162	673
AC 30-WO		Wall Mount Fan		ACM-W	52		60	571
AC 30-PMO		Pole Mount		ACM-PM	55		85	596

TPI Industrial Unassembled Circulators

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



PEDESTAL

TPI Industrial Mounts



CEILING MOUNT



I-BEAM MOUNT



WALL MOUNT



SUSPENSION MOUNT

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	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 74"				43" to 60"				52" to 74"					
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	553	796231	ACU 24-P	75	412	796408	ACU 24-PO	79	625		
	Wall Mount	799027	UHP 24-W	45	450	796248	ACU 24-W	45	343	796415	ACU 24-WO	49	523		
	I-Beam Mount	799034	UHP 24-I	50	511	796255	ACU 24-I	50	403		-----		---		
	Ceiling Mount	799041	UHP 24-C	45	457	796262	ACU 24-C	45	349		-----		---		
	Suspension Mount	799058	UHP 24-S	43	445	796279	ACU 24-S	43	336		-----		---		
30"	Pedestal Mount	799010	UHP 30-P	78	570	796286	ACU 30-P	78	423	796422	ACU 30-PO	82	638		
	Wall Mount	799065	UHP 30-W	48	469	796293	ACU 30-W	48	355	796439	ACU 30-WO	52	535		
	I-Beam Mount	799072	UHP 30-I	53	528	796309	ACU 30-I	53	415		-----		---		
	Ceiling Mount	799089	UHP 30-C	48	474	796316	ACU 30-C	48	361		-----		---		
	Suspension Mount	799096	UHP 30-S	46	462	796323	ACU 30-S	46	349		-----		---		

TPI Industrial 20" Circulators

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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#	MODEL	STYLE	MOUNT TYPE	CFM / RPM	AMPS (High)	WT. (lbs.)	LIST
686334							
868143	ACU 20-P	Unassembled all components and mount in one box	Pedestal Mount	5600 / 4100 1100 / 900	2.4	72	378
868150	ACU 20-W		Wall Mount			42	285
868471	ACH 20	Assembled Fan Head	None - use with any TPI "ACM" or "CACM" Mount			39	273

TPI Industrial Circulator Components

Motors

TYPE	UPC# 686334	MODEL	LIST
HEAVY DUTY	796132	HD-MOT	343
HIGH PERFORMANCE	799515	IHP-MOT	240
INDUSTRIAL	796330	AC-MOT	139
OSCILLATING	796446	AC-MOT-O	324

Guards & Blades

TYPE	UPC# 686334	MODEL	LIST
YELLOW GUARD & BLADE FOR 1/2 HP MOTOR			
24"	796149	HD-24GB	193
30"	796156	HD-30GB	211
SILVER GUARD & BLADE FOR 1/2 HP (HD) MOTOR			
24"	796453	HD-24GB-C	169
30"	796460	HD-30GB-C	186
SILVER GUARD & BLADE FOR 1/3HP & 1/4HP MOTORS			
24"	796347	AC-24GB	144
30"	796354	AC-30GB	162

Mounts

TYPE	UPC# 686334	MODEL	LIST
YELLOW MOUNTS			
PEDESTAL POLE & BASE	796095	HDM-P	169
WALL MOUNT	796101	HDM-W	66
I-BEAM MOUNT	796118	HDM-I	127
CEILING MOUNT	796125	HDM-C	73
GRAY MOUNTS			
PEDESTAL POLE & BASE	796187	ACM-P	162
WALL MOUNT	796194	ACM-W	61
I-BEAM MOUNT	796200	ACM-I	120
CEILING MOUNT	796217	ACM-C	66
SUSPENSION MOUNT	796224	ACM-S	54
POLE MOUNT	868181	ACMPM	85
WHEEL KIT	868136	ACM-WK	78
COMMERCIAL MOUNTS			
PEDESTAL POLE & BASE	869751	CACM-P	137
FDA WHITE MOUNTS (FOR USE WITH WASHDOWN FAN HEADS IN FOOD SERVICE APPLICATIONS)			
PEDESTAL POLE & BASE	868259	WACM-P	172
WALL MOUNT	868266	WACM-W	67

TPI Industrial Specialty Circulator Heads



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 is 2 Speed
- Totally enclosed, permanently lubricated
- Ball bearing



Standard Models

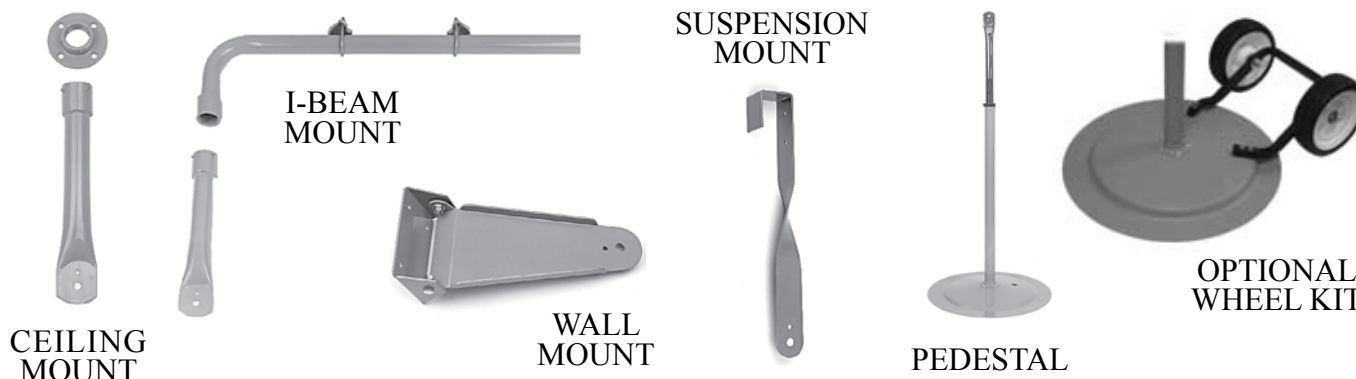
GENERAL DESCRIPTION	MODEL	UPC# 686334	SIZE	MOTOR			CFM		AMPS (HIGH)					WT. (LBS)	LIST
				HP	RPM	VOLTS	HIGH	LOW	120v 1 ph	240v 1 ph	277v 1 ph	240v 3 ph	480v 3 ph		
Hazardous Location Class I Group D Class II Group F & G Unassembled Head	ACH 24-EX1	855198	24"	1/4	1725	120 or 240 1-phase	8000		5	2.6	----	----	----	66	992
	ACH 30-EX1	855204	30"			9200	69	1076							
	ACH 24-EX3	855211	24"			240 or 480 3-phase	8000		----	----	----	1.4	0.7	66	1058
	ACH 30-EX3	855228	30"			9200	69	1159							
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	625
	ACH-30-TE3	855242	30"			9200	48	685							
277 Volt Assembled Head	IHP 24-H-277	854139	24"	1/3	1125	277 1-phase	7000	5200	----	----	1	----	----	40	481
	IHP 30-H-277	854221	30"			8200	6200	44						511	
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	914
	IHP 24-H-WD	854184	24"				8200							48	947
	IHP 30-H-WD	854191	30"				9350							52	979

NOTE: Wash down rated fan heads have heavy zinc coated guards - Use FDA white coated mounts shown on page 18 for food service applications.

Product Specifications

- Pedestal pole adjusts the center of fan from 52" to 78" 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.	162
Wall Mount	ACM-W	796194	3 lbs.	61
I-Beam Mount	ACM-I	796200	9 lbs.	120
Ceiling Mount	ACM-C	796217	3 lbs.	66
Suspension Mount	ACM-S	796224	2 lbs.	54
Pole Mount	ACM-PM	868181	5 lbs	85
Optional Wheel Kit	ACM-WK	868136	4 lbs.	78



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.



PEDESTAL
MOUNT



WALL
MOUNT

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
- Ball bearing
- Open ventilated
- 120V
- 2-Speed
- Permanently lubricated
- Permanent split capacitor

Standard Models

UPC# 686334	MODEL	SIZE	MOUNT TYPE	CFM			AMPS HIGH	WT. (LBS.)	LIST
				HIGH	MED	LOW			
870627	CACU 24-P	24"	Pedestal Mount	5400	4900	4300	2.3	63	340
870641	CACU 24-W		Wall Mount					43	290
869744	CACU 30-P	30"	Pedestal Mount	6000	5500	4800	2.4	66	351
870634	CACU 30-W		Wall Mount					46	301

Note: Stocked models may differ in appearance from photograph

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

11



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			
870665	CPB 42-B	1/2	13,500	11,000	6.5	93	779
872270	CPB 48-B	3/4	15,000	12,000	9.0	129	1053

*Photograph may not accurately represent stocked models

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						
871037	CPBS 30-D	6,300	5,500	3.6	6'	ROCKER	ALUMINUM	60	512
872263	CPB 36-D	8,200	7,000	3.6	10'	ROTARY	STEEL	70	557

36" & 42" TPI Industrial Direct Drive Portable Blowers

12



STANDARD
MODEL



SWIVEL
MODEL

Features

- Comes in sizes 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			
873048	PB 36-D	36"	STANDARD	1/3	12500 / 1040	9000 / 730	5.5	82	661
873055	PBS 36-D	36"	SWIVEL					110	901
873079	PB 42-D	42"	STANDARD	1/2	15,600 / 1040		6.0	102	931
873086	PBS 42-D	42"	SWIVEL					128	1142

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	1412
799805	PBS 48-D-OP	48"	SWIVEL	3/4	17,300 / 824	10.3	----	----	----	142	1611

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

13



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	985	796507	PBS 36-B	145	1159
	42"		3/4	18,200	430	11.0	796484	PB 42-B	135	1124	796514	PBS 42-B	160	1334
	48"		1	22,700	390	15.0	796491	PB 48-B	155	1262	796521	PBS 48-B	180	1503
	36"	240/480 V 3 PH ODP	1/2	14,500	500	2.3 / 1.1	850865	PB 36-B-3	127	1316	850926	PBS 36-B-3	152	1550
	42"		3/4	18,200	430	3.3 / 1.5	850872	PB 42-B-3	143	1474	850933	PBS 42-B-3	168	1839
	48"		1	22,700	390	3.4 / 1.7	850889	PB 48-B-3	164	1677	850940	PBS 48-B-3	189	1935
	36"	120/240 V 1 PH EXP	1/2	14,500	500	7.8 / 3.9	850896	PB 36-B-HL	135	1982	850957	PBS 36-B-HL	160	2187
	42"		3/4	18,200	430	10.8 / 5.4	850902	PB 42-B-HL	150	2086	850964	PBS 42-B-HL	175	2493
	48"		1	22,700	390	13.2 / 6.6	850919	PB 48-B-HL	173	2446	850971	PBS 48-B-HL	198	2697

TPI Industrial Direct Drive Suspension Blower

14



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	571
36"	1/3	873062	SB 36-D	12500	9000	1050	5.6	70	661
42"	1/2	873093	SB 42-D	16200		825	7.9	99	931

TPI Industrial Belt Drive Suspension Blower



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

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	985
796569	SB 42-B	42"	1 PH	3/4	18,200	430	11	135	1124
796576	SB 48-B	48"	ODP	1	22,700	390	15	155	1262
850988	SB 36-B-3	36"	230 / 460 V	1/2	14,500	500	2.3 / 1.1	127	1316
850995	SB 42-B-3	42"	3 PH	3/4	18,200	430	3.3 / 1.5	143	1592
851008	SB 48-B-3	48"	ODP	1	22,700	390	3.8 / 1.9	164	1677
851015	SB 36-B-HL	36"	115 / 230 V	1/2	14,500	500	7.8 / 3.9	135	1982
851022	SB 42-B-HL	42"	1 PH	3/4	18,200	430	10.8 / 5.4	150	2253
851039	SB 48-B-HL	48"	EXP	1	22,700	390	13.2 / 6.6	173	2446

TPI Industrial Mini-Blowers

15

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



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	571	
374366	MB 24-DY	YOKE STYLE		29”	28 1/2”	14 1/4”	52	571				
874373	MB 30-DF	FLOOR STYLE	30”	7800 / 1040	6000 / 730	38 1/2”	37 1/2”	14 1/2”	2.5	58	631	
874380	MB 30-DY	YOKE STYLE		38”	37 1/2”	14 1/2”	58	631				
798907	MBM-W	OPTIONAL WALL/CEILING MOUNT FOR YOKE STYLE MINI-BLOWER									4	115

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
- Permanently lubricated
- 1/2 Shaft

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	1532
42"	868372	PCBT 42-B	3/4	16,300	430	11.0	56 1/2"	34 1/4"	22 1/2"	140	1991
48"	868389	PCBT 48-B	1	22,700	390	15.0	62 1/2"	40 1/4"	18 1/2"	185	2420

TPI Industrial Heavy Duty Direct Drive Blowers

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LOW STAND



MEDIUM STAND



HIGH STAND

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	2499	2488	2877	2937	3080	3069	3453	3522	3362	3351	3741	7573
	MCD18-1/3	1/3	1725	3450	76	105	150	215	2584	2606	3075	3202	3165	3182	3656	3789	3447	3464	3943	7136
	MCD18-1	1	1725	4600	77	117	165	230	2915	2808	3458	3522	3501	3389	4034	4103	3783	3672	4321	4386
24"	MCD24-1/4	1/4	1725	5200	80	115	165	230	2557	2547	2926	3000	3213	3208	3581	3656	3442	3288	3810	3885
	MCD24-1/3	1/3	1140	5300	74	126	175	250	2968	3000	3772	3816	3623	3656	4428	4471	3852	3736	4657	4700
	MCD24-1/2	1/2	1725	6000	80	120	170	240	2771	2782	3347	3288	3427	3437	4001	3943	3656	3522	4231	4172
	MCD24-3/4	3/4	1140	6900	74	140	190	260	3538	3202	4012	3901	4194	3863	4668	4557	4423	3943	4897	4785
	MCD24-1	1	1725	7400	82	130	180	250	3006	2899	3543	3607	3661	3554	4199	4263	3890	3634	4428	4492
	MCD24-1 1/2	1.5	1725	8200	84	137	190	255	3176	3037	4695	3858	3832	3698	5350	4513	4061	3778	5579	4742
	MCD24-3	3	1725	10500	87	160	210	270	----	3315	----	4194	----	3970	----	4855	----	4055	----	5078
30"	MCD30-1/3	1/3	1140	6900	80	150	205	260	3256	3288	4061	4103	3975	4007	4780	4828	4263	4295	5062	5111
	MCD30-1/2	1/2	1725	8900	86	141	195	250	3064	3075	3640	3581	3789	3799	4364	4306	4072	4081	4646	4588
	MCD30-3/4	3/4	1140	10400	80	210	260	320	3747	3416	4215	4108	4466	4135	4940	4833	4748	4417	5222	5116
	MCD30-1	1	1140	11200	81	200	260	310	4492	3602	5356	4263	5216	4326	6080	4982	5499	4609	6362	5265
	MCD30-1 1/2	1.5	1725	12000	92	200	250	310	3458	3320	4977	4141	4177	4045	5701	4865	4460	4326	5984	5147
	MCD30-2	2	1140	14000	84	225	270	330	----	3852	----	4796	----	4577	----	5521	----	4860	----	5803
	MCD30-3	3	1725	16000	94	220	265	325	----	3527	----	4406	----	4252	----	5131	----	4535	----	5409
36"	MCD36-1	1	1140	13000	82	250	320	375	5073	4183	5936	4838	5963	5078	6831	5734	6150	5260	7012	5915
	MCD36-1 1/2	1.5	1725	14850	88	250	320	375	4012	3874	5531	4695	4902	4764	6421	5585	5089	4951	6607	5772
	MCD36-2	2	1140	17500	82	255	325	380	----	4279	----	5227	----	5174	----	6117	----	5356	----	6304
	MCD36-3	3	1725	18500	90	260	330	390	----	4087	----	4966	----	4977	----	5861	----	5163	----	6043
	MCD36-5	5	1725	23000	94	260	330	390	----	4157	----	5121	----	5046	----	6011	----	5227	----	6192
42"	MCD42-2	2	1140	19500	85	315	415	565	----	4913	----	5861	----	5861	----	6805	----	6235	----	7183
	MCD42-5	5	1725	27000	98	320	420	570	----	4785	----	5755	----	5734	----	6698	----	6112	----	7082
48"	MCD48-5	5	1140	32000	92	500	620	710	----	6491	----	8084	----	7535	----	9128	----	8200	----	9795
	MCD48-7 1/2	7.5	1140	37000	105	625	745	835	----	7535	----	10173	----	8580	----	11217	----	9245	----	11878
	MCD48-10	10	1140	41000	105	682	800	890	----	8819	----	11169	----	9864	----	12208	----	10525	----	12875
60"	MCD60-3	3	690	35000	87	690	855	965	----	13834	----	----	----	15805	----	----	----	16258	----	----
	MCD60-5	5	690	45000	87	730	895	1005	----	15560	----	----	----	17526	----	----	----	17984	----	----
	MCD60-7 1/2	7.5	870	47000	90	945	1110	1220	----	13039	----	----	----	15006	----	----	----	15459	----	----
	MCD60-10	10	870	57200	91	1035	1200	1310	----	16231	----	----	----	18198	----	----	----	18656	----	----
	MCD60-15	15	870	60750	92	1080	1245	1355	----	21230	----	----	----	23196	----	----	----	23654	----	----

Manual Starter Switches

MODEL		H.P. RATING	LIST PRICE	
1 PH	3 PH		TEC	
SW-1/4	SW-1/4-3	1/4-1/3	481	1149
SW-1/2	SW-1/2-3	1/2-3/4	481	1149
SW-1	SW-1-3	1	481	1149
SW-1 1/2	SW-1 1/2-3	1.5	1131	1149
----	SW-2-3	2	----	1149
----	SW-3-3	3	----	1149
----	SW-5-3	5	----	1149
----	SW-7 1/2-3	7.5	----	1091

Polyolifin Casters

MODEL	FAN SIZE	WHEEL SIZE	SHIPPING WT. (LBS)	LIST
CAS - 18	18" - 30"	4"	10	461
CAS - 48	36" - 48"	6"	14	649

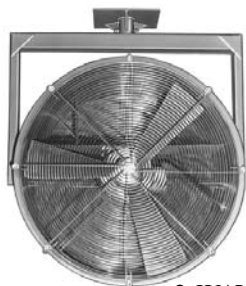
(FOR LOW & MEDIUM STAND)
4 CASTERS - 2 LOCKING

TPI Industrial Heavy Duty Permanent Mount Direct Drive Blowers

17



1-WAY
SWIVEL



2-WAY
SWIVEL

Features

- 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	
						MODEL NUMBER SUFFIX'S		1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH
						-T	-T-3	-T	-T-3	-S	-S-3	-S	-S-3	-S	-S-3
18"	MCD18-1/4	1/4	1725	3050	74	130	140	3315	3304	3687	3752	4161	4152	4540	4604
	MCD18-1/3	1/3	1725	3450	76	135	145	3400	3416	3890	4018	4247	4263	4742	4871
	MCD18-1	1	1725	4600	77	145	155	3730	3623	4268	4337	4582	4471	5121	5185
24"	MCD24-1/4	1/4	1725	5200	80	145	155	3416	3400	3783	3858	4306	4290	4668	4742
	MCD24-1/3	1/3	1140	5300	74	155	165	3826	3858	4631	4673	4711	4742	5516	5558
	MCD24-1/2	1/2	1725	6000	80	150	160	3629	3640	4204	4146	4513	4530	5089	5031
	MCD24-3/4	3/4	1140	6900	74	170	180	4397	4066	4871	4758	5281	4951	5755	5648
	MCD24-1	1	1725	7400	82	160	170	3863	3756	4401	4466	4748	4642	5287	5350
	MCD24-1 1/2	1.5	1725	8200	84	165	175	4028	3896	5552	4716	4918	4780	6437	5601
	MCD24-3	3	1725	10500	87	190	200	----	4172	----	5051	----	5057	----	5936
30"	MCD30-1/3	1/3	1140	6900	80	180	190	4146	4177	4951	4993	5127	5158	5926	5973
	MCD30-1/2	1/2	1725	8900	86	170	180	3954	3965	4535	4471	4935	4945	5510	5451
	MCD30-3/4	3/4	1140	10400	80	240	250	4636	4301	5111	4998	5612	5281	6086	5979
	MCD30-1	1	1140	11200	81	230	240	5382	4492	6251	5153	6362	5472	7226	6128
	MCD30-1 1/2	1.5	1725	12000	92	230	240	4348	4210	5867	5031	5329	5190	6847	6011
	MCD30-2	2	1140	14000	84	255	265	----	4742	----	5686	----	5723	----	6666
	MCD30-3	3	1725	16000	94	250	260	----	4417	----	5302	----	5392	----	6277
36"	MCD36-1	1	1140	13000	82	295	305	6181	5287	7045	5941	7396	6501	8260	7161
	MCD36-1 1/2	1.5	1725	14850	88	295	305	5111	4977	6634	5797	6331	6192	7849	7012
	MCD36-2	2	1140	17500	82	300	310	----	5382	----	6331	----	6602	----	7546
	MCD36-3	3	1725	18500	90	315	325	----	5190	----	6070	----	6405	----	7285
	MCD36-5	5	1725	23000	94	305	315	----	5254	----	6224	----	6475	----	7439

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

Confined Space Blowers

Gasoline Powered Centrifugal Blower



Features

- Powder coated steel housing with 10 gauge steel base
- Vibration absorbing spring mounted feet
- 8" inlet and outlet
- Uses standard 8" flexible duct
- Length: 18" - Width: 16" - Height: 29"
- 2 year limited warranty

May be used in Exhaust Air or Supply Air applications.

Standard Models

UPC# 686334	MODEL	GASOLINE ENGINE	HP	CFM			WEIGHT (LBS)	LIST
				OUTLET	One 90° Bend	Two 90° Bends		
867962	CSB-8CG-H	HONDA	4	1350	1050	775	53 lbs.	2211

Electric Powered Axial Blower With Built-In Hose Canister



CSB-8AE-MC

Features

- Rugged plastic housing
- Single speed, 115V, totally enclosed motor
- 15" inlet and 8" outlet
- Uses standard 8" flexible duct
- Length: 17" - Width: 16" - Height: 17"
- 1 year limited warranty

May be used in Supply Air applications.

Standard Models

UPC# 686334	MODEL	HP	AMPS	CFM			WEIGHT (LBS.)	LIST
				OUTLET	ONE 90° BEND	TWO 90° BENDS		
868006	CSB-8AE-MC	1/3	3.0	1373	740	630	33 lbs.	1421

Accessories - Hoses



Standard Models

UPC# 686334	MODEL	DIAMETER	LENGTH	FABRIC WT.	WEIGHT (LBS)	LIST
868044	DUCT-8-25	8"	25'	13 oz./ yd.	10	313

Accessories-Carriers



Standard Models

UPC# 686334	MODEL	HOSE LENGTH	HOSE WIDTH	LIST
868013	HC-8A	UP TO 25'	8"-10"	135

Tubeaxial Belt Drive Duct Fans

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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	2046	2035	2431	2494
	TXB12-1/3	TXB12-1/3-3	1/3	2875	4	1586	1135	415	----	78	65	2088	2109	2589	2721
	TXB12-1/2	TXB12-1/2-3	1/2	3450	4	1875	1400	1250	1100	83	65	2088	2088	2573	2790
	TXB12-3/4	TXB12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	67	2272	2272	2748	2947
	TXB15-1/4	TXB15-1/4-3	1/4	2000	6	2600	1700		----	77	67	2252	2241	2636	2700
15"	TXB15-1/3	TXB15-1/3-3	1/3	2200	6	2950	2100	1000	----	78	69	2320	2336	2816	2947
	TXB15-1/2	TXB15-1/2-3	1/2	1890	6	3350	2650	1500	----	76	75	2389	2399	2979	2916
	TXB15-3/4	TXB15-3/4-3	3/4	2200	6	3900	3400	2700	1150	78	85	2600	2462	3190	3042
	TXB18-1/4	TXB18-1/4-3	1/4	1600	6	3050	2000		----	76	80	2378	2367	2763	2826
18"	TXB18-1/3	TXB18-1/3-3	1/3	1725	6	3375	2600	1400	----	77	85	2404	2441	2921	3053
	TXB18-1/2	TXB18-1/2-3	1/2	1890	6	3850	3100	2000	----	78	95	2494	2505	3084	3021
	TXB18-1	TXB18-1-3	1	1725	6	4600	4080	3000	2100	77	105	2847	2715	3390	3443
	TXB18-1 1/2	TXB18-1 1/2-3	1.5	1990	6	5350	4830	3950	3000	80	105	2979	2841	4535	3681
	TXB24-1/2	TXB24-1/2-3	1/2	1298	6	5643	4826	3500	----	78	120	2704	2715	3295	3232
24"	TXB24-3/4	TXB24-3/4-3	3/4	1600	6	6906	5900	4650	2750	80	130	2953	2816	3543	3396
	TXB24-1	TXB24-1-3	1	1725	6	7425	6350	5000	3300	84	140	2979	2863	3543	3596
	TXB24-1 1/2	TXB24-1 1/2-3	1.5	1540	6	8200	7650	6850	5500	81	145	3622	3485	5172	4323
	TXB24-2	TXB24-2-3	2	1600	6	9760	8830	8090	7000	82	170	4118	3675	5298	4513
	-----	TXB24-3-3	3	1725	6	10500	9500	8700	7800	86	190	----	3791	----	4693
27"	TXB27-3/4	TXB27-3/4-3	3/4	1250	6	8330	7550	6500	4650	78	150	3617	3474	4202	4060
	TXB27-1	TXB27-1-3	1	1400	6	9400	8480	7300	5200	82	155	3639	3527	4202	4250
	TXB27-1 1/2	TXB27-1 1/2-3	1.5	1600	6	10700	9700	8375	6000	84	170	3802	3664	5351	4497
	TXB27-2	TXB27-2-3	2	1350	6	11500	10700	9300	8000	81	210	4239	3796	5426	4640
30"	TXB30-1/2	TXB30-1/2-3	1/2	1140	4	8900	6660	2300	----	79	140	3421	3438	4012	3955
	TXB30-1	TXB30-1-3	1	1298	6	9867	7980	4120	----	82	150	3796	3686	4360	4413
	TXB30-1 1/2	TXB30-1 1/2-3	1.5	1035	6	11100	9700	7500	3500	78	165	3959	3822	5510	4661
	TXB30-2	TXB30-2-3	2	1176	6	12100	11000	9322	6700	81	215	4334	3891	5520	4735
	-----	TXB30-3-3	3	1350	6	13480	12498	11465	10380	84	215	----	4149	----	5046
	-----	TXB30-5-3	5	1650	6	16440	15242	13982	12659	88	230	----	4197	----	5178
34"	TXB34-1 1/2	TXB34-1 1/2-3	1.5	1170	6	13695	11100	6000	1015	82	190	4577	4440	6127	5273
	TXB34-2	TXB34-2-3	2	1027	6	14657	12590	10000	8000	81	240	5099	4656	6279	5499
	-----	TXB34-3-3	3	1175	6	17580	15896	14095	12000	85	260	----	4777	----	5673
	-----	TXB34-5-3	5	1416	6	20500	19000	17500	16000	88	305	----	4808	----	5800
	TXB42-1 1/2	TXB42-1 1/2-3	1.5	750	4	18960	14662	7200	----	78	250	5589	5452	7139	6285
42"	TXB42-2	TXB42-2-3	2	820	4	20700	17002	11400	4000	80	260	5984	5541	7171	6380
	-----	TXB42-3-3	3	890	4	23700	20200	16970	9950	82	260	----	5657	----	6553
	-----	TXB42-5-3	5	850	6	26900	24403	22250	18400	82	270	----	5953	----	6939
	-----	TXB48-5-3	5	800	6	33000	29000	25600	20000	85	375	----	8826	----	9812
48"	-----	TXB48-7 1/2-3	7.5	900	6	37000	34500	31000	27000	87	520	----	9374	----	11035

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"

Tubeaxial Direct Drive Duct Fans

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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
- Fan can be mounted to operate in any position
- 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"

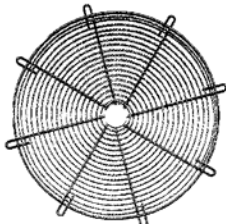
Options

- 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							
						0"	1/4"	1/2"	3/4"			1 PH	3 PH	1 PH	3 PH
12"	TXD12-1/4	TXD12-1/4-3	1/4	1725	4	1180	520	----	----	77	40	1517	1502	1887	1950
	TXD12-1/2	TXD12-1/2-3	1/2	3450	4	1875	1400	1250	1100	82	45	1560	1555	2108	2346
	TXD12-3/4	TXD12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	45	1618	1618	2251	2425
18"	TXD18-1/4	TXD18-1/4-3	1/4	1725	4	3450	2500	----	----	74	55	1792	1777	2161	2224
	TXD18-1/3	TXD18-1/3-3	1/3	1725	6	3375	2600	1400	----	75	65	1881	1898	2361	2493
	TXD18-1/2	TXD18-1/2-3	1/2	1725	6	4150	3150	1700	----	77	65	1955	1966	2525	2467
	TXD18-1	TXD18-1-3	1	1725	6	4600	4080	3000	2100	80	70	2203	2097	2751	2798
24"	TXD24-1/4	TXD24-1/4-3	1/4	1725	2	5200	2820	----	----	80	95	1966	1955	2335	2350
	TXD24-1/3	TXD24-1/3-3	1/3	1140	6	4975	4250	2850	----	74	110	2366	2403	3162	3210
	TXD24-1/2	TXD24-1/2-3	1/2	1725	4	6510	5200	3100	1800	80	115	2172	2182	2741	2683
	TXD24-3/4	TXD24-3/4-3	3/4	1140	6	6900	6265	3300	----	74	125	2935	2609	3400	3294
	TXD24-1	TXD24-1-3	1	1725	6	7425	6350	5000	3300	82	120	2408	2298	2957	3005
	TXD24-2	TXD24-2-3	2	1725	6	9525	8810	7980	6960	84	120	2915	2482	4063	3299
27"	-----	TXD24-3-3	3	1725	6	10500	9500	8700	7800	86	130	----	2699	----	3568
	TXD27-1/2	TXD27-1/2-3	1/2	1725	4	7550	6000	4000	2000	86	125	2372	2377	2935	2877
	TXD27-1	TXD27-1-3	1	1725	4	9600	8400	7050	4800	86	155	2571	2467	3120	3168
30"	TXD27-2	TXD27-2-3	2	1725	6	11500	10700	9300	8000	86	165	3136	2703	4284	3521
	TXD30-1/2	TXD30-1/2-3	1/2	1725	4	8980	6300	4350	2300	86	130	2467	2478	3036	2978
	TXD30-3/4	TXD30-3/4-3	3/4	1140	6	10440	8750	6000	----	80	150	3316	2988	3784	3689
	TXD30-2	TXD30-2-3	2	1725	6	12000	10450	8700	6000	89	155	3226	2793	4374	3610
	-----	TXD30-3-3	3	1725	6	16000	14700	12900	10200	89	175	----	2920	----	3795
34"	TXD34-1 1/2	TXD34-1 1/2-3	1.5	1725	4	13350	10000	7300	----	88	175	3316	3178	4822	3990
	TXD34-2	TXD34-2-3	2	1725	4	14850	12100	8800	4000	89	200	3673	3241	4822	4059
	-----	TXD34-3-3	3	1140	3	19300	17230	14800	11614	86	250	----	4200	----	5302
	-----	TXD34-5-3	5	1725	6	21000	18900	17500	14850	91	220	----	3452	----	4412
36"	TXD36-2	TXD36-2-3	2	1140	6	17620	15200	12300	8500	84	210	----	3600	----	4538
	-----	TXD36-3-3	3	1725	4	18500	15700	13900	11500	89	230	----	4006	----	5107
42"	-----	TXD42-1-3	1	870	4	15800	13480	5800	900	81	270	----	4353	----	----
	TXD42-2	TXD42-2-3	2	1140	4	17964	15326	12351	7600	87	260	----	4101	----	5033
	-----	TXD42-3-3	3	1140	4	24500	23000	19650	14000	87	260	----	4595	----	5697
	-----	TXD42-5-3	5	1140	4	28970	26840	24200	19500	87	300	----	4765	----	6341
48"	-----	TXD48-3-3	3	1140	4	28600	24400	20000	15900	94	290	----	5729	----	6830
	-----	TXD48-5-3	5	870	4	33000	29750	25300	18000	86	500	----	7284	----	----

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
12"	TXG-12	132
15"	TXG-15	132
18"	TXG-18	132
24"	TXG-24	144
27"	TXG-27	181

FAN SIZE	MODEL	LIST
30"	TXG-30	181
34"	TXG-34	231
36"	TXG-36	238
42"	TXG-42	262
48"	TXG-48	343

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 shaded pole type
- 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

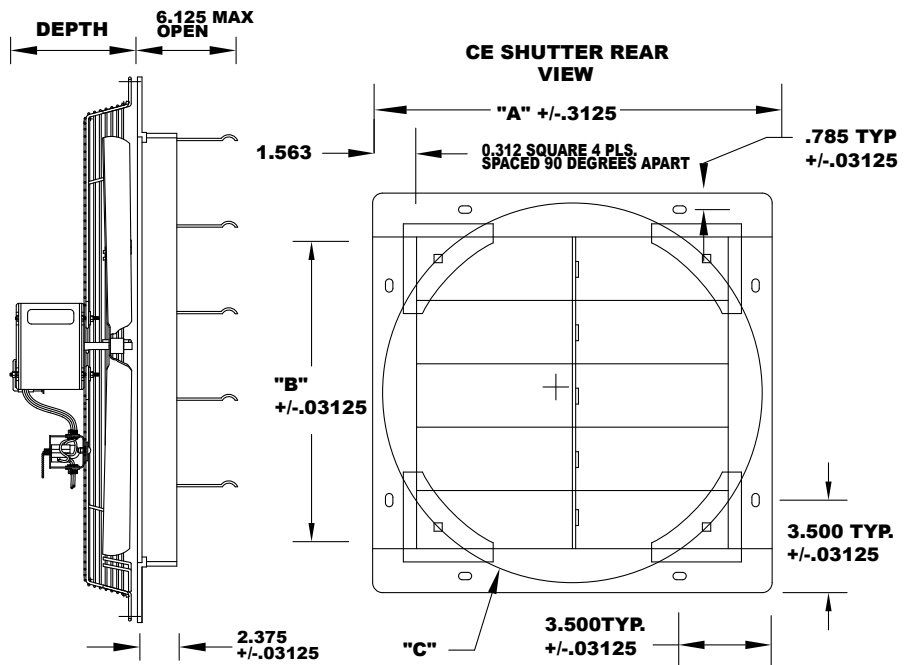


Standard Models

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	277
12"	798624	CE 12-DS	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	16	313
14"	869003	CE 14-DS	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	397
16"	869010	CE 16-DS	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	415
18"	798631	CE 18-DS	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	25	451
20"	869027	CE 20-DS	1/4	2925 / 1140	-	2380 / 1070	2.3	34	535
24"	798648	CE 24-DS	1/4	3400 / 1140	-	2770 / 1070	2.5	47	596
30"	798655	CE 30-DS	1/4	3950 / 1140	-	3080 / 1070	2.7	54	746

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"	2.686"
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 shaded pole type
- 1/8 HP motor is 3-Speed sleeve bearing permanent split capacitor
- 1/4 HP motor is 2-Speed ball bearing permanent split capacitor

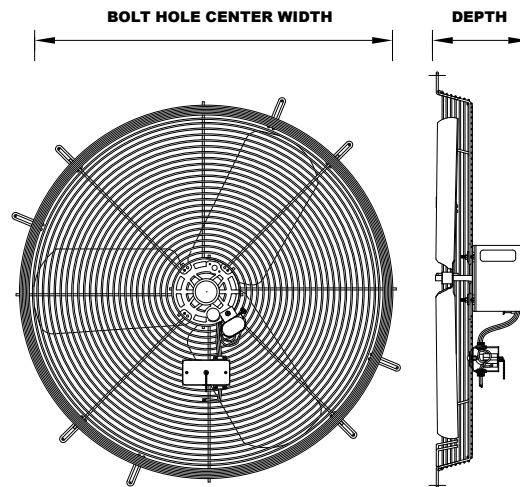


Standard Models

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	235
12"	798501	CE 12-D	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	12	265
14"	868969	CE 14-D	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	282
16"	868976	CE 16-D	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	295
18"	798495	CE 18-D	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	19	324
20"	868983	CE 20-D	1/4	2925 / 1140	-	2380 / 1070	2.3	34	421
24"	798488	CE 24-D	1/4	3400 / 1140	-	2770 / 1070	2.5	38	469
30"	798471	CE 30-D	1/4	3950 / 1140	-	3080 / 1070	2.7	42	547

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	61
12"	798556	CES-12G	5.5	85
14"	868457	CES-14G	6.5	103
16"	851473	CES-16G	8	120
18"	798563	CES-18G	9	145
20"	797528	CES-20G	10	162
24"	798570	CES-24G	13	181
30"	798587	CES-30G	19	211

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 shaded pole type
- 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

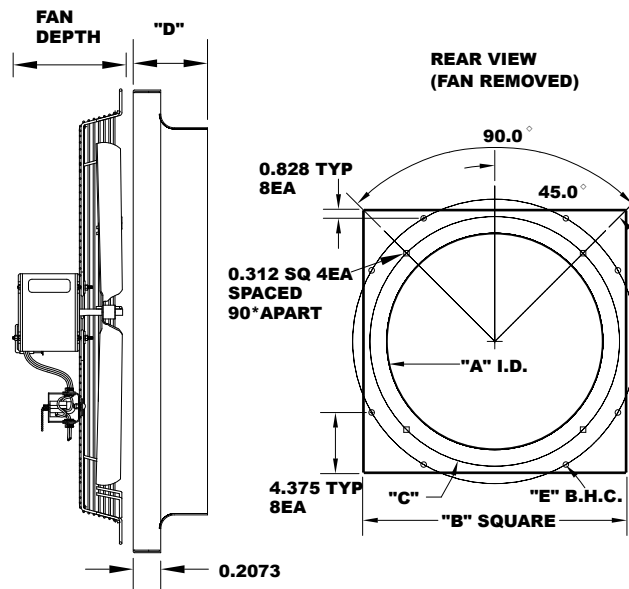


Standard Models

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	277
12"	798662	CE 12-DV	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	17	313
14"	869041	CE 14-DV	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	397
16"	869058	CE 16-DV	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	415
18"	798679	CE 18-DV	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	26	451
20"	869065	CE 20-DV	1/4	2925 / 1140	-	2380 / 1070	2.3	34	535
24"	798686	CE 24-DV	1/4	3400 / 1140	-	2770 / 1070	2.5	48	596
30"	798693	CE 30-DV	1/4	3950 / 1140	-	3080 / 1070	2.7	55	746

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	61
12"	798556	CES-12G	15.13"	15.13"	5.5	85
14"	868457	CES-14G	17.13"	17.13"	6.5	103
16"	851473	CES-16G	19.00"	19.00"	8.0	120
18"	798563	CES-18G	21.13"	21.13"	9.0	145
20"	797528	CES-20G	23.13"	23.13"	10.0	162
24"	798570	CES-24G	27.13"	27.13"	13.0	181
30"	798587	CES-30G	33.13"	33.13"	19.0	211

Commercial Exhaust Fans & Shutters

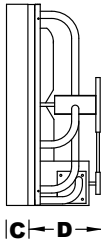
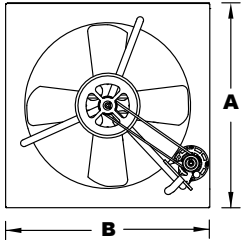
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Belt-Drive Exhaust Fan

Features

- 120V, 1 phase or 230 / 460V, 3-Pphase, ball bearing, permanently lubricated, drip proof motor
- Permanently lubricated bearings on blade drive shaft
- Aluminum blade
- Powder coated venturi and blade
- 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 1Ph			230/460V 3Ph		
		115V	230/460V			UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24	1/3	5	1.9 / .9	3270	50	796705	CE-24B	673	851046	CE-24B-3	775
30	1/3	6	1.9 / .9	7730	60	796712	CE-30B	758	851053	CE-30B-3	866
36	1/2	8	2.3 / 1.1	9870	65	796729	CE-36B	877	851060	CE-36B-3	980
42	3/4	11	3.3 / 1.5	14800	75	796736	CE-42B	1100	851077	CE-42-B-3	1365
48	1	15	3.8 / 1.9	21500	98	796743	CE-48B	1376	851084	CE-48-B-3	1454

Optional Exhaust Shutters



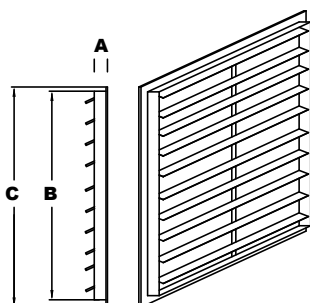
Features

- 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	20	228
796767	CES-30	28	279
796774	CES-36	34	491
796781	CES-42	55	620
796798	CES-48	64	718

Shutter Dimensions (Inches)



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

Standard Models

MODEL	OVERALL DIMENSIONS A x C x C	WALL HOLE SIZE B x B
CES-24	3" x 27" x 27"	25" x 25"
CES-30	3" x 33" x 33"	31" x 31"
CES-36	3" x 39" x 39"	37" x 37"
CES-42	3" x 45" x 45"	43" x 43"
CES-48	3" x 51" x 51"	49" x 49"

Heavy Duty Belt Drive Exhaust Fans

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
- 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
24"	EHB24-1/4	EHB24-1/4-3	30"	1/4	780	4900	60	100	2484	2473	3374	3438
	EHB24-1/2	EHB24-1/2-3		1/2	980	6219	66	130	2628	2638	3715	3683
	EHB24-3/4	EHB24-3/4-3		3/4	1140	7090	71	140	2809	2665	3901	3757
	EHB24-1	EHB24-1-3		1	1250	7180	73	140	2991	2878	3944	3997
30"	EHB30-1/4	EHB30-1/4-3	36"	1/4	540	7178	61	140	2649	2638	3710	3774
	EHB30-1/3	EHB30-1/3-3		1/3	595	7909	63	150	2697	2713	3870	4002
	EHB30-1/2	EHB30-1/2-3		1/2	640	8507	64	155	2766	2777	4046	4019
	EHB30-3/4	EHB30-3/4-3		3/4	770	10235	66	165	3006	2862	4291	4146
	EHB30-1	EHB30-1-3		1	975	10668	70	170	3160	3049	4328	4382
	EHB30-1 1/2	EHB30-1 1/2-3		1 1/2	1140	12473	77	180	3299	3150	5463	4605
36"	EHB36-1/3	EHB36-1/3-3	42"	1/3	460	9113	64	160	3134		4211	4344
	EHB36-1/2	EHB36-1/2-3		1/2	530	10500	66	180	3209	3219	4482	4451
	EHB36-3/4	EHB36-3/4-3		3/4	605	11985	68	200	3416	3278	4690	4547
	EHB36-1	EHB36-1-3		1	665	13174	70	200	3438	3325	4696	4743
	EHB36-1 1/2	EHB36-1 1/2-3		1 1/2	720	13660	72	210	3875	3736	5953	5090
	EHB36-2	EHB36-2-3		2	870	16554	74	215	4280	3832	----	5277
42"	EHB42-1/3	EHB42-1/3-3	48"	1/3	335	10614	64	205	3262	3278	4605	4738
	EHB42-1/2	EHB42-1/2-3		1/2	390	12343	65	210	3331	3342	4765	4743
	EHB42-3/4	EHB42-3/4-3		3/4	435	14040	67	225	3550	3411	5043	4892
	EHB42-1	EHB42-1-3		1	490	15429	69	230	3597	3485	5047	5090
	EHB42-1 1/2	EHB42-1 1/2-3		1 1/2	550	17420	71	240	3741	3603	6198	5335
	EHB42-2	EHB42-2-3		2	725	20653	74	245	4434	3986	----	5570
	----	EHB42-3-3		3	830	23645	79	250	----	4115	----	5746
48"	EHB48-1/2	EHB48-1/2-3	54"	1/2	330	15230	69	190	4120	4131	5729	5702
	EHB48-3/4	EHB48-3/4-3		3/4	370	17339	70	195	4322	4184	6076	5932
	EHB48-1	EHB48-1-3		1	410	19188	71	235	4349	4237	6081	6134
	EHB48-1 1/2	EHB48-1 1/2-3		1 1/2	465	21731	72	245	4525	4387	7222	6358
	EHB48-2	EHB48-2-3		2	520	24274	74	250	5250	4802	----	6566
	----	EHB48-3-3		3	680	28150	80	270	----	4941	----	6759
	----	EHB48-5-3		5	800	33160	83	285	----	4999	----	6891
60"	EHB60-1	EHB60-1-3	66"	1	280	23090	76	380	6065	5953	8219	8272
	EHB60-1 1/2	EHB60-1 1/2-3		1 1/2	340	28068	77	390	6209	6071	9365	8506
	EHB60-2	EHB60-2-3		2	390	32200	78	395	6577	6129	----	8618
	----	EHB60-3-3		3	450	37183	84	410	----	6428	----	8900
	----	EHB60-5-3		5	540	44600	86	420	----	6476	----	9029

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.

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

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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	1502	1493	1881	1945
16"	EHD16-1/4	EHD16-1/4-3	20"	1/4	1725	2800	75	45	1833	1844	2212	2276
18"	EHD18-1/3	EHD18-1/3-3	24"	1/3	1725	3375	75	60	1945	1961	2441	2574
	EHD18-1/2	EHD18-1/2-3		1/2	1725	4150	76	60	2029	2041	2611	2584
20"	EHD20-1/4	EHD20-1/4-3	24"	1/4	1725	3720	75	60	1859	1849	2243	2301
	EHD20-1/2	EHD20-1/2-3		1/2	1725	4800	76	65	2003	2020	2589	2563
24"	EHD20-1	EHD20-1-3	30"	1	1725	6900	77	70	2238	2132	2797	2846
	EHD24-1/4	EHD24-1/4-3		1/4	1725	5200	82	135	1972	1961	2355	2419
	EHD24-1/3	EHD24-1/3-3		1/3	1150	4975	75	145	2387	2419	3197	3240
	EHD24-1/2	EHD24-1/2-3		1/2	1725	6510	82	140	2184	2195	2766	2739
	EHD24-3/4	EHD24-3/4-3		3/4	1725	6900	83	145	2360	2227	2947	2803
	EHD24-1	EHD24-1-3		1	1725	7425	83	155	2424	2312	2984	3032
	EHD24-2	EHD24-2-3		2	1725	9525	83	165	3059	2510	---	3347
	-----	EHD24-3-3		3	1725	10500	85	170	---	2728	---	3623
30"	EHD30-1/3	EHD30-1/3-3	36"	1/3	1150	6950	79	145	2611	2643	3421	3469
	EHD30-1/2	EHD30-1/2-3		1/2	1725	8980	89	135	2430	2441	3011	2984
	EHD30-3/4	EHD30-3/4-3		3/4	1150	10440	79	175	3111	2777	3587	3480
	-----	EHD30-1-3		1	870	10640	74	215	---	3431	---	---
	EHD30-1 1/2	EHD30-1 1/2-3		1 1/2	1725	12000	89	165	2830	2691	4370	3522
	EHD30-2	EHD30-2-3		2	1150	14000	82	215	---	3208	---	4161
	-----	EHD30-3-3		3	1725	16000	89	190	---	2883	---	3772
36"	EHD36-1	EHD36-1-3	42"	1	1150	13600	84	225	4481	3581	5382	4247
	EHD36-2	EHD36-2-3		2	1150	17620	84	250	---	3687	---	4642
	-----	EHD36-3-3		3	1150	20500	85	255	---	4237	---	5361
	-----	EHD36-5-3		5	1725	28000	94	250	---	3554	---	4530
42"	-----	EHD42-1-3	48"	1	870	15800	82	300	---	4161	---	---
	EHD42-2	EHD42-2-3		2	1150	17964	88	260	---	3921	---	4876
	-----	EHD42-3-3		3	1150	24500	88	270	---	4406	---	5531
	-----	EHD42-5-3		5	1150	28970	88	285	---	4582	---	6186
48"	-----	EHD48-3-3	54"	3	1150	28600	92	290	---	5318	---	6442
	-----	EHD48-5-3		5	1150	32000	94	305	---	5568	---	7178
60"	-----	EHD60-3-3	66"	3	1150	40000	97	700	---	6602	---	7726
	-----	EHD60-5-5		5	1150	45000	97	730	---	7226	---	8835
	-----	EHD60-7 1/2-3		7 1/2	870	47000	92	740	---	9490	---	---
	-----	EHD60-10-3		10	870	57200	93	750	---	12719	---	---

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.

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	2061	2077
	IE24-1/2	IE24-1/2-3		1/2	925	6200	66	75	2130	2139
	IE24-3/4	IE24-3/4-3		3/4	1050	7000	71	82	2304	2165
	IE24-1	IE24-1-3		1	1175	7800	73	90	2330	2218
30"	IE30-1/3	IE30-1/3-3	36"	1/3	570	7500	62	95	2156	2171
	IE30-1/2	IE30-1/2-3		1/2	625	8500	64	95	2403	2240
	IE30-3/4	IE30-3/4-3		3/4	725	10000	66	105	2408	2271
	IE30-1	IE30-1-3		1	825	11000	70	115	2461	2350
36"	IE36-1/3	IE36-1/3-3	42"	1/3	425	9000	64	103	2372	2387
	IE36-1/2	IE36-1/2-3		1/2	500	10500	66	105	2445	2461
	IE36-3/4	IE36-3/4-3		3/4	575	11900	68	110	2624	2487
	IE36-1	IE36-1-3		1	650	13100	70	120	2646	2535
	IE36-1 1/2	IE36-1 1/2-3		1 1/2	750	15000	72	155	3025	2888
	IE36-2	IE36-2-3		2	830	16500	74	165	----	2946
42"	IE42-3/4	IE42-3/4-3	48"	3/4	430	14000	67	175	2967	2831
	IE42-1	IE42-1-3		1	490	15400	69	180	2988	2883
	IE42-1 1/2	IE42-1 1/2-3		1 1/2	550	17200	71	185	3131	2999
	IE42-2	IE42-2-3		2	620	19400	74	200	----	3420
	-----	IE42-3-3		3	700	22000	79	225	----	3536
48"	IE48-3/4	IE48-3/4-3	54"	3/4	350	17000	70	185	3246	3109
	IE48-1	IE48-1-3		1	400	19100	71	190	3268	3162
	IE48-1 1/2	IE48-1 1/2-3		1 1/2	460	22000	72	200	3404	3272
	IE48-2	IE48-2-3		2	520	24000	74	250	----	3810
	-----	IE48-3-3		3	590	27500	80	260	----	3927
	-----	IE48-5-3		5	660	30500	83	280	----	3958
60"	IE60-2	IE60-2-3	66"	2	320	31000	77	320	----	5302
	-----	IE60-3-3		3	370	35000	84	330	----	5418
	-----	IE60-5-3		5	420	39000	86	350	----	5466

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

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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	1186	1191
16"	IED16-1/3	IED16-1/3-3	20"	1/3	1725	2834	73	40	1420	1448
18"	IED18-1/2	IED18-1/2-3	24"	1/2	1725	3890	74	55	1596	1608
20"	IED20-3/4	IED20-3/4-3	24"	3/4	1725	4574	77	65	1853	1853
24"	IED24-1	IED24-1-3	30"	1	1725	6632	81	155	2138	2024
30"	IED30-1	IED30-1-3	36"	1	1150	8600	79	185	4190	2424
36"	IED36-1 1/2	IED36-1 1/2-3	42"	1.5	1150	12103	82	260	5280	3244
42"	-----	IED42-2-3	48"	2	1150	17315	87	280	--	3478
48"	-----	IED48-3-3	54"	3	850	24280	86	360	--	4875

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	ROUGH OPENING	OVERALL SIZE	WT. (LBS)	LIST
12"	CES 12	12" x 12"	14" x 15"	4	134
16"	CES 16	16" x 16"	19" x 19"	5	162
18"	CES 18	18" x 18"	21" x 21"	7	187
20"	CES 20	20" x 20"	23" x 23"	8	191
24"	CES 24	24" x 24"	27" x 27"	9	232
30"	CES 30	30" x 30"	33" x 33"	12	285
36"	CES 36	36" x 36"	39" x 39"	12	500
42"	CES 42	42" x 42"	45" x 45"	22	634
48"	CES 48	48" x 48"	51" x 51"	25	732
60"	CES 60	60" x 60"	63" x 63"	31	1016



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, 1Ø

Standard Models

MODEL	DESCRIPTION	WT. (LBS)	LIST
MK-1	For shutter sizes 12" thru 30"	5	377
MK-2	For shutter sizes 36" thru 60"	8	500

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	966
30"	CESM-30	30" x 30"	33" x 33"	18	1128
36"	CESM-36	36" x 36"	39" x 39"	21	1232
42"	CESM-42	42" x 42"	45" x 45"	35	2012
48"	CESM-48	48" x 48"	51" x 51"	42	2844
60"	CESM-60	60" x 60"	63" x 63"	56	3354



Cabinet Exhaust Fans With Shutters

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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 frame size 56 / Shaft: 5/8"
- Ships fully assembled
- Meets OSHA Standards • 1 year warranty



Standard Models

SIZE	MOTOR	AMPS		CFM	WT. (LBS)	115V 1Ph			230 / 460V 3Ph		
		115V	230/460V			UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24	1/3	5	1.9 / .9	3270	100	868396	CBT-24B	1470	868525	CBT-24B-3	1562
30	1/3	6	1.9 / .9	7730	120	868402	CBT-30B	1654	868532	CBT-30B-3	1776
36	1/2	8	2.3 / 1.1	9870	135	868419	CBT-36B	1868	868549	CBT-36B-3	2021
42	3/4	11	3.3 / 1.5	14800	155	868426	CBT-42B	2297	868556	CBT-42B-3	2480
48	1	15	3.8 / 1.9	21500	200	868518	CBT-48B	2848	868501	CBT-48B-3	3032

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

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Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MODEL	FAN SIZE	LIST
CEFP-24	24"	1496
CEFP-30	30"	1688
CEFP-36	36"	2098
CEFP-42	42"	2412
CEFP-48	48"	2877



Features

- For IE, IED, EHB and EHD models.
- Wall collar OD is 1/4" larger than "B" dimension of fan
- 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"	936
CEFP-16	16"	1000
CEFP-18	18"	1129
CEFP-20	20"	1169
CEFP-60	60"	4322



Features

- For IE, IED, EHB and EHD models.
- Wall collar OD is 1/4" larger than "B" dimension of fan
- 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"	939
WH-16	16"	981
WH-18	18"	1001
WH-20	20"	1017
WH-24	24"	1449
WH-30	30"	1508
WH-36	36"	1871
WH-42	42"	1945
WH-48	48"	2251
WH-60	60"	3009



Exhaust Fan Accessories - Fan Guards

32

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"	837
IBG-30	30"	881
IBG-36	36"	1062
IBG-42	42"	1113
IBG-48	48"	1364
IBG-60	60"	2104

Rear Expanded Metal Box Guard



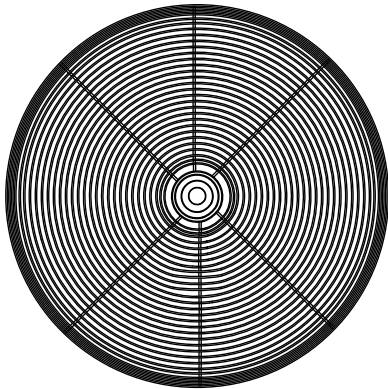
Features

- 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"	513
IBG-16	16"	513
IBG-18	18"	567
IBG-20	20"	567

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"	291
SR-16	16"	310
SR-18	18"	343
SR-20	20"	354
SR-24	24"	380

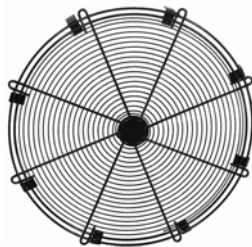
Front Guard

Features

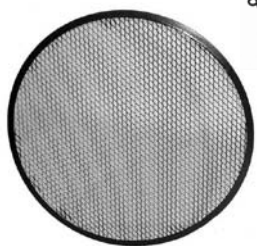
- For EHB, EHD, IE, & IED models
- 1" Larger than blade size
- Meets OSHA requirements

Standard Models

MODEL	FAN	LIST
EMF-12	12"	335
EMF-16	16"	348
EMF-20	20"	367
EMF-24	24"	387
EMF-30	30"	489
EMF-36	36"	605
EMF-42	42"	637
EMF-48	48"	696
EMF-60	60"	1049



Spiral wire guards
12" - 48"



Expanded metal guard
- 60"

Belt Drive Roof Ventilators

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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			
											ODP		TEC	
					MODEL		0"	1/8"			1/4"	1/2"	1 PH	3 PH
24"	UEB24-1/3	UEB24-1/3-3	1/3	780	4900	4222	2807	800	64	300	4763	4733	4769	4763
	UEB24-1/2	UEB24-1/2-3	1/2	980	6219	5716	5661	2600	66	305	4901	4865	4913	4895
	UEB24-3/4	UEB24-3/4-3	3/4	1140	7090	6648	6144	4413	71	310	5068	4955	5080	4991
30"	UEB30-1/2	UEB30-1/2-3	1/2	640	8507	7170	4486	1373	64	350	5129	5099	5141	5122
	UEB30-3/4	UEB30-3/4-3	3/4	770	10235	9192	7657	3833	66	360	5398	5290	5416	5320
	UEB30-1	UEB30-1-3	1	975	10668	9959	8626	5184	70	370	5769	5680	5769	5715
36"	UEB36-1/2	UEB36-1/2-3	1/2	530	10500	8821	5985	2084	66	360	6057	6021	6075	6057
	UEB36-3/4	UEB36-3/4-3	3/4	605	11985	10583	8563	4017	68	370	6404	6291	6416	6321
	UEB36-1	UEB36-1-3	1	665	13174	11932	10299	5729	70	390	6656	6590	6656	6632
	UEB36-1 1/2	UEB36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	395	6920	6794	6931	6818
42"	UEB42-3/4	UEB42-3/4-3	3/4	435	14040	11530	7633	3311	67	455	6974	6866	6992	6896
	UEB42-1	UEB42-1-3	1	490	15429	13194	10438	4668	69	465	7286	7244	7286	7274
	UEB42-1 1/2	UEB42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	470	7698	7573	7717	7603
	UEB42-2	UEB42-2-3	2	725	20653	19128	17503	11319	74	485	8202	7938	8267	7963
	-----	UEB42-3-3	3	830	23645	22296	20984	17290	79	495	----	8041	----	8076
48"	UEB48-3/4	UEB48-3/4-3	3/4	370	17339	13700	7389	2244	70	505	8076	7963	8088	7998
	UEB48-1	UEB48-1-3	1	410	19188	16078	10903	4037	71	520	8321	8232	8333	8274
	UEB48-1 1/2	UEB48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	535	8460	8352	8478	8387
	UEB48-2	UEB48-2-3	2	520	24274	21943	19080	10125	74	545	9196	8963	9269	8987
	-----	UEB48-3-3	3	680	28150	25683	23615	16930	80	560	----	9101	----	9137
54"	UEB54-1	UEB54-1-3	1	410	23130	20588	17500	9600	73	870	11299	11209	11312	11216
	UEB54-1 1/2	UEB54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	880	11539	11437	11569	11467
	UEB54-2	UEB54-2-3	2	480	27200	24312	20660	11010	76	890	11827	11605	11893	11629
	-----	UEB54-3-3	3	550	31213	28722	25830	15420	80	900	----	12006	----	12042
	-----	UEB54-5-3	5	660	37458	35238	32843	26538	82	920	----	12162	----	12174
60"	UEB60-1 1/2	UEB60-1 1/2-3	1.5	340	28068	23203	15624	8000	78	940	12294	12180	12312	12210
	UEB60-2	UEB60-2-3	2	390	32200	26710	17924	9380	80	960	12522	12300	12582	12324
	-----	UEB60-3-3	3	450	37183	32356	25324	15013	84	985	----	12935	----	12965
	-----	UEB60-5-3	5	540	44600	41232	35819	23237	86	1000	----	13037	----	13085

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

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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 (B dimensions)
- Some models available with low R.P.M. motor for quieter operation
- 1 year limited warranty

Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

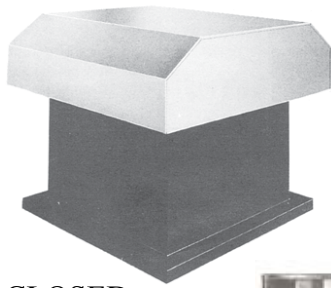
Standard Models

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	
											1 PH	3 PH	1 PH	3 PH
18"	UED18-1/4	UED18-1/4-3	1/4	1140	2570	2263	1673	854	66	170	4242	4260	4530	4775
	UED18-1/3	UED18-1/3-3	1/3	1725	3375	3000	2600	1400	75	175	3925	3918	4535	4667
	UED18-1/2	UED18-1/2-3	1/2	1725	4133	3938	3724	3132	76	180	4032	4014	4649	4763
	UED18-1	UED18-1-3	1	1725	4600	4375	4080	3000	77	190	4494	4398	5122	5170
24"	UED24-1/4	UED24-1/4-3	1/4	1725	5200	4200	2820	----	75	240	4391	4410	4680	4925
	UED24-3/4	UED24-3/4-3	3/4	1140	6900	6450	6265	3300	76	260	5315	5099	5925	5877
	UED24-1	UED24-1-3	1	1725	7425	7000	6350	5000	83	280	4793	4709	5428	5487
	-----	UED24-3-3	3	1725	10500	9800	9500	8700	85	295	----	5057	----	6009
30"	UED30-3/4	UED30-3/4-3	3/4	1140	10440	9750	8750	6000	79	310	5566	5200	6177	6135
	-----	UED30-1-3	1	870	10800	10100	9100	6360	74	330	----	6045	----	----
	UED30-1 1/2	UED30-1 1/2-3	1.5	1140	10410	9686	8834	6420	81	325	7698	5698	----	6489
	UED30-2	UED30-2-3	2	1140	14000	13750	12900	10450	82	335	9280	5835	----	6680
	-----	UED30-3-3	3	1725	16000	15350	14700	12900	89	335	----	5327	----	6285
36"	UED36-2	UED36-2-3	2	1140	17620	16500	15200	12300	84	430	10323	6914	----	7759
	-----	UED36-3-3	3	1140	20500	19500	18500	15850	85	455	----	7333	----	8718
	-----	UED36-5-3	5	1140	22600	21700	20500	19000	87	465	----	7825	----	9388
42"	UED42-2	UED42-2-3	2	1140	17964	17277	15326	12351	88	500	11024	7632	----	8472
	-----	UED42-5-3	5	1140	28970	27960	26840	24200	89	500	----	8507	----	10066
48"	-----	UED48-3-3	3	1140	28600	26500	24400	20000	92	550	----	9184	----	10113
	-----	UED48-5-3	5	870	33000	31500	29750	25300	86	665	----	10964	----	----
	-----	UED48-7 1/2-3	7.5	1140	37000	35100	32800	28000	94	740	----	11012	----	13001
	-----	UED48-10-3	10	1140	41000	39200	38300	35400	95	875	----	11593	----	13708
60"	-----	UED60-5-3	5	870	45200	41500	37000	26000	90	940	----	14487	----	----
	-----	UED60-7 1/2-3	7.5	870	47000	45500	43600	38700	92	950	----	15499	----	----
	-----	UED60-10-3	10	690	54000	51900	49000	43200	87	960	----	26205	----	----

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
- 1 year limited warranty

Options

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

Dimensions

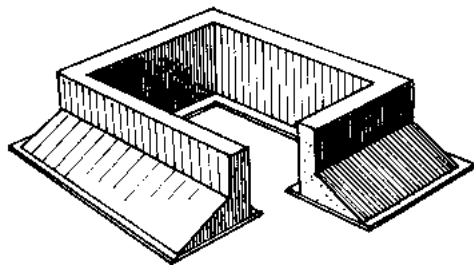
SIZE	MINIMUM ROOF HOLE (SQUARE)	HOLE LENGTH x WIDTH	HOOD HEIGHT	ROOF CURB O.D. (SQUARE)
24"	30"	54" x 64"	30"	39"
30"	36"	60" x 76"	36"	45"
36"	42"	72" x 82"	40"	51"
42"	48"	80" x 89"	43"	57"
48"	54"	87" x 95"	46"	63"
54"	60"	92" x 98"	54"	69"
60"	66"	90" x 107"	56"	75"

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				0" 1/8" 1/4" 1/2"		EXHAUST				INTAKE			
							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	5697	5673	5697	5673
	RE24-1/2	RE24-1/2-3	1/2	980	6219	5716	5061	2600	66	350	5903	5843	5903	5843
	RE24-3/4	RE24-3/4-3	3/4	1140	7090	6648	6144	4413	71	360	6031	5934	6031	5934
	RE24-1	RE24-1-3	1	1250	7180	6696	6271	4464	73	365	6358	6177	6358	6177
30"	RE30-1/3	RE30-1/3-3	1/3	595	7909	6380	3617	767	60	385	6613	6576	6613	6576
	RE30-1/2	RE30-1/2-3	1/2	640	8507	7170	4486	1373	64	385	6715	6655	6715	6655
	RE30-3/4	RE30-3/4-3	3/4	770	10235	9192	7657	3833	66	400	6945	6849	6945	6849
	RE30-1	RE30-1-3	1	975	10668	9959	8626	5184	70	400	7177	6994	7177	6994
	RE30-1 1/2	RE30-1 1/2-3	1.5	1140	12473	11867	11112	8135	77	410	7321	7049	7321	7049
36"	RE36-1/3	RE36-1/3-3	1/3	460	9113	6992	3722	486	64	425	8013	7976	8013	7976
	RE36-1/2	RE36-1/2-3	1/2	530	10500	8821	5985	2084	66	425	8110	8049	8110	8049
	RE36-3/4	RE36-3/4-3	3/4	605	11985	10583	8563	4017	68	435	8273	8177	8273	8177
	RE36-1	RE36-1-3	1	665	13174	11932	10299	5729	70	440	8461	8279	8461	8279
	RE36-1 1/2	RE36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	440	8794	8491	8794	8491
	RE36-2	RE36-2-3	2	870	16554	15376	14088	9691	74	455	9449	8934	9449	8934
42"	RE42-1/2	RE42-1/2-3	1/2	390	12343	9352	4957	1642	65	540	8989	8927	8989	8927
	RE42-3/4	RE42-3/4-3	3/4	435	14040	11530	7633	3311	67	545	9303	9207	9303	9207
	RE42-1	RE42-1-3	1	490	15429	13194	10438	4668	69	555	9491	9310	9491	9310
	RE42-1 1/2	RE42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	560	9558	9377	9679	9377
	RE42-2	RE42-2-3	2	725	20653	19128	17503	11319	74	570	10268	9758	10268	9758
	-----	RE42-3-3	3	830	23645	22296	20984	17290	79	585	----	9880	----	9880
48"	RE48-3/4	RE48-3/4-3	3/4	370	17339	13700	7389	2244	70	650	10910	10813	10910	10813
	RE48-1	RE48-1-3	1	410	19188	16078	10903	4037	71	660	11103	10922	11103	10922
	RE48-1 1/2	RE48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	665	11273	10971	11273	10971
	RE48-2	RE48-2-3	2	520	24274	21943	19080	10125	74	680	11922	11407	11922	11407
	-----	RE48-3-3	3	680	28150	25683	23615	16930	80	700	----	11552	----	11552
	-----	RE48-5-3	5	800	33160	30900	29290	25000	83	720	----	11643	----	11643
54"	RE54-1	RE54-1-3	1	410	23130	20588	17500	9600	73	910	13213	13031	13213	13031
	RE54-1 1/2	RE54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	920	13479	13176	13479	13176
	RE54-2	RE54-2-3	2	480	27200	24312	20660	11010	76	930	13819	13303	13819	13303
	-----	RE54-3-3	3	550	31213	28722	25830	15420	77	940	----	13546	----	13546
	-----	RE54-5-3	5	660	37458	35238	32893	26538	80	960	----	13649	----	13649
60"	RE60-1	RE60-1-3	1	250	23090	19161	12850	----	76	1150	13904	13722	13904	13722
	RE60-1 1/2	RE60-1 1/2-3	1.5	340	28068	23283	15624	8000	77	1150	14437	14134	14437	14134
	RE60-2	RE60-2-3	2	390	32200	26710	17924	9380	78	1200	14753	14238	14753	14238
	-----	RE60-3-3	3	450	37183	32356	25324	15013	84	1220	----	14486	----	14486
	-----	RE60-5-3	5	540	44600	41232	35819	23237	86	1240	----	14577	----	14577
	-----	RE60-7 1/2-3	7.5	620	50184	47603	43981	32880	89	1285	----	15092	----	15092

Insulated Roof Curbs

36



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"	446	863	1017
24"	FLS-24	SLS-24	RDS-24	38" x 38"	50" x 50"	517	988	1160
30"	FLS-30	SLS-30	RDS-30	44" x 44"	56" x 56"	583	1107	1309
36"	FLS-36	SLS-36	RDS-36	50" x 50"	62" x 62"	637	1214	1399
42"	FLS-42	SLS-42	RDS-42	56" x 56"	68" x 68"	702	1333	1577
48"	FLS-48	SLS-48	RDS-48	62" x 62"	74" x 74"	946	1791	2124
54"	FLS-54	SLS-54	RDS-54	68" x 68"	80" x 80"	1024	1946	2303
60"	FLS-60	SLS-60	RDS-60	74" x 74"	86" x 86"	1119	2118	2506

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"	593
24"	CD-24	34" x 34"	691
30"	CD-30	40" x 40"	953
36"	CD-36	46" x 46"	1179
42"	CD-42	52" x 52"	1301
48"	CD-48	58" x 58"	1580
54"	CD-54	64" x 64"	1981
60"	CD-60	70" x 70"	2155

Motor Kit

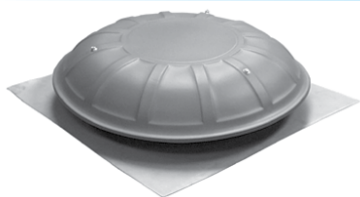
115V or 230V, 60Hz, 1-Phase. (Specify Voltage)

MODEL	DESCRIPTION	SHIPPING WT. (LBS)	LIST
DMKP1	For shutter sizes 18" thru 36"	5	540
DMKP2	For shutter sizes 42" thru 60"	8	644

Attic Fans

Power Attic Mount Dome Ventilator

37



Note: Product may differ in appearance from image.

Features

- 120V Motor / 1-Phase
- Safety fire link protected
- 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	135
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



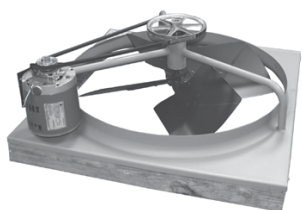
Features

- 120V motor / 1-Phase
- Safety fire link protected
- Automatic adjustable thermostat
- 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	105
866521	AGD-1416B	Alum Damper for GV-405-2	----	----	3	64

Belt Drive Wholehouse Fans



Features

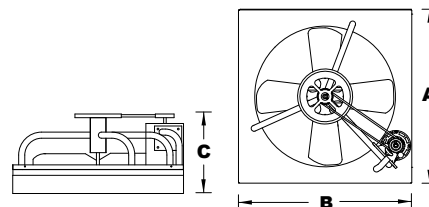
- 2-Speed motors
- Shutters automatically open when fan is turned on and close tightly when fan is turned off
- 120V, 1-Phase

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

Standard Models

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	674
793636	BD30-2-WHS	30"	2	1/3	7600/5800	520/350	34 35.5 14.5	9	7.5/4.4	50	723
793643	BD36-2-WHS	36"	2	1/3	9675/6400	395/265	40 41.5 14.5	12	6.3/3.1	64	796

Fan Dimensions



Ceiling Shutters

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	129
794466	CS-13-W	32X34	34X36	30"	10	135
794534	CS-14-W	34X34	36X36	30"	10	141
794473	CS-18-W	32X43	34X45	36"	11	154
794527	CS-19-W	34X43	36X45	36"	11	166

"Joist out style" (For replacement only)

Control Options

UPC#	MODEL	DESCRIPTION	WGHT. LBS.	LIST
686334				
792707	2-SW	2 Speed wall switch & plate	1	37
500081	1A22-7	SP Close on rise (Attic Thermostat) (90°-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

Industrial Ceiling Fans



Features

- All metal construction. White epoxy finish
- 24" Down rod with safety cable
- Mounts to 3/8" diameter steel J-hook
- 18 pole, 115V, 1-Phase, Capacitor type, impedance protected motor with sealed ball bearings
- Optional or other down rod length available

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	WEIGHT (LBS.)	LIST
Commercial	852968	CHR-56	Down Draft	56"	120	19000	320	0.6	15	162
Industrial	797993	IHR-48	Down Draft	48"	120	17100	320	0.53	14	223
Industrial	797153	IHR-56	Down Draft	56"	120	21000	310	0.6	15	235
Industrial	798006	IHR-56R	Reversible	56"	120	21000	310	0.55	14	240
Industrial	800891	IHR-56-277V*	Down Draft	56"	277	21000	310	0.3	16	240
Heavy Duty	851527	HDHR-56	Down Draft	56"	120	27500	320	0.75	18	306
Heavy Duty	799393	HDHR-60	Down Draft	60"	120	47000	320	0.8	21	348
Water and Dust Resistant Models										
Heavy Duty	854085	HDHR-56WR	Down Draft	56"	120	27500	320	1.1	17	330
Heavy Duty	854092	HDHR-60WR	Down Draft	60"	129	47000	320	0.8	21	373

* 277 volt, commercial, and reversing models have lead wires instead of cordset.

Solid State Controls (120 & 277V Units)

120V		277V		TYPE	LIST
UPC# 686334	MODEL	UPC# 686334	MODEL		
797634	HR-SS-2	-----	-----	1-2 FANS SPEED CONTROL	43
797641	HR-SS-5	853392	HR-SS-5-277	3-5 FANS SPEED CONTROL	103
799416	HR-SS-10	852654	HR-SS-10-277	6-10 FANS SPEED CONTROL	151

Solid State Controls & Reversing Switch for IHR-56R

UPC# 686334	MODEL	TYPE	LIST
866682	HR-RSS-3	1-3 FANS REVERSING SWITCH and SPEED CONTROL	138

Options

UPC# 686334	MODEL	TYPE	LIST
851220	HR-GUARD	FOR 56" MODELS	596
850421	Suffix - X3	36" DOWN ROD OPTION	+40 Adder

Industrial Workstation Floor Fans

39



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	134
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	168
24"	852852	F-24-TE		1/8	5850 / 1634	5200 / 1484	3600 / 1200	26"	26"	10 1/2"	2.4	23	313
18"	797306	F-18H-TE	HIGH STAND	1/8	4600 / 1660	4200 / 1550	3200 / 1370	53"	25"	27"	2.2	27	223
24"	854061	F-24H-TE		1/8	5850 / 1634	5200 / 1484	3600 / 1200	53"	30"	27"	2.4	30	391

TPI Commercial Workstation Floor Fans

20" Commercial Floor Fan



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, 1/5HP
- 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			
870658	CF-20	20"	FLOOR	1/5	3450	3100	2950	1.9	18	134
523332	CU-20	20"	WORKSTATION	1/5	3450	3100	2950	1.9	18	161

Industrial Mounted Workstation Fans

40



Features

- Pull chain switch
- Head rotates 360° vertical and horizontal direction
- 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

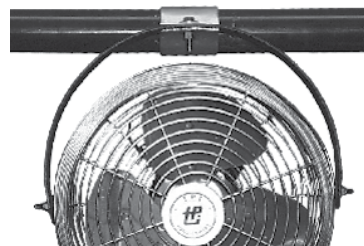
FAN SIZE	UPC# 686334	MODEL	MOTOR HP	CFM / RPM			DIMENSIONS			MAX AMPS	SHIPPING WT (LBS)	LIST
				HIGH	MED	LOW	"H"	"W"	"D"			
12"	798600	U-12-TE	1/12	1650 / 1590	1420 / 1380	1120 / 1080	15 1/4"	14 1/2"	9 1/2"	1.1	13	140
18"	797283	U-18-TE	1/8	4600 / 1660	4200 / 1550	3200 / 1370	21 1/2"	20 1/2"	10 1/2"	2.2	20	173
24"	854078	U-24-TE	1/8	5850 / 1634	5200 / 1484	3600 / 1200	27"	26"	10 1/2"	2.4	23	324

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	47
1 1/2"	851251	PM-1.5	51
2"	851268	PM-2	57
2 1/2"	851275	PM-2.5	62
3"	851282	PM-3	67

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	66
16"	851312	ODF-16	DESK	3	2100	0.5	8.5	78
16"	851329	OSF-16	STAND	3	2100	0.5	15.5	98

Workstation Wall Mount Fan With Pivoting Arm

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

41



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"	5750	4700	3200	2.2	31 lbs.	274
800921	40-LDF-TE	18"	40"					38 lbs.	341
800938	60-LDF-TE	18"	60"					44 lbs.	366

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	Florescent	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



WALL MOUNT



BENCH MOUNT CEILING MOUNT

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"

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	295

Portable High Pressure Misters

42



Generates a fine water vapor or “fog” mist that can reduce air temperatures up to 30°F.

1000 psi pump system designed to run one master fan and up to two satellite fans.

Modular system components can be combined to construct a portable misting system using 24” or 30”, oscillating or non-oscillating fans.

Fans can be operated with or without misting.

Application Shots



High Pressure Pump System

- 120 Volt, 11-Amp, 1/2 HP motor and CAT (brand) triplex plunger pump that delivers ½ of a gallon of water per minute at 1000 psi. Pump has onboard, adjustable, regulating un-loader for pressure control and pump protection; oil level sight glass and bypass system
- Pressure gauge installed near the regulator for easy pressure adjustment for variable nozzle set-ups (more or less mist can be produced with up to 24 anti-drip nozzles, nozzles are .008")
- 5 micron canister water filter
- Automatic low water pressure shut-off
- Female coupler for standard 5/8" water hose (water input supply)
- Three male quick disconnects for water supply to master unit and two additional satellite fans.
- 3-position DPDT switch (fan only, off, fan & pump)
- GFCI integral to cordset protects total system from leakage current
- Pump box lid hinged for easy access with 2 stainless steel latches for lock-down

Master Pump Cart (HPM-PCT)

- Black powder-coated cart with 10" all-terrain non-pneumatic wheels
- Permanently mounted pump container
- Cord wraps and support handle included on the column upright assembly
- Pump cart unit comes with stainless steel closed-loop misting ring ported for 8 nozzles (shipped with 8 -.008" anti-drip nozzles and 4 plugs) for the master fan.

Satellite Pedestal Base (HPM-P)

- Black powder-coated column and base with 10" all-terrain non-pneumatic wheels
- Satellite fan pedestal base comes with 25' of 2500 psi rated hose and stainless steel closed-loop misting ring ported for 8 nozzles (shipped with 8 -.008" anti-drip nozzles and 4 plugs)

Portable High Pressure Misters

Oscillating & Non-Oscillating Misting Fan Heads for Master & Satellite Units

43



Features

- 24" and 30" - oscillating and non-oscillating
- Pull chain switch
- White powder coated steel guards with 9" plastic shroud
- Steel hub/spider & aluminum paddle blades
- Meets all OSHA standards
- 1 year limited warranty
- 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

Motor Specifications

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

Standard Models

SIZE	CFM	WT.	AMPS	NON-OSCILLATING			OSCILLATING		
				UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24"	6800 / 5000	44 lbs.	3.0	867108	HPM 24H	436	867122	HPM 24H-O	606
30"	7900 / 6000	48 lbs.	3.4	867115	HPM 30H	459	867139	HPM 30H-O	631

Master Pump Cart & Satellite Fan Mount



HPM-P SATELLITE PEDESTAL BASE WITH 10" WHEELS (Shown with 24" Fan Head)



HPM-PCT MASTER CART MISTING PUMP SYSTEM



HPM-P SATELLITE PEDESTAL BASE



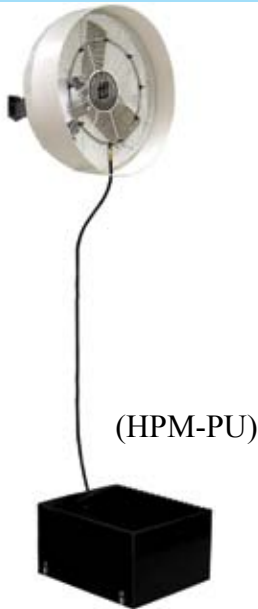
GFCI PLUG FOR SATELLITE MISTING HEADS

Standard Models

UPC# 686334	MODEL	DESCRIPTION	LIST
867146	HPM-PCT	Master Cart Misting Pump System with 10" Wheels, Cart Base Stand & Upright Column, and (1) 8-Nozzle Misting Ring	3613
868228	HPM-P	Satellite Pedestal Base with 10" Wheels, Pedestal Base & Upright Column, (1) 8-Nozzle Misting Ring, and 25' of High Pressure Water Hose to connect to Master Pump Cart	876
874878	HPM-GFCI	GFCI for Satellite Misting Heads	150

Permanent Mount High Pressure Misters

44



(HPM-PU)

Generates a fine water vapor or “fog” mist, that can reduce air temperatures up to 50°F

1000 psi pump system designed to run one master fan and up to two satellite fans

Modular system components can be combined to construct a portable misting system using 24” or 30” oscillating or non-oscillating fans

Fans can be operated with or without misting



(HPM-W)

High Pressure Pump System

- 120 Volt, 11-Amp, 1/2 HP motor and CAT (brand) triplex plunger pump that delivers 1/2 of a gallon of water per minute at 1000 psi. Pump has onboard, adjustable, regulating un-loader for pressure control and pump protection; oil level sight glass and bypass system
- Pressure gauge installed near the regulator for easy pressure adjustment for variable nozzle set-ups (more or less mist can be produced with up to 24 anti-drip nozzles, nozzles are .008”)
- 5 micron canister water filter
- Automatic low water pressure shut-off
- Female coupler for standard 5/8” water hose (water input supply)
- Three male quick disconnects for water supply to master unit and two additional satellite fans
- 3-position DPDT switch (fan only, off, fan & pump)
- GFCI integral to cordset protects total system from leakage current
- Pump box lid hinged for easy access with 2 stainless steel latches for lock-down

Master Pump Unit (HPM-PU)

- Black powder-coated pump container
- Pump unit can be mounted to a wall or pole (4” to 8” diameter) with optional wall/pole mounting kit (HPM-PUM) or on a user supplied table or shelf

Cut-Away Shots



PUMP INSIDE CUT-AWAY VIEW

UNIT
POWER
SWITCH

UNIT
POWER
CORD



PUMP BACK PANEL

MAIN WATER
HOSE INLET

SATELLITE
FAN WATER
HOSE QUICK
CONNECTS

Permanent Mount High Pressure Misters

Oscillating & Non-Oscillating Misting Fan Heads for Master & Satellite Units

45



Features

- 24" and 30" oscillating and non-oscillating
- Pull chain switch
- White powder coated steel guards with 9" plastic shroud
- Steel hub/spider & aluminum paddle blades
- Meets all OSHA standards
- 1 year limited warranty
- 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

Motor Specifications

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

Standard Models

SIZE	CFM	WT.	AMPS	NON-OSCILLATING			OSCILLATING		
				UPC# 686334	MODEL	LIST	UPC# 686334	MODEL	LIST
24"	6800 / 5000	44 lbs.	3.0	867108	HPM 24H	436	867122	HPM 24H-O	606
30"	7900 / 6000	48 lbs.	3.4	867115	HPM 30H	459	867139	HPM 30H-O	631

Master Pump & Mount Components

UPC# 686334	MODEL		DESCRIPTION	LIST
868204	HPM-PU		Master Pump Unit (For use with up to three fan heads)	3014
868211	HPM-PUM		Master Pump Wall Mounting Bracket (For use with Master Pump Misting Unit)	184
867177	HPM-W		Wall / Pole Mounting Bracket (Includes One 8-Nozzle Misting Ring and 25' of High Pressure Water Hose to connect to Master Pump Misting Unit)	601
867191	HPM-C		Ceiling / Bench Mounting Bracket (Includes One 8-Nozzle Misting Ring and 25' of High Pressure Water Hose to connect to Master Pump Misting Unit)	570
867184	HPM-I		I-Beam Mounting Bracket (Includes One 8-Nozzle Misting Ring and 25' of High Pressure Water Hose to connect to Master Pump Misting Unit)	606

Note: • Wall mount (HPM-W) and master pump wall mounting bracket (HPM-PUM) can bolt to a wall or mount to a 4", 6" or 8" pole with U-bolts (not supplied). I-beam & ceiling mount requires 1-1/2" or longer pipe nipples for assembly (not supplied).

Portable 18" Self Contained Power Mister

**SELF CONTAINED MISTING SYSTEM WITH WATER
PUMPED FROM A 10 GALLON COOLER.**



PM-18C



PM-18S



PM-18FO

Note: Cooler lid not included.

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

Power cutoff tip switch and GFCI plug for extra safety.

Standard Features

UPC#	MODEL	FAN SIZE	TYPE	MOTOR HP	CFM	AMPS	SHIPPING WT (LBS)	LIST
686334								
855471	PM-18S	18"	HAND CARRY	1/8	5750	2.2	30	1016
855495	PM-18C		CART				38	1292

18" Fan & Pump Lid for 10gal Igloo Cooler

UPC#	MODEL	SHIPPING WT. (LBS.)	LIST
686334			
855525	PM-18FO	28	871

16" Portable Workstation Evaporative Cooler

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



FRONT
Patented

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)	SHIPPING WEIGHT (LB)	LIST
				HIGH	MED	LOW					
874809	EVAP16-3	1/2	4.6	2500	3500	3900	900	42	23 x 37.5 x 59	145	2455

36" & 48" Portable Evaporative Coolers

47



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 EVAP48-2 evaporative coolers
- New 3 blade fan blade for quieter operation.
- 120V operation
- Manufactured in USA. 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)	SHIPPING WEIGHT (LB)	LIST
				HIGH	MED	LOW					
874816	EVAP36-1	1/2	12.4	9600			2500	32	32 x 62 x 67	235	4000
874823	EVAP36-3	1/2	11.5	9600	6600	4800	2500	32	32 x 62 x 67	245	4375
874847	EVAP48-2	1	13.7	22000	----	11000	4000	40	36 x 74 x 86	405	6200

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 USA

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)	SHIPPING WEIGHT (LB)	LIST
				HIGH	MED	LOW					
874830	EVAP36-HAZ	1/2	13.4	9600			2500	32	32 x 62 x 67	330	12924
874854	EVAP48-HAZ	1	18	20000			4000	40	36 x 74 x 86	460	15640

Portable Air Conditioning Units

48



PAC-13

PAC-21 & 29

PAC-37

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
POWER SUPPLY	VOLTS	120	208/240	208/240	208/240	208/240
	PHASE	1	1	1	1	1
	HZ	60	60	60	60	60
DIMENSION (WxDxH)	INCHES	17.5 x 19.9 x 43.3	22 x 24.4 x 50.4	22 x 24.4 x 50.4	26 x 33.3 x 52.4	28.9 x 51.5 x 59.8
WEIGHT	LB	132	198	209	254	661
CURRENT	AMP	11.5	11/10	15/14	20/19	30/29
BREAKER SIZE	AMP	15	15	20	30	50
POWER CONSUMPTION	KW	1.4	2.3	3.1	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	571/500	882/776	2000/1870
CONDENSER AIR FLOW	CFM	610	857	1142	1660	3600
AIR FILTER	----	Alum.	Alum/Vinyl	Alum/Vinyl	Alum/Vinyl	Alum/Vinyl
NEMA PLUG	TYPE	5-15P 12AWG	6-15P	6-20P	6-30P	6-50P
POWER CORD GAUGE	AWG	12	14	12	10	6
POWER CORD LENGTH	FT.	6	6	6	10	10
REFRIGERANT	----	R410A	R410A	R410A	R410A	R410A
OPERATING TEMP.	F	64-113	64-113	64-113	64-113	64-113
EXHAUST DUCT DIAM.	INCHES	12	16	16	16	16
MAXIMUM DUCT LGTH.	FT.	16	25	25	60	100
CONDENSATE TANK	GAL.	3.17	3.17	3.17	3.17	3.17
LIST PRICE	----	5,640	7,480	8,600	11,490	22,600

*Image for PAC-60 not shown.

Portable Water Cooled Split Air Conditioning

Features

- Compressor time delay
- Self-diagnostic
- Condensate pump
- Compressor overload protection
- Defrost cycle
- Washable filter
- Thermostat
- Off-timer

Standard Models and Specifications



PACWS-22

SPECIFICATIONS	Model	PACWS-22
COOLING CAPACITY	BTU	22,000 BTU
POWER SUPPLY	Volts	240
	Phase	1
REFRIGERANT	----	R-410A
AMP RATING	AMP	12.4 AMP
POWER CONSUMPTION	KW	2.6 KW
TEMPERATURE RANGE	F	64-113 F
MAXIMUM HOSE LENGTH	Feet	100 FT.

INDOOR UNIT DIMENSION	Inches	28 x 14 x 31
OUTDOOR UNIT DIMENSION	Inches	26 x 11 x 20
INDOOR UNIT WEIGHT	LBS	198
OUTDOOR UNIT WEIGHT	LBS	44
FAN SPEEDS	----	2
AIRFLOW HIGH/LOW	CFM	671/530
DB RATING HIGH/LOW(3')	----	58/54
LIST		14,300

Portable Utility Lights

5 Types of Light Sources

49



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).



Florescent

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



Metal Halide

Long lamp life - high light output - low energy usage per lumens produced -uses 100 Watt metal halide HID lamp (included).



LED

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



Light Selection Chart & Illumination Levels

LIGHT SOURCE:		INCANDESCENT		QUARTZ HALOGEN		Florescent		METAL HALIDE		LED	
# OF LIGHT HEADS		1	2	1	2	1	2	1	2	1	2
MAX. WATTAGE		300	600	500	1,000	55	110	100	200	12	24
MAX. LUMENS		3,700	7,400	11,000	22,000	3,000	6,000	9000	18000	960	1,920
AVG. BULB LIFE (HRS.)		2,000		2,000		10,000		15000		50,000	
WIRE GUARD INCLUDED		Yes		Yes		Yes		Yes		Yes	
BULB INCLUDED		No		Yes		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	562	890	224.5	456.8
	10' ft.	20.8	38.9	36.1	65.9	8.7	14.8	148.1	244.1	121.4	258.8
	20' ft.	7.8	14.3	13.2	24.6	3.1	5.1	66.5	113.3	29.0	64.0
	30' ft.	4.0	6.9	6.6	12.3	1.7	2.5	47.1	68.7	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 ga. 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

Florescent 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

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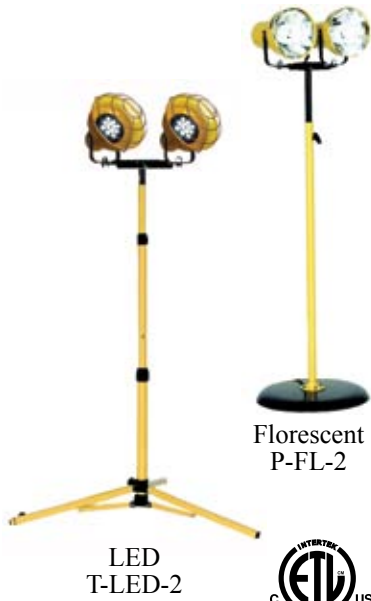
Incandescent, Florescent, and LED Series

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 Florescent 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.



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	Florescent	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	Florescent 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

Portable Utility Lights

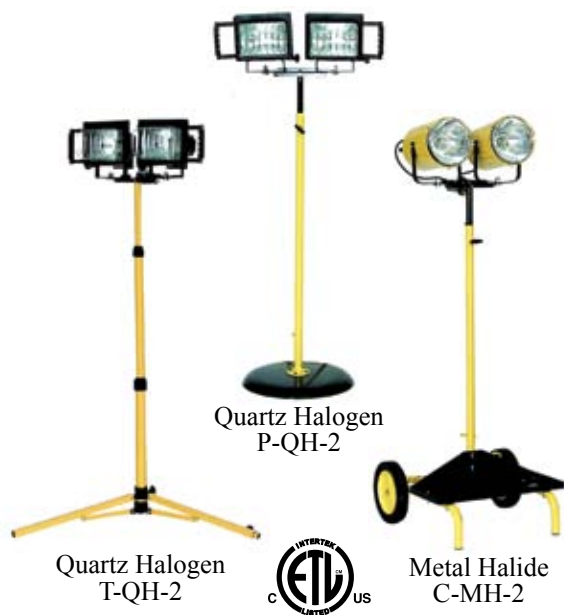
Quartz Halogen and Metal Halide Series

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.
- MH models include a 100W Metal Halide bulb and are designed with an aluminum shade measuring 11-3/4 long with a 7-3/4" opening. Constructed with interior electronic ballast and polished aluminum reflector for the highest lumen output of all the portable light series. ETL C/US listed for indoor use.



Quartz Halogen
M-QH-1

Quartz Halogen
CP-QH-1

Metal Halide
F-MH-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
480000	P-MH-1	METAL HALIDE	PEDESTAL	100	1	38	710
480017	P-MH-2			200	2	45	1182
479943	C-MH-1		CART	100	1	34	785
479950	C-MH-2			200	2	41	1255
480086	T-MH-1		TRIPOD	100	1	16	600
480093	T-MH-2			200	2	23	1072
480130	F-MH-1		FLOOR	100	1	11	607
480178	CP-MH-1		CLAMP	100	1	10	576
480215	M-MH-1		MAGNET	100	1	9	588

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		Florescent	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
480314	MH-1		METAL HALIDE	100	1	7	540
480352	MH-2			200	2	14	1025
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

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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



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)	SHIPPING 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	SHIPPING WT. (LBS)	LIST
445078	CL-300	CLIP-ON	300W Incandescent	300	120	11000	2000	3	52

All models are shipped in ONE carton. Bulb not included.

Machine Tool Lights

Water Resistant Florescent Tube Lights

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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 Florescent 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 #	MODEL SERIES	WATTS	VOLTS	LUMENS	OVERALL LENGTH	TUBE MATERIAL	BALLAST INCLUDED	SHIPPING WT. (LBS)	LIST
282345	15-TLP-IB-C	REMOTE BALLAST WITH CORDSET	18	120V	1250	15"	Polycarbonate	Yes	9	459
282130	21-TLB-IB-C		36		2900	21"	Glass	Yes	10	526
282321	21-TLP-IB-C		36		2900	21"	Polycarbonate	Yes	10	491
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
282499	52-TLP-A		100		8400	52"	Polycarbonate	Yes	12	607
482936	23-TLP-24VDC	INTERNAL BALLAST	18	24VDC*	1250	23"	Polycarbonate	Yes	6	386

* Includes 2 ft. lead wires

Accessories - Magnetic Base and Replacement Lamps



MAGNETIC BASE

UPC# 686334	MODEL	DESCRIPTION	USED WITH	WT. (LBS.)	LIST
445757	TL-MB	Magnetic Bases & Fasteners (Pair)	ALL Tube Lights	1	56
310338	TL-RB-18	Florescent Replacement Bulb, 18W, PL-L	All 18 Watt Models	1	58
310086	TL-RB-36	Florescent Replacement Bulb, 36W, PL-L	All 36 Watt Models	1	62
310826	TL-RB-50	Florescent Replacement Bulb, 50W, PL-L	All 50 & 100 Watt Models	1	68

Heavy Duty Machine Tool Lights

Incandescent

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
- FTT Model includes (2) 13-Watt Florescent twin tubes, internal white reflector, and protective acrylic lens
- Bulb not included with BH, BP, or VCX Models

Standard Models

UPC#	MODEL	BULB TYPE	BULB DESCRIPTION	WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	OVER-ALL REACH	WT. (LBS.)	LIST
686334									
381871	5-BH-701A	Incandescent	60W medium base A-19	60	870	1,000	25"	5	154
381895	55-BH-701A						35"		165
381925	66-BH-701A						44"		169
381956	55-BP-701A		75W medium base A-19	75	1220	750	35"	6	179
442887	66-BP-701A						44"		184
381215	55-VCX-701B		100W medium base A-19, R-30 or PAR 38	100	1470	750	29"	6	189
381314	66-VCX-701B						38"		197
283632	66-FTT26-701B	Florescent	(2) 13W Twin Tubes	26	1800	10,000	38"	9	349



BH TYPE

BP TYPE



FTT TYPE

VCX TYPE

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							
445764	15-MC-901	25 Watt	Vertical Bolt-on Base	180	15"	2	74
442305	12-R-M-3	60 Watt	Magnetic Base	865	12"	3	129



15-MC-901

12-R-M-3



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



Light Head Features



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



Steel mounting bracket

Electrical outlet embedded in the arm for direct plug connection from the shade

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

Lamp contains NO Glass Material, each lens protected by an acrylic cap over each 1-watt emitter

- 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 Florescent
- (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	Florescent
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	---

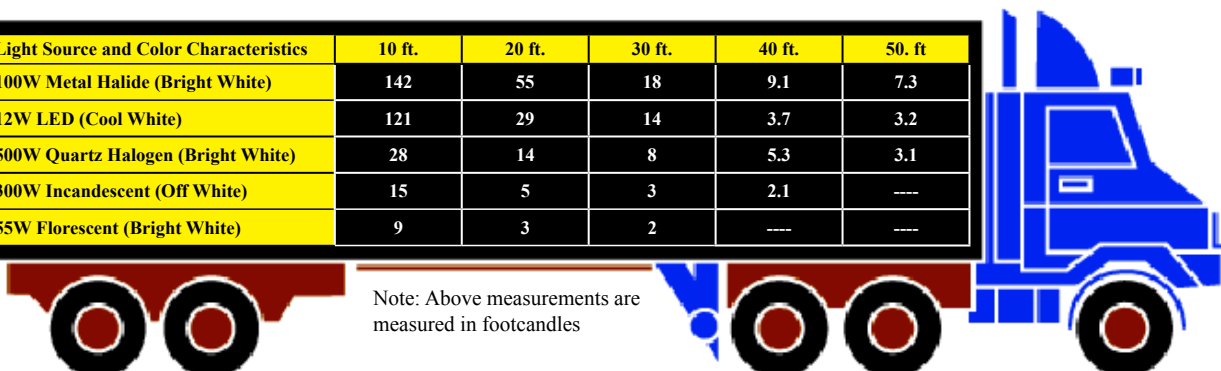
Dock Light Performance Testing

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 Florescent (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)

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Standard Models

Incandescent



Quartz



Metal Halide

UPC# 686334	MODEL	ARM LENGTH	# OF ARMS	MAX WATTS	WT. (LBS.)	LIST
INCANDESCENT						
446648	DKL-24-A	24"	1	300	10	172
385404	DKL-25-FLX	25"	1		19	179
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
METAL HALIDE						
446730	DKL-24-MH-A	24"	1	100	13	583
446747	DKL-40VA-MH-A	40"	2		17	613
446754	DKL-60VA-MH-A	60"	2		21	650
Florescent						
470797	DKL-24-FL-A	24"	1	55	11	221
470803	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#	MODEL	ARM LENGTH	WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS.)	LIST
686334								
385404	DKL-25-FLX	25"	300	120	3,700	2000	7	179

*Bulb not included.

Light Head Accessories

Standard Models



LG-1

UPC#	MODEL	DESCRIPTION	WATTS	USED WITH	WT. (LBS.)	LIST
686334						
331326	LG-1	Lamp Guard	-	INC, LED, or FL Fixtures	2	35
485050	SSE-55	Florescent 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

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

Modular Loading Dock Lights

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Modular Lights



24" / 40" / 60" arms that can be used with one of 5 light heads & optional fan.

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#	MODEL	LIGHT HEAD TYPE	MAX WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	SHIP WT. (LBS)	LIST
686334							
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
446600	DKL-MH	Metal Halide	100	9,000	15,000	10 lbs.	534
484336	DKL-FL	Florescent	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#	MODEL NUMBER	ARM LENGTH	TOTAL # OF ARMS	SHIPPING WT. (LBS)	LIST
686334					
446532	DKL-24-ARM	24"	1	11 lbs.	92
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, & Light Head



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

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.

Heavy Duty Models (Dock Arm & Light)

STYLES	ARM LENGTH	LIGHT TYPE	TOTAL # OF ARMS	SHIPPING WT. (LBS)	LIST
HDL-24-INC	24"	Incandescent	1	16	166
HDL-40-INC	40"		3	24	233
HDL-60-INC	60"		3	30	258
HDL-24-QH	24"	Quartz Halogen	1	17	202
HDL-40-QH	40"		3	25	270
HDL-60-QH	60"		3	31	294

Fan Head Only

UPC#	MODEL NUMBER	CFM			AMPS HIGH	SHIP WT.	LIST
		HIGH	MED	LOW			
797184	LDF-18-TE	5750	4700	3200	2.2	20 lbs.	182

Heavy Duty Modular Loading Dock Lights

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24" / 40" / 60" arms
that come with
incandescent or quartz
halogen light heads
and can be used with
an optional fan.



Mounting Arms Features

- 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
- 1-1/2" square, 14 Gauge, steel tubing

Light Head Features

- 18" 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

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 metal guard. Aluminum blades

Standard Models

STYLES	ARM LENGTH	LIGHT TYPE	SHIP WT. (LBS)	LIST
HDL-24-INC	24"	Incandescent	16 lbs.	166
HDL-40-INC	40"		24 lbs.	233
HDL-60-INC	60"		30 lbs.	258
HDL-24-QH	24"	Quartz Halogen	17 lbs.	202
HDL-40-QH	40"		25 lbs.	270
HDL-60-QH	60"		60 lbs.	294

Modular Loading Dock Lights

DESCRIPTION		LIGHT SOURCE TYPE				
		Incandescent	Quartz Halogen	Metal Halide	Florescent	LED
MAX. WATTAGE		300	500	100	55	12
MAX. LUMENS		3,700	11,000	9000	3000	960
AVG. BULB LIFE (HRS.)		2,000	2,000	15,000	10,000	50,000
BULB INCLUDED		No	Yes	Yes	Yes	Yes
LIGHT SOURCE ILLUMINATION LEVELS						
Measured Footcandles & Distance from Light Source (inside trailer)	10' ft.	15	28	142	9	121
	20' ft.	5	14	55	3	29
	30' ft.	3	8	18	2	14
	40' ft.	2	5	9	---	4
	50' ft.	---	3	7	---	3