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VENTILATION, FANS, & INDUSTRIAL LIGHTING

INDUSTRIAL - COMMERCIAL - RESIDENTIAL

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Products manufactured by TPI Corporation are warranted to the original consumer to be free from defects in material and workmanship for twelve (12) months from the original date of purchase. The TPI warranty does not cover products modified outside our factory, damage or failure caused by acts of God, abuse, misuse, connected to or placed on other than rated voltage, abnormal usage, faulty installation, failure to follow suggested maintenance procedures enclosed with the product, improper maintenance or any repairs other than those provided by an authorized TPI Corporation service center.

There are no obligations or liabilities on the part of the corporation for consequential damages arising out of, or in connection with, the use or performance of the product, or other indirect damages with respect to loss of property, revenues, or profit, or costs of removal, installation or reinstallation.

All implied warranties with respect to TPI products, including implied warranties for merchantability and implied warranties for fitness, are limited in duration to twelve (12) months from original date of purchase, except those products or parts of products which are warranted for longer periods. On such products or parts of products all implied warranties for merchantability and fitness are limited to the duration of the extended warranty period thereon.

Some states do not allow the exclusion or limitation of incidental or consequential damages and some states do not allow limitations on how long an implied warranty lasts. The above exclusions or limitations may not apply to you.

During the warranty period, TPI Corporation will, at its sole option, repair or replace any defective parts or products returned, freight prepaid, to the TPI Corporation factory or such other location as TPI Corporation may designate. Returned products must be packaged carefully and TPI Corporation shall not be responsible for damage in transit. When returning parts, the owner must provide the model number of the product and nature of difficulty being experienced. This warranty does not obligate TPI Corporation to bear the cost of labor in replacing any assembly, unit or component part thereof, nor does the company assume any liability for secondary charges, expenses for installing or removal, freight or damages. There will be charges rendered for product repairs made after out warranty period has expired. Proof of purchase, including date, must accompany request for in-warranty service. In any event, TPI Corporation's maximum liability shall not in any case exceed the list price for the product claimed to be defective. This warranty gives to you specific legal rights and you may have other rights, which may vary, from state to state. For the name of your nearest authorized TPI Corporation service center, please write to TPI Corporation, P.O. Box 4973, Johnson City, Tennessee, 37602.

TPI UPC NUMBER IS REQUIRED FOR ALL ORDERS PLACED
686334 X X X X X

UPC #	MODEL	KW	BTU
686334			
739344	PHL A12-208160-3 0-24-TDP		
739337	PHL A12-208360-3 0-24-TDP		
739320	PHL A12-240160-3 0-24-TDP		
739313	PHL A12-240360-3 0-24-TDP		
739306	PHL A12-480360-3 0-24-TDP	3	10,250
739436	PHL A12-600360-3 0-24-TDP		

IMPORTANT ORDERING POLICY
 When ordering any cataloged item the UPC number must be included with the order. This number must be the TPI Corporation UPC number and not the customer's item number. This policy applies to all orders including EDI orders.

RETURN POLICY: Requests for returns of non-defective standard stock units may incur testing and repackaging charges if units are not in like new condition. Requests for returns of build to order items are subject to cancellation charges prior to shipment and up to a 100% restocking charge after shipment. This also applies to any standard model with factory installed control options or other custom features. Changes made to custom products during production may incur labor charges. Please consult factory for details on any return or change order

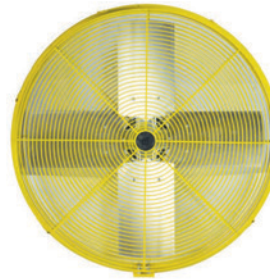
TPI COMMERCIAL CIRCULATORS STATEMENT: TPI Commercial circulators have been developed to equal the imported circulators that are sold by big-box retail stores and some catalogers. Because these circulators do not have totally enclosed motors, they should be used in clean, dry commercial applications - such as schools, shops, offices, and warehouses.

TPI Industrial Assembled Maximum Duty Circulators

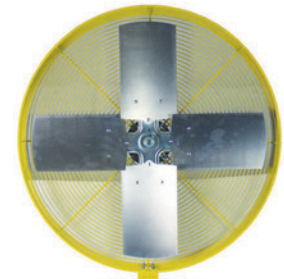
Features

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

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



Closed (Front)



Open (Front)

Motor Specifications

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



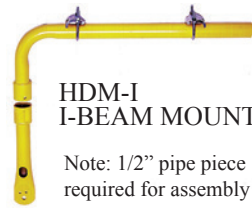
Pedestal Specifications

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

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



HDM-C CEILING MOUNT
Note: 1/2" pipe piece required for assembly



HDM-I I-BEAM MOUNT
Note: 1/2" pipe piece required for assembly



HDM-W WALL MOUNT



OPTIONAL WHEEL KIT

Standard Models

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

Accessories

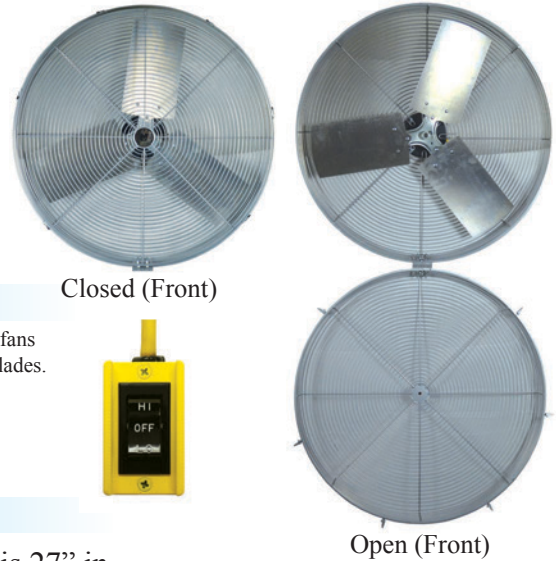
UPC#	MODEL	COLOR	DESCRIPTION	SHIPPING WT. (LBS)
686334				
796095	HDM-P	Yellow	Heavy Duty Pedestal Mount	34 lbs.
796101	HDM-W	Yellow	Heavy Duty Wall Mount	3 lbs.
796118	HDM-I	Yellow	Heavy Duty I-Beam Mount	9 lbs.
796125	HDM-C	Yellow	Heavy Duty Ceiling Mount	3 lbs.
796187	ACM-P	Gray	Pedestal Mount	34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

TPI Industrial Unassembled Maximum Duty Circulators

Features

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

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



Closed (Front)

Open (Front)

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

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



Motor Specifications

Product Specifications

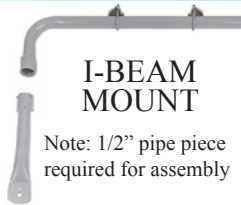
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

TPI Industrial Mounts



CEILING MOUNT

Note: 1/2" pipe piece required for assembly



I-BEAM MOUNT

Note: 1/2" pipe piece required for assembly



WALL MOUNT



SUSPENSION MOUNT

OPTIONAL WHEEL KIT



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

Standard Models

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

Accessories

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

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 48 to 67 inches.
- Pedestal steel dome base is 27" in. diameter and has 5 carriage bolts.



HDH-30 FAN HEAD WITH HDM-P PEDESTAL MOUNT

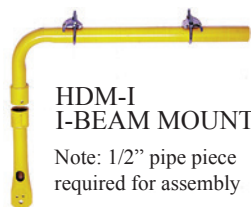


Factory Assembled and Tested Fan Heads, Mounts, and Wheel Kits



HDM-C CEILING MOUNT

Note: 1/2" pipe piece required for assembly



HDM-I I-BEAM MOUNT

Note: 1/2" pipe piece required for assembly



HDM-W WALL MOUNT



OPTIONAL WHEEL KIT

Standard Models

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

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



HDH 30-G



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

H.P.	BLADE SIZE	MODEL	UPC# 686334	FAN HEAD TYPE	CFM	RPM	AMPS	WT. (LBS)
Industrial 1/4	24"	ACH 24	796769	STATIONARY	6800/5000	1100/800	2.5	40
	30"	ACH 30	796170		7900/6000	1100/800	2.7	44
1 Year Warranty								
High Performance 1/3	24"	IHP 24-H	798983	STATIONARY	7000/5200	1100/800	2.8	40
	30"	IHP 30-H	798990		8200/6200	1100/800	3	44
3 Year Warranty								
Heavy Duty 1/2	24"	HDH 24-G	853927	STATIONARY	8600/7100	1100/800	3.5	44
	30"	HDH 30-G	852869		9850/8100	1100/800	4	48
5 Year Warranty								
Industrial Oscillating 1/4	24"	ACH 24-O	796961	OSCILLATING	6800/5000	1100/800	2.5	44
	30"	ACH 30-O	796378		7900/6000	1100/800	2.7	48
1 Year Warranty								

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

Industrial Mounts

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

Features

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

Motor Specifications

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

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



WALL MOUNT



PEDESTAL

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



Product Specifications

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

Standard Models

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

TPI Industrial 20" Circulators



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.)
686334						
868143	ACU 20-P	Unassembled all components and mount in one box	Pedestal Mount	5600 / 4100 1100 / 900	2.4	72
868150	ACU 20-W		Wall Mount			42
868471	ACH 20	Assembled Fan Head	None - use with any TPI "ACM" or "CACM" Mount			

TPI Industrial Circulator Components

Motors

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

Guards & Blades

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

Mounts

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

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



Standard Models

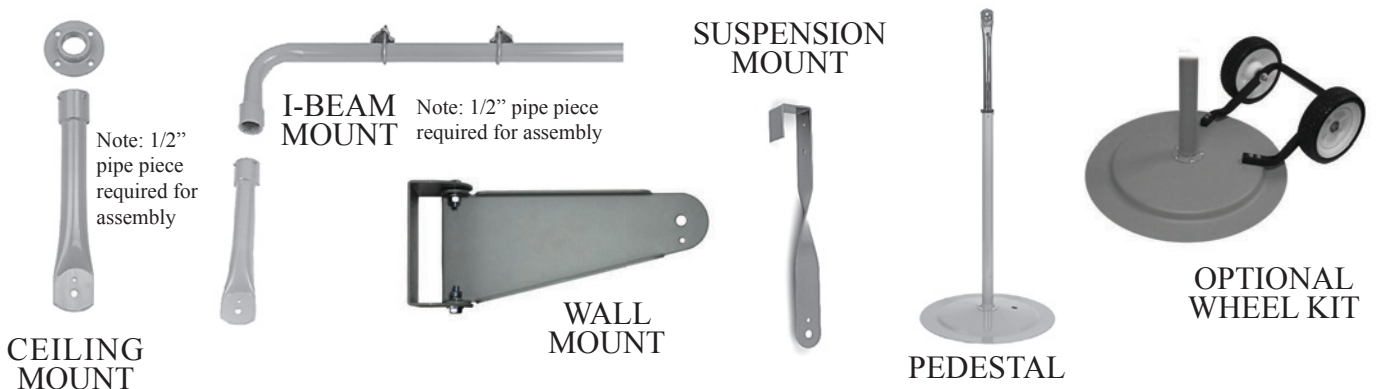
GENERAL DESCRIPTION	MODEL	UPC# 686334	SIZE	MOTOR			CFM		AMPS (HIGH)					WT. (LBS)
				HP	RPM	VOLTS	HIGH	LOW	120v 1 ph	240v 1 ph	277v 1 ph	240v 3 ph	480v 3 ph	
Hazardous Location Class I Group D Class II Group F & G Unassembled Head	ACH 24-EX1	855198	24"	1/4	1725	120 or 240 1-phase	8000		5	2.6	----	----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

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

Product Specifications

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

Standard Models



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



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 or 3-Speed
- Permanently lubricated
- Permanent split capacitor

Standard Models

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

Note: Stocked models may differ in appearance from photograph

TPI Commercial Oscillating Fans

Commercial wall mount and pedestal fans now available from TPI.



Standard Models

UPC# 686334	MODEL	SIZE	HP	MOUNT TYPE	CFM			AMPS			WT. (LBS.)
					HIGH	MED	LOW	HIGH	MED	LOW	
874892	CACU 24-PO	24"	1/4	Pedestal Mount	7500	6060	4050	1.45	1.15	1.1	68
874915	CACU 24-WO			Wall Mount							48
874908	CACU 30-PO	30"	1/3	Pedestal Mount	8700	7500	6780	2.0	1.8	1.6	70
874922	CACU 30-WO			Wall Mount							51

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

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



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.)
			HIGH	LOW		
873475	CPB 36-B	1/3	11,000	8,500	4.8	82
870665	CPB 42-B	1/2	13,500	11,000	6.5	93
872270	CPB 48-B	3/4	15,000	12,000	9.0	129

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

36" TPI Commercial Direct Drive Portable Blowers



SWIVEL

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.)
		HIGH	LOW					
875356	CPB 30-D	6,300	5,500	3.6	6'	ROCKER	ALUMINUM	52
871037	CPBS 30-D	6,300	5,500	3.6	6'	ROCKER	ALUMINUM	60
872263	CPB 36-D	8,200	7,000	3.6	10'	ROTARY	STEEL	70

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

36" & 42" TPI Industrial Direct Drive Portable Blowers

Features



STANDARD MODEL



SWIVEL MODEL



- 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#	MODEL	FAN		MOTOR HP	CFM / RPM		AMPS (HIGH)	SHIPPING WT.(LBS.)
		SIZE	TYPE		HIGH	LOW		
873048	PB 36-D	36"	STANDARD	1/3	12500 / 1040	9000 / 730	5.5	82
873055	PBS 36-D	36"	SWIVEL					110
873079	PB 42-D	42"	STANDARD	1/2	15,600 / 1040	6.0		102
873086	PBS 42-D	42"	SWIVEL					128

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

48" TPI Industrial Direct Drive Portable Blowers

Features



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

Motor Specifications

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

Features

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

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

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



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.)	UPC# 686334	MODEL	WT. (LBS.)
	36"	120 V 1 PH ODP	1/2	14,500	500	8.0	796477	PB 36-B	120	796507	PBS 36-B	145
	42"		3/4	18,200	430	11.0	796484	PB 42-B	135	796514	PBS 42-B	160
	48"		1	22,700	390	15.0	796491	PB 48-B	155	796521	PBS 48-B	180
	36"	240/480 V 3 PH ODP	1/2	14,500	500	2.3 / 1.1	850865	PB 36-B-3	127	850926	PBS 36-B-3	152
	42"		3/4	18,200	430	3.3 / 1.5	850872	PB 42-B-3	143	850933	PBS 42-B-3	168
	48"		1	22,700	390	3.4 / 1.7	850889	PB 48-B-3	164	850940	PBS 48-B-3	189
	36"	120/240 V 1 PH EXP	1/2	14,500	500	7.8 / 3.9	850896	PB 36-B-HL	135	850957	PBS 36-B-HL	160
	42"		3/4	18,200	430	10.8 / 5.4	850902	PB 42-B-HL	150	850964	PBS 42-B-HL	175
	48"		1	22,700	390	13.2 / 6.6	850919	PB 48-B-HL	173	850971	PBS 48-B-HL	198

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.
 Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

TPI Industrial Direct Drive Suspension Blowers



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.)
				HIGH	LOW			
30"	1/4	874885	SB 30-D	7800	6000	1050	2.5	58
36"	1/3	873062	SB 36-D	12500	9000	1050	5.6	70
42"	1/2	873093	SB 42-D	16200		825	7.9	99

TPI Industrial Belt Drive Suspension Blowers



HL MODELS
HAVE UL
LISTED
MOTOR



Features

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

Motor Specifications

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

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

Standard Models

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

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charges.
Note: Photograph is a representation of stocked models. Actual model may vary slightly in appearance.

TPI Industrial Mini-Blowers



FLOOR MODEL



MBM-W
(optional wall/ceiling mount)

YOKE MOUNTED MODEL



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.

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#	MODEL	FAN		CFM / RPM		DIMENSIONS			AMPS (High)	SHIPPING WT.(LBS.)
		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
874366	MB 24-DY	YOKE STYLE				29"	28 1/2"	14 1/4"		
874373	MB 30-DF	FLOOR STYLE	30"	7800 / 1040	6000 / 730	38 1/2"	37 1/2"	14 1/2"	2.5	58
874380	MB 30-DY	YOKE STYLE				38"	37 1/2"	14 1/2"		
798907	MBM-W	OPTIONAL WALL/CEILING MOUNT FOR YOKE STYLE MINI-BLOWER								4

TPI Industrial Heavy Duty Square Belt Drive Portable Blowers



4" CASTERS

Features

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

Motor Specifications

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

Standard Models

SIZE	UPC#	MODEL	MOTOR				DIMENSIONS			WT. (LBS.)
			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
42"	868372	PCBT 42-B	3/4	16,300	430	11.0	56 1/2"	34 1/4"	22 1/2"	140
48"	868389	PCBT 48-B	1	22,700	390	15.0	62 1/2"	40 1/4"	18 1/2"	185

TPI Industrial Heavy Duty Direct Drive Blowers

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



LOW STAND

MEDIUM STAND

HIGH STAND

Standard Models

SIZE	MODEL	HP	RPM	CFM	DB's @ 10'	SHIPPING WT.		
						STAND		
						LOW	MED	HIGH
MODEL NUMBER SUFFIX'S								
18"	MCD18-1/4	1/4	1725	3050	74	103	145	210
	MCD18-1/3	1/3	1725	3450	76	105	150	215
	MCD18-1	1	1725	4600	77	117	165	230
24"	MCD24-1/4	1/4	1725	5200	80	115	165	230
	MCD24-1/3	1/3	1140	5300	74	126	175	250
	MCD24-1/2	1/2	1725	6000	80	120	170	240
	MCD24-3/4	3/4	1140	6900	74	140	190	260
	MCD24-1	1	1725	7400	82	130	180	250
	MCD24-1 1/2	1.5	1725	8200	84	137	190	255
	MCD24-3	3	1725	10500	87	160	210	270
30"	MCD30-1/3	1/3	1140	6900	80	150	205	260
	MCD30-1/2	1/2	1725	8900	86	141	195	250
	MCD30-3/4	3/4	1140	10400	80	210	260	320
	MCD30-1	1	1140	11200	81	200	260	310
	MCD30-1 1/2	1.5	1725	12000	92	200	250	310
	MCD30-2	2	1140	14000	84	225	270	330
36"	MCD30-3	3	1725	16000	94	220	265	325
	MCD36-1	1	1140	13000	82	250	320	375
	MCD36-1 1/2	1.5	1725	14850	88	250	320	375
	MCD36-2	2	1140	17500	82	255	325	380
	MCD36-3	3	1725	18500	90	260	330	390
42"	MCD36-5	5	1725	23000	94	260	330	390
	MCD42-2	2	1140	19500	85	315	415	565
	MCD42-5	5	1725	27000	98	320	420	570
48"	MCD48-5	5	1140	32000	92	500	620	710
	MCD48-7 1/2	7.5	1140	37000	105	625	745	835
	MCD48-10	10	1140	41000	105	682	800	890
60"	MCD60-3	3	690	35000	87	690	855	965
	MCD60-5	5	690	45000	87	730	895	1005
	MCD60-7 1/2	7.5	870	47000	90	945	1110	1220
	MCD60-10	10	870	57200	91	1035	1200	1310
	MCD60-15	15	870	60750	92	1080	1245	1355

Manual Starter Switches

MODEL		H.P. RATING
1 PH	3 PH	
SW-1/4	SW-1/4-3	1/4-1/3
SW-1/2	SW-1/2-3	1/2-3/4
SW-1	SW-1-3	1
SW-1 1/2	SW-1 1/2-3	1.5
----	SW-2-3	2
----	SW-3-3	3
----	SW-5-3	5
----	SW-7 1/2-3	7.5

Polyolfin Casters

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

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

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

TPI Industrial Heavy Duty Permanent Mount Direct Drive Blowers

Features



1-WAY SWIVEL



2-WAY SWIVEL

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

NOTE:

Single Phase motors are field convertible 115V / 230V

Three Phase motors are field convertible 230V / 460V

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

Standard Models

BLADE SIZE	MODEL	HP	RPM	CFM	DB'S @ 10'	SHIPPING WT.	
						1-WAY SWIVEL	2-WAY SWIVEL
MODEL NUMBER SUFFIX'S							
18"	MCD18-1/4	1/4	1725	3050	74	130	140
	MCD18-1/3	1/3	1725	3450	76	135	145
	MCD18-1	1	1725	4600	77	145	155
24"	MCD24-1/4	1/4	1725	5200	80	145	155
	MCD24-1/3	1/3	1140	5300	74	155	165
	MCD24-1/2	1/2	1725	6000	80	150	160
	MCD24-3/4	3/4	1140	6900	74	170	180
	MCD24-1	1	1725	7400	82	160	170
	MCD24-1 1/2	1.5	1725	8200	84	165	175
	MCD24-3	3	1725	10500	87	190	200
30"	MCD30-1/3	1/3	1140	6900	80	180	190
	MCD30-1/2	1/2	1725	8900	86	170	180
	MCD30-3/4	3/4	1140	10400	80	240	250
	MCD30-1	1	1140	11200	81	230	240
	MCD30-1 1/2	1.5	1725	12000	92	230	240
	MCD30-2	2	1140	14000	84	255	265
36"	MCD30-3	3	1725	16000	94	250	260
	MCD36-1	1	1140	13000	82	295	305
	MCD36-1 1/2	1.5	1725	14850	88	295	305
	MCD36-2	2	1140	17500	82	300	310
	MCD36-3	3	1725	18500	90	315	325
	MCD36-5	5	1725	23000	94	305	315

Exhaust Ventilation Guide

Minute air change chart for Commercial and Industrial Applications.

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

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

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

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

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

Tubeaxial Belt Drive Duct Fans



Features

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

Options

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

Standard Models

BLADE SIZE	1-PHASE 115/230V-60Hz	3-PHASE 230/460v-60Hz	HP	RPM	BLADES	C.F.M - STATIC PRESSURE				Db's @10'	WT (LBS)
	MODEL					0"	1/4"	1/2"	3/4"		
12"	TXB12-1/4	TXB12-1/4-3	1/4	2625	4	1444	1033	380	----	77	62
	TXB12-1/3	TXB12-1/3-3	1/3	2875	4	1586	1135	415	----	78	65
	TXB12-1/2	TXB12-1/2-3	1/2	3450	4	1875	1400	1250	1100	83	65
	TXB12-3/4	TXB12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	67
15"	TXB15-1/4	TXB15-1/4-3	1/4	2000	6	2600	1700	----	----	77	67
	TXB15-1/3	TXB15-1/3-3	1/3	2200	6	2950	2100	1000	----	78	69
	TXB15-1/2	TXB15-1/2-3	1/2	1890	6	3350	2650	1500	----	76	75
	TXB15-3/4	TXB15-3/4-3	3/4	2200	6	3900	3400	2700	1150	78	85
18"	TXB18-1/4	TXB18-1/4-3	1/4	1600	6	3050	2000	----	----	76	80
	TXB18-1/3	TXB18-1/3-3	1/3	1725	6	3375	2600	1400	----	77	85
	TXB18-1/2	TXB18-1/2-3	1/2	1890	6	3850	3100	2000	----	78	95
	TXB18-1	TXB18-1-3	1	1725	6	4600	4080	3000	2100	77	105
24"	TXB18-1 1/2	TXB18-1 1/2-3	1.5	1990	6	5350	4830	3950	3000	80	105
	TXB24-1/2	TXB24-1/2-3	1/2	1298	6	5643	4826	3500	----	78	120
	TXB24-3/4	TXB24-3/4-3	3/4	1600	6	6906	5900	4650	2750	80	130
	TXB24-1	TXB24-1-3	1	1725	6	7425	6350	5000	3300	84	140
	TXB24-1 1/2	TXB24-1 1/2-3	1.5	1540	6	8200	7650	6850	5500	81	145
	TXB24-2	TXB24-2-3	2	1600	6	9760	8830	8090	7000	82	170
27"	-----	TXB24-3-3	3	1725	6	10500	9500	8700	7800	86	190
	TXB27-3/4	TXB27-3/4-3	3/4	1250	6	8330	7550	6500	4650	78	150
	TXB27-1	TXB27-1-3	1	1400	6	9400	8480	7300	5200	82	155
	TXB27-1 1/2	TXB27-1 1/2-3	1.5	1600	6	10700	9700	8375	6000	84	170
30"	TXB27-2	TXB27-2-3	2	1350	6	11500	10700	9300	8000	81	210
	TXB30-1/2	TXB30-1/2-3	1/2	1140	4	8900	6660	2300	----	79	140
	TXB30-1	TXB30-1-3	1	1298	6	9867	7980	4120	----	82	150
	TXB30-1 1/2	TXB30-1 1/2-3	1.5	1035	6	11100	9700	7500	3500	78	165
	TXB30-2	TXB30-2-3	2	1176	6	12100	11000	9322	6700	81	215
	-----	TXB30-3-3	3	1350	6	13480	12498	11465	10380	84	215
34"	-----	TXB30-5-3	5	1650	6	16440	15242	13982	12659	88	230
	TXB34-1 1/2	TXB34-1 1/2-3	1.5	1170	6	13695	11100	6000	1015	82	190
	TXB34-2	TXB34-2-3	2	1027	6	14657	12590	10000	8000	81	240
	-----	TXB34-3-3	3	1175	6	17580	15896	14095	12000	85	260
42"	-----	TXB34-5-3	5	1416	6	20500	19000	17500	16000	88	305
	TXB42-1 1/2	TXB42-1 1/2-3	1.5	750	4	18960	14662	7200	----	78	250
	TXB42-2	TXB42-2-3	2	820	4	20700	17002	11400	4000	80	260
	-----	TXB42-3-3	3	890	4	23700	20200	16970	9950	82	260
48"	-----	TXB42-5-3	5	850	6	26900	24403	22250	18400	82	270
	-----	TXB48-5-3	5	800	6	33000	29000	25600	20000	85	375
	-----	TXB48-7 1/2-3	7.5	900	6	37000	34500	31000	27000	87	520

Dimensions

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

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

Tubeaxial Direct Drive Duct Fans



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"

Features

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

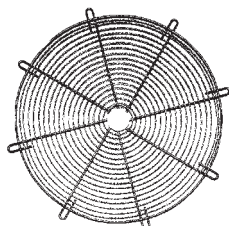
Options

- 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.
	MODEL					0"	1/4"	1/2"	3/4"		
12"	TXD12-1/4	TXD12-1/4-3	1/4	1725	4	1180	520	----	----	77	40
	TXD12-1/2	TXD12-1/2-3	1/2	3450	4	1875	1400	1250	1100	82	45
	TXD12-3/4	TXD12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	45
18"	TXD18-1/4	TXD18-1/4-3	1/4	1725	4	3450	2500	----	----	74	55
	TXD18-1/3	TXD18-1/3-3	1/3	1725	6	3375	2600	1400	----	75	65
	TXD18-1/2	TXD18-1/2-3	1/2	1725	6	4150	3150	1700	----	77	65
	TXD18-1	TXD18-1-3	1	1725	6	4600	4080	3000	2100	80	70
24"	TXD24-1/4	TXD24-1/4-3	1/4	1725	2	5200	2820	----	----	80	95
	TXD24-1/3	TXD24-1/3-3	1/3	1140	6	4975	4250	2850	----	74	110
	TXD24-1/2	TXD24-1/2-3	1/2	1725	4	6510	5200	3100	1800	80	115
	TXD24-3/4	TXD24-3/4-3	3/4	1140	6	6900	6265	3300	----	74	125
	TXD24-1	TXD24-1-3	1	1725	6	7425	6350	5000	3300	82	120
	TXD24-2	TXD24-2-3	2	1725	6	9525	8810	7980	6960	84	120
27"	-----	TXD24-3-3	3	1725	6	10500	9500	8700	7800	86	130
	TXD27-1/2	TXD27-1/2-3	1/2	1725	4	7550	6000	4000	2000	86	125
	TXD27-1	TXD27-1-3	1	1725	4	9600	8400	7050	4800	86	155
	TXD27-2	TXD27-2-3	2	1725	6	11500	10700	9300	8000	86	165
30"	TXD30-1/2	TXD30-1/2-3	1/2	1725	4	8980	6300	4350	2300	86	130
	TXD30-3/4	TXD30-3/4-3	3/4	1140	6	10440	8750	6000	----	80	150
	TXD30-2	TXD30-2-3	2	1725	6	12000	10450	8700	6000	89	155
34"	-----	TXD30-3-3	3	1725	6	16000	14700	12900	10200	89	175
	TXD34-1 1/2	TXD34-1 1/2-3	1.5	1725	4	13350	10000	7300	----	88	175
	TXD34-2	TXD34-2-3	2	1725	4	14850	12100	8800	4000	89	200
	-----	TXD34-3-3	3	1140	3	19300	17230	14800	11614	86	250
36"	-----	TXD34-5-3	5	1725	6	21000	18900	17500	14850	91	220
	TXD36-2	TXD36-2-3	2	1140	6	17620	15200	12300	8500	84	210
	-----	TXD36-3-3	3	1725	4	18500	15700	13900	11500	89	230
42"	-----	TXD42-1-3	1	870	4	15800	13480	5800	900	81	270
	TXD42-2	TXD42-2-3	2	1140	4	17964	15326	12351	7600	87	260
	-----	TXD42-3-3	3	1140	4	24500	23000	19650	14000	87	260
	-----	TXD42-5-3	5	1140	4	28970	26840	24200	19500	87	300
48"	-----	TXD48-3-3	3	1140	4	28600	24400	20000	15900	94	290
	-----	TXD48-5-3	5	870	4	33000	29750	25300	18000	86	500

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	FAN SIZE	MODEL
12"	TXG-12	30"	TXG-30
15"	TXG-15	34"	TXG-34
18"	TXG-18	36"	TXG-36
24"	TXG-24	42"	TXG-42
27"	TXG-27	48"	TXG-48

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

Shutter Mounted Direct Drive Exhaust Fans

Features

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



Motor Specifications

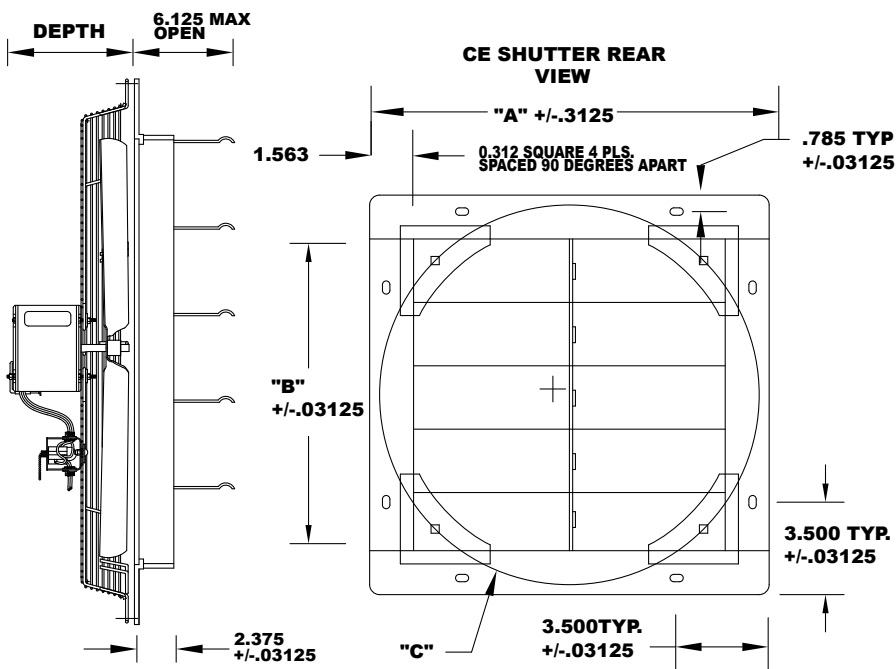
- 120V, 1 phase, totally enclosed, permanently lubricated
 - 1/12 HP motor is 3-Speed sleeve bearing permanent split capacitor
 - 1/8 HP motor is 3-Speed sleeve bearing permanent split capacitor
 - 1/4 HP motor is 2-Speed ball bearing permanent split capacitor
- Note: Rough-in hole size is 1/2" inch larger than fan blade size

Standard Models

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

Dimensions (Inches)

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



Guard Mounted Direct Drive Exhaust Fans

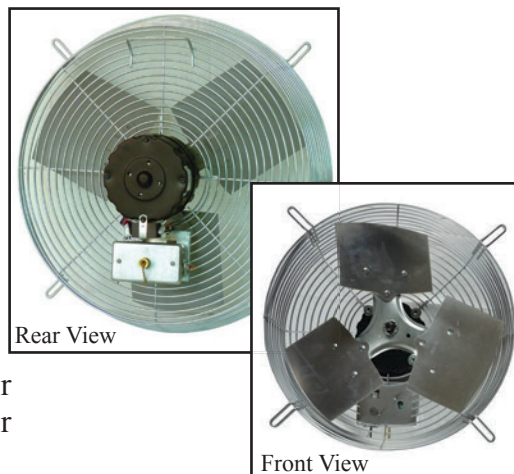
Features

- Bolts directly to the wall
- Can be used with or without external shutter
- Pull chain switch
- No Cord-Junction box provided for direct wiring
- Aluminum blade
- Steel spiral wire guards

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

Motor Specifications

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

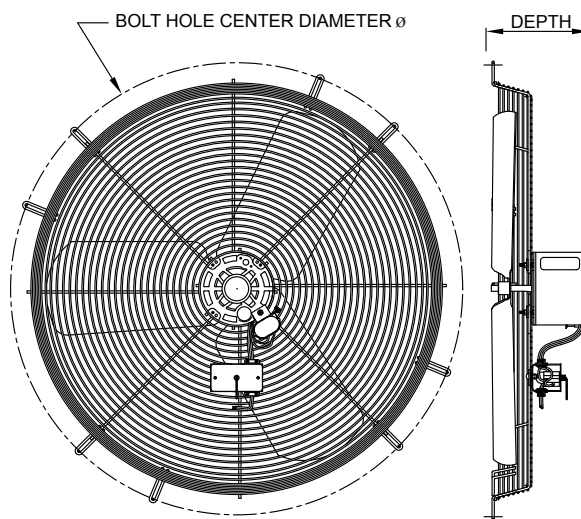


Standard Models

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

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"



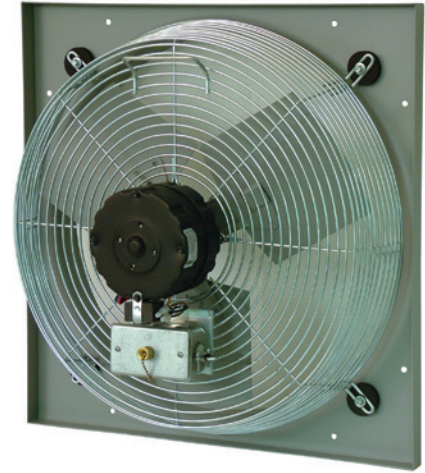
Optional Wall Shutters

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

Venturi Mounted Direct Drive Exhaust Fans

Features

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



Motor Specifications

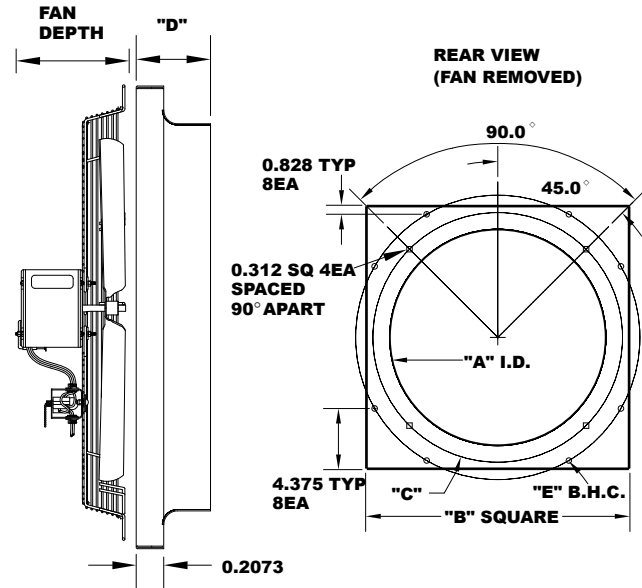
- 120V, 1-Phase, totally enclosed, permanently lubricated
 - 1/12 HP motor is 3-Speed sleeve bearing permanent split capacitor
 - 1/8 HP motor is 3-Speed sleeve bearing permanent split capacitor
 - 1/4 HP motor is 2-Speed ball bearing permanent split capacitor
- Note: Rough-in hole size is 1/2" inch larger than fan blade size

Standard Models

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

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)
			WIDTH	LENGTH	
10"	868433	CES-10G	13.13"	13.13"	5.0
12"	798556	CES-12G	15.13"	15.13"	5.5
14"	868457	CES-14G	17.13"	17.13"	6.5
16"	851473	CES-16G	19.00"	19.00"	8.0
18"	798563	CES-18G	21.13"	21.13"	9.0
20"	797528	CES-20G	23.13"	23.13"	10.0
24"	798570	CES-24G	27.13"	27.13"	13.0
30"	798587	CES-30G	33.13"	33.13"	19.0

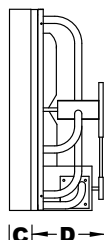
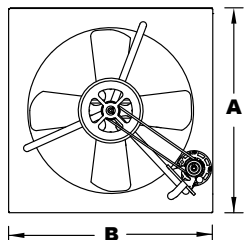
Commercial Exhaust Fans & Shutters

Belt-Drive Exhaust Fan

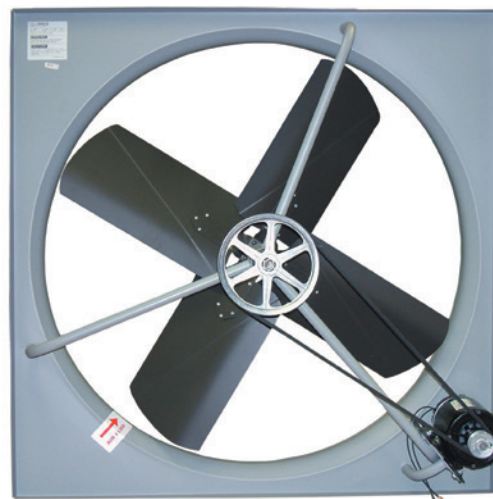
Features

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

Dimensions (Inches)



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



Standard Models

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

Optional Exhaust Shutters



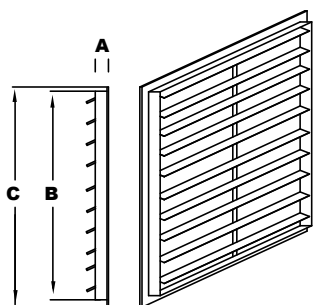
Features

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

Standard Models

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

Shutter Dimensions (Inches)



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

Standard Models

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

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

Heavy Duty Belt Drive Exhaust Fans

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)
	1-PHASE	3-PHASE						
	115/230V-60Hz	230/460v-60Hz						
24"	EHB24-1/4	EHB24-1/4-3	30"	1/4	780	4900	60	100
	EHB24-1/2	EHB24-1/2-3		1/2	980	6219	66	130
	EHB24-3/4	EHB24-3/4-3		3/4	1140	7090	71	140
	EHB24-1	EHB24-1-3		1	1250	7180	73	140
30"	EHB30-1/4	EHB30-1/4-3	36"	1/4	540	7178	61	140
	EHB30-1/3	EHB30-1/3-3		1/3	595	7909	63	150
	EHB30-1/2	EHB30-1/2-3		1/2	640	8507	64	155
	EHB30-3/4	EHB30-3/4-3		3/4	770	10235	66	165
	EHB30-1	EHB30-1-3		1	975	10668	70	170
	EHB30-1 1/2	EHB30-1 1/2-3		1 1/2	1140	12473	77	180
36"	EHB36-1/3	EHB36-1/3-3	42"	1/3	460	9113	64	160
	EHB36-1/2	EHB36-1/2-3		1/2	530	10500	66	180
	EHB36-3/4	EHB36-3/4-3		3/4	605	11985	68	200
	EHB36-1	EHB36-1-3		1	665	13174	70	200
	EHB36-1 1/2	EHB36-1 1/2-3		1 1/2	720	13660	72	210
	EHB36-2	EHB36-2-3		2	870	16554	74	215
42"	EHB42-1/3	EHB42-1/3-3	48"	1/3	335	10614	64	205
	EHB42-1/2	EHB42-1/2-3		1/2	390	12343	65	210
	EHB42-3/4	EHB42-3/4-3		3/4	435	14040	67	225
	EHB42-1	EHB42-1-3		1	490	15429	69	230
	EHB42-1 1/2	EHB42-1 1/2-3		1 1/2	550	17420	71	240
	EHB42-2	EHB42-2-3		2	725	20653	74	245
	EHB42-3-3	3	830	23645	79	250		
48"	EHB48-1/2	EHB48-1/2-3	54"	1/2	330	15230	69	190
	EHB48-3/4	EHB48-3/4-3		3/4	370	17339	70	195
	EHB48-1	EHB48-1-3		1	410	19188	71	235
	EHB48-1 1/2	EHB48-1 1/2-3		1 1/2	465	21731	72	245
	EHB48-2	EHB48-2-3		2	520	24274	74	250
	----	EHB48-3-3		3	680	28150	80	270
	EHB48-5-3	5	800	33160	83	285		
60"	EHB60-1	EHB60-1-3	66"	1	280	23090	76	380
	EHB60-1 1/2	EHB60-1 1/2-3		1 1/2	340	28068	77	390
	EHB60-2	EHB60-2-3		2	390	32200	78	395
	----	EHB60-3-3		3	450	37183	84	410
	----	EHB60-5-3		5	540	44600	86	420

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

Dimensions

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

Note: Depth dimension varies with motor selection.

Heavy Duty Direct Drive Exhaust Fans

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)
	1-PHASE 115/230V-60Hz	3-PHASE 230/460V-60Hz						
12"	EHD12-1/4	EHD12-1/4-3	16"	1/4	1725	1180	74	35
16"	EHD16-1/4	EHD16-1/4-3	20"	1/4	1725	2800	75	45
18"	EHD18-1/3	EHD18-1/3-3	24"	1/3	1725	3375	75	60
	EHD18-1/2	EHD18-1/2-3		1/2	1725	4150	76	60
20"	EHD20-1/4	EHD20-1/4-3	24"	1/4	1725	3720	75	60
	EHD20-1/2	EHD20-1/2-3		1/2	1725	4800	76	65
	EHD20-1	EHD20-1-3		1	1725	6900	77	70
24"	EHD24-1/4	EHD24-1/4-3	30"	1/4	1725	5200	82	135
	EHD24-1/3	EHD24-1/3-3		1/3	1150	4975	75	145
	EHD24-1/2	EHD24-1/2-3		1/2	1725	6510	82	140
	EHD24-3/4	EHD24-3/4-3		3/4	1725	6900	83	145
	EHD24-1	EHD24-1-3		1	1725	7425	83	155
	EHD24-2	EHD24-2-3		2	1725	9525	83	165
30"	-----	EHD24-3-3	36"	3	1725	10500	85	170
	EHD30-1/3	EHD30-1/3-3		1/3	1150	6950	79	145
	EHD30-1/2	EHD30-1/2-3		1/2	1725	8980	89	135
	EHD30-3/4	EHD30-3/4-3		3/4	1150	10440	79	175
	-----	EHD30-1-3		1	870	10640	74	215
	EHD30-1 1/2	EHD30-1 1/2-3		1 1/2	1725	12000	89	165
36"	EHD30-2	EHD30-2-3	42"	2	1150	14000	82	215
	-----	EHD30-3-3		3	1725	16000	89	190
	EHD36-1	EHD36-1-3		1	1150	13600	84	225
	EHD36-2	EHD36-2-3		2	1150	17620	84	250
42"	-----	EHD36-3-3	48"	3	1150	20500	85	255
	-----	EHD36-5-3		5	1725	28000	94	250
	-----	EHD42-1-3		1	870	15800	82	300
	EHD42-2	EHD42-2-3		2	1150	17964	88	260
48"	-----	EHD42-3-3	54"	3	1150	24500	88	270
	-----	EHD42-5-3		5	1150	28970	88	285
	-----	EHD48-3-3		3	1150	28600	92	290
60"	-----	EHD48-5-3	66"	5	1150	32000	94	305
	-----	EHD60-3-3		3	1150	40000	97	700
	-----	EHD60-5-5		5	1150	45000	97	730
	-----	EHD60-7 1/2-3		7 1/2	870	47000	92	740
	-----	EHD60-10-3		10	870	57200	93	750

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

Dimensions

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

Note: Depth dimension varies with motor selection.

Industrial Belt Drive Exhaust Fans

Features

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



Options

- CES Shutters
- EMF Front Guard
- IBG Rear Guards

Standard Models

BLADE SIZE	MODEL		PANEL SIZE (Sq.)	HP	RPM	CFM	db's @ 10'	WT. (LBS)
	1-PHASE	3-PHASE						
	115/230V-60Hz	230/460v-60Hz						
24"	IE24-1/3	IE24-1/3-3	30"	1/3	825	5300	61	70
	IE24-1/2	IE24-1/2-3		1/2	925	6200	66	75
	IE24-3/4	IE24-3/4-3		3/4	1050	7000	71	82
	IE24-1	IE24-1-3		1	1175	7800	73	90
30"	IE30-1/3	IE30-1/3-3	36"	1/3	570	7500	62	95
	IE30-1/2	IE30-1/2-3		1/2	625	8500	64	95
	IE30-3/4	IE30-3/4-3		3/4	725	10000	66	105
	IE30-1	IE30-1-3		1	825	11000	70	115
36"	IE36-1/3	IE36-1/3-3	42"	1/3	425	9000	64	103
	IE36-1/2	IE36-1/2-3		1/2	500	10500	66	105
	IE36-3/4	IE36-3/4-3		3/4	575	11900	68	110
	IE36-1	IE36-1-3		1	650	13100	70	120
	IE36-1 1/2	IE36-1 1/2-3		1 1/2	750	15000	72	155
	IE36-2	IE36-2-3		2	830	16500	74	165
42"	IE42-3/4	IE42-3/4-3	48"	3/4	430	14000	67	175
	IE42-1	IE42-1-3		1	490	15400	69	180
	IE42-1 1/2	IE42-1 1/2-3		1 1/2	550	17200	71	185
	IE42-2	IE42-2-3		2	620	19400	74	200
	-----	IE42-3-3		3	700	22000	79	225
48"	IE48-3/4	IE48-3/4-3	54"	3/4	350	17000	70	185
	IE48-1	IE48-1-3		1	400	19100	71	190
	IE48-1 1/2	IE48-1 1/2-3		1 1/2	460	22000	72	200
	IE48-2	IE48-2-3		2	520	24000	74	250
	-----	IE48-3-3		3	590	27500	80	260
	-----	IE48-5-3		5	660	30500	83	280
60"	IE60-2	IE60-2-3	66"	2	320	31000	77	320
	-----	IE60-3-3		3	370	35000	84	330
	-----	IE60-5-3		5	420	39000	86	350

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

Dimensions

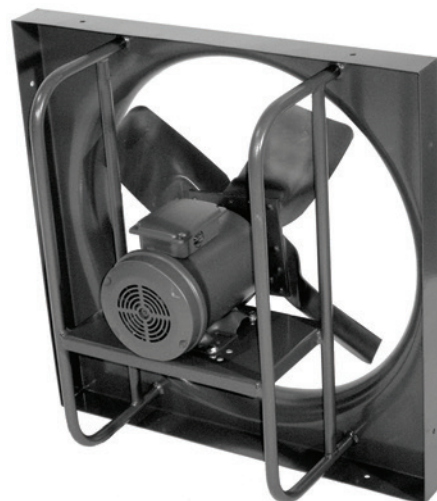
SIZE	BLADE DIAMETER	PANEL SIZE	DEPTH DIMENSION
24"	24"	30"	18"
30"	30"	36"	18"
36"	36"	42"	20"
42"	42"	48"	20"
48"	48"	54"	22"
60"	60"	66"	28"

Note: Depth dimension varies with motor selection.

Industrial Direct Drive Exhaust Fans

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)
	1-PHASE	3-PHASE						
	115/230V-60Hz	230/460v-60Hz						
12"	IED12-1/4	IED12-1/4-3	16"	1/4	1725	1480	64	30
16"	IED16-1/3	IED16-1/3-3	20"	1/3	1725	2834	73	40
18"	IED18-1/2	IED18-1/2-3	24"	1/2	1725	3890	74	55
20"	IED20-3/4	IED20-3/4-3	24"	3/4	1725	4574	77	65
24"	IED24-1	IED24-1-3	30"	1	1725	6632	81	155
30"	IED30-1	IED30-1-3	36"	1	1150	8600	79	185
36"	IED36-1 1/2	IED36-1 1/2-3	42"	1.5	1150	12103	82	260
42"	-----	IED42-2-3	48"	2	1150	17315	87	280
48"	-----	IED48-3-3	54"	3	850	24280	86	360

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

Dimensions

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

Note: Depth dimension varies with motor selection.

Exhaust Fan Accessories-Heavy Duty Exhaust Shutter

Features

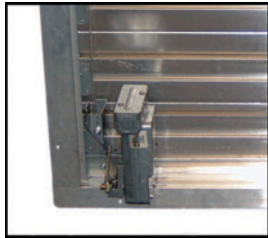
- Air open - Gravity close
- Aluminum construction
- Heavy duty blades
- Weather stripping for tighter seal



Standard Models

FAN SIZE	MODEL	INSIDE FRAME DIMENSIONS	OUTSIDE FRAME DIMENSIONS	WT. (LBS)
12"	CES 12	12" x 12"	14" x 15"	4
16"	CES 16	16" x 16"	19" x 19"	7
18"	CES 18	18" x 18"	21" x 21"	8
20"	CES 20	20" x 20"	23" x 23"	9
24"	CES 24	24" x 24"	27" x 27"	11
30"	CES 30	30" x 30"	33" x 33"	15
36"	CES 36	36" x 36"	39" x 39"	19
42"	CES 42	42" x 42"	45" x 45"	23
48"	CES 48	48" x 48"	51" x 51"	28
60"	CES 60	60" x 60"	63" x 63"	47

Heavy Duty Shutter Motor Kit Features



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

Standard Models

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

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)
24"	CESM-24	24" x 24"	27" x 27"	15
30"	CESM-30	30" x 30"	33" x 33"	18
36"	CESM-36	36" x 36"	39" x 39"	21
42"	CESM-42	42" x 42"	45" x 45"	35
48"	CESM-48	48" x 48"	51" x 51"	42
60"	CESM-60	60" x 60"	63" x 63"	56



Cabinet Exhaust Fans With Shutters

Features

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



Standard Models

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

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

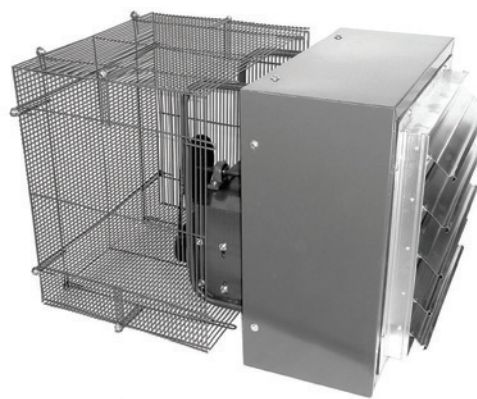
With Bolt Together Rear Guard

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MODEL	FAN SIZE
CEFP-24	24"
CEFP-30	30"
CEFP-36	36"
CEFP-42	42"
CEFP-48	48"



Features

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

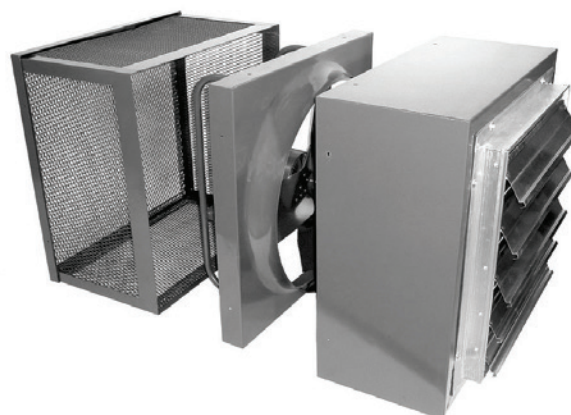
With Expanded Metal Rear Guard

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MODEL	FAN SIZE
CEFP-12	12"
CEFP-16	16"
CEFP-18	18"
CEFP-20	20"
CEFP-60	60"



Features

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

Exterior Weather Hood Option

Features

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

Standard Models

MODEL	FAN SIZE
WH-12	12"
WH-16	16"
WH-18	18"
WH-20	20"
WH-24	24"
WH-30	30"
WH-36	36"
WH-42	42"
WH-48	48"
WH-60	60"



Exhaust Fan Accessories - Fan Guards

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
IBG-24	24"
IBG-30	30"
IBG-36	36"
IBG-42	42"
IBG-48	48"
IBG-60	60"

Rear Expanded Metal Box Guard



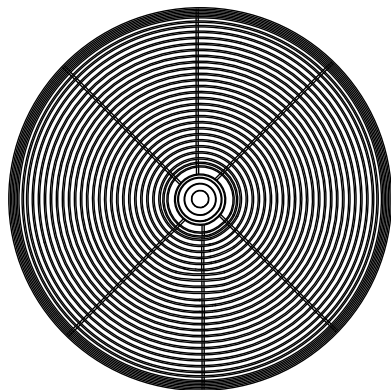
Features

- 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
IBG-12	12"
IBG-16	16"
IBG-18	18"
IBG-20	20"

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
SR-12	12"
SR-16	16"
SR-18	18"
SR-20	20"
SR-24	24"

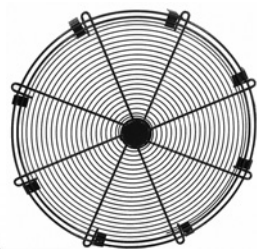
Front Guard

Features

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

Standard Models

MODEL	FAN
EMF-12	12"
EMF-16	16"
EMF-20	20"
EMF-24	24"
EMF-30	30"
EMF-36	36"
EMF-42	42"
EMF-48	48"
EMF-60	60"



Spiral wire guards
12" - 48"



Expanded metal guard
60"

Belt Drive Roof Ventilators



Features

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

Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

Standard Models

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

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

Dimensions

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

Direct Drive Roof Ventilators



Features

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

Options

- Protective coating
- Disconnect switch
- Prefabricated curbs

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)
	MODEL				0"	1/8"	1/4"	1/2"		
18"	UED18-1/4	UED18-1/4-3	1/4	1140	2570	2263	1673	854	66	170
	UED18-1/3	UED18-1/3-3	1/3	1725	3375	3000	2600	1400	75	175
	UED18-1/2	UED18-1/2-3	1/2	1725	4133	3938	3724	3132	76	180
	UED18-1	UED18-1-3	1	1725	4600	4375	4080	3000	77	190
24"	UED24-1/4	UED24-1/4-3	1/4	1725	5200	4200	2820	----	75	240
	UED24-3/4	UED24-3/4-3	3/4	1140	6900	6450	6265	3300	76	260
	UED24-1	UED24-1-3	1	1725	7425	7000	6350	5000	83	280
	-----	UED24-3-3	3	1725	10500	9800	9500	8700	85	295
30"	UED30-3/4	UED30-3/4-3	3/4	1140	10440	9750	8750	6000	79	310
	-----	UED30-1-3	1	870	10800	10100	9100	6360	74	330
	UED30-1 1/2	UED30-1 1/2-3	1.5	1140	10410	9686	8834	6420	81	325
	UED30-2	UED30-2-3	2	1140	14000	13750	12900	10450	82	335
	-----	UED30-3-3	3	1725	16000	15350	14700	12900	89	335
36"	UED36-2	UED36-2-3	2	1140	17620	16500	15200	12300	84	430
	-----	UED36-3-3	3	1140	20500	19500	18500	15850	85	455
	-----	UED36-5-3	5	1140	22600	21700	20500	19000	87	465
42"	UED42-2	UED42-2-3	2	1140	17964	17277	15326	12351	88	500
	-----	UED42-5-3	5	1140	28970	27960	26840	24200	89	500
48"	-----	UED48-3-3	3	1140	28600	26500	24400	20000	92	550
	-----	UED48-5-3	5	870	33000	31500	29750	25300	86	665
	-----	UED48-7 1/2-3	7.5	1140	37000	35100	32800	28000	94	740
	-----	UED48-10-3	10	1140	41000	39200	38300	35400	95	875
60"	-----	UED60-5-3	5	870	45200	41500	37000	26000	90	940
	-----	UED60-7 1/2-3	7.5	870	47000	45500	43600	38700	92	950
	-----	UED60-10-3	10	690	54000	51900	49000	43200	87	960

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

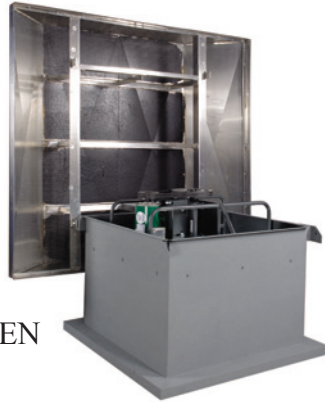
Dimensions

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

Belt Drive Hooded Roof Ventilators



CLOSED



OPEN

Features

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

Options

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

Dimensions

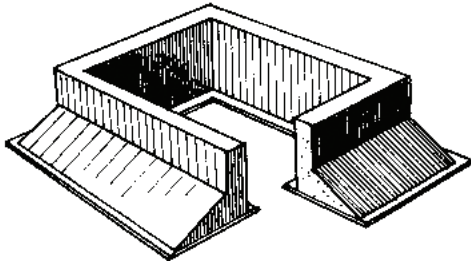
SIZE	MINIMUM ROOF HOLE (SQUARE)	HOLE LENGTH x WIDTH	HOOD HEIGHT	ROOF CURB O.D. (SQUARE)
24"	30"	54" x 64"	30"	39"
30"	36"	60" x 76"	36"	45"
36"	42"	72" x 82"	40"	51"
42"	48"	80" x 89"	43"	57"
48"	54"	87" x 95"	46"	63"
54"	60"	92" x 98"	54"	69"
60"	66"	90" x 107"	56"	75"

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)
	MODEL				0"	1/8"	1/4"	1/2"		
24"	RE24-1/4	RE24-1/4-3	1/4	780	4900	4222	2807	800	60	340
	RE24-1/2	RE24-1/2-3	1/2	980	6219	5716	5061	2600	66	350
	RE24-3/4	RE24-3/4-3	3/4	1140	7090	6648	6144	4413	71	360
	RE24-1	RE24-1-3	1	1250	7180	6696	6271	4464	73	365
30"	RE30-1/3	RE30-1/3-3	1/3	595	7909	6380	3617	767	60	385
	RE30-1/2	RE30-1/2-3	1/2	640	8507	7170	4486	1373	64	385
	RE30-3/4	RE30-3/4-3	3/4	770	10235	9192	7657	3833	66	400
	RE30-1	RE30-1-3	1	975	10668	9959	8626	5184	70	400
	RE30-1 1/2	RE30-1 1/2-3	1.5	1140	12473	11867	11112	8135	77	410
36"	RE36-1/3	RE36-1/3-3	1/3	460	9113	6992	3722	486	64	425
	RE36-1/2	RE36-1/2-3	1/2	530	10500	8821	5985	2084	66	425
	RE36-3/4	RE36-3/4-3	3/4	605	11985	10583	8563	4017	68	435
	RE36-1	RE36-1-3	1	665	13174	11932	10299	5729	70	440
	RE36-1 1/2	RE36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	440
	RE36-2	RE36-2-3	2	870	16554	15376	14088	9691	74	455
42"	RE42-1/2	RE42-1/2-3	1/2	390	12343	9352	4957	1642	65	540
	RE42-3/4	RE42-3/4-3	3/4	435	14040	11530	7633	3311	67	545
	RE42-1	RE42-1-3	1	490	15429	13194	10438	4668	69	555
	RE42-1 1/2	RE42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	560
	RE42-2	RE42-2-3	2	725	20653	19128	17503	11319	74	570
	-----	RE42-3-3	3	830	23645	22296	20984	17290	79	585
48"	RE48-3/4	RE48-3/4-3	3/4	370	17339	13700	7389	2244	70	650
	RE48-1	RE48-1-3	1	410	19188	16078	10903	4037	71	660
	RE48-1 1/2	RE48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	665
	RE48-2	RE48-2-3	2	520	24274	21943	19080	10125	74	680
	-----	RE48-3-3	3	680	28150	25683	23615	16930	80	700
	-----	RE48-5-3	5	800	33160	30900	29290	25000	83	720
	-----	RE48-7 1/2-3	7.5	1000	40180	37600	35800	30000	89	780
54"	RE54-1	RE54-1-3	1	410	23130	20588	17500	9600	73	910
	RE54-1 1/2	RE54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	920
	RE54-2	RE54-2-3	2	480	27200	24312	20660	11010	76	930
	-----	RE54-3-3	3	550	31213	28722	25830	15420	77	940
	-----	RE54-5-3	5	660	37458	35238	32893	26538	80	960
60"	RE60-1	RE60-1-3	1	250	23090	19161	12850	-----	76	1150
	RE60-1 1/2	RE60-1 1/2-3	1.5	340	28068	23283	15624	8000	77	1150
	RE60-2	RE60-2-3	2	390	32200	26710	17924	9380	78	1200
	-----	RE60-3-3	3	450	37183	32356	25324	15013	84	1220
	-----	RE60-5-3	5	540	44600	41232	35819	23237	86	1240
	-----	RE60-7 1/2-3	7.5	620	50184	47603	43981	32880	89	1285

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

Insulated Roof Curbs



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
	FLAT	SLOPE	RIDGE		
18"	FLS-18	SLS-18	RDS-18	32" x 32"	44" x 44"
24"	FLS-24	SLS-24	RDS-24	38" x 38"	50" x 50"
30"	FLS-30	SLS-30	RDS-30	44" x 44"	56" x 56"
36"	FLS-36	SLS-36	RDS-36	50" x 50"	62" x 62"
42"	FLS-42	SLS-42	RDS-42	56" x 56"	68" x 68"
48"	FLS-48	SLS-48	RDS-48	62" x 62"	74" x 74"
54"	FLS-54	SLS-54	RDS-54	68" x 68"	80" x 80"
60"	FLS-60	SLS-60	RDS-60	74" x 74"	86" x 86"

Back Draft Dampers to Fit in Curb

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

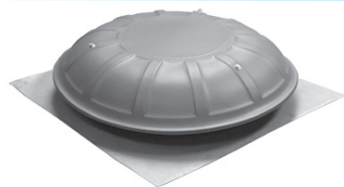
FAN SIZE	MODEL	SHUTTER SIZE
18"	CD-18	28" x 28"
24"	CD-24	34" x 34"
30"	CD-30	40" x 40"
36"	CD-36	46" x 46"
42"	CD-42	52" x 52"
48"	CD-48	58" x 58"
54"	CD-54	64" x 64"
60"	CD-60	70" x 70"

Motor Kit for Dampers

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

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

Power Attic Mount Dome Ventilator



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

Features

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

Standard Models

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

Gable Exhaust Fan



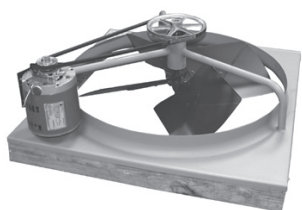
Features

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

Standard Models

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

Belt Drive Wholehouse Fans



Features

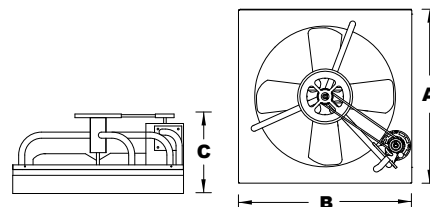
- 2-Speed motors
- Shutters automatically open when fan is turned on and close tightly when fan is turned off
- 120V, 1-Phase

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)
							A	B	C			
793629	BD24-2-WHS	24"	2	1/3	4500/2700	612/410	28	29.5	14.5	7	5.7/4.8	40
793636	BD30-2-WHS	30"	2	1/3	7600/5800	520/350	34	35.5	14.5	9	6.9/5.5	50
793643	BD36-2-WHS	36"	2	1/3	9675/6400	395/265	40	41.5	14.5	12	6.3/3.1	64

Fan Dimensions



Ceiling Shutters

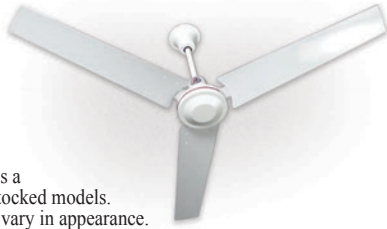
UPC#	MODEL	FIT HOLE SIZE (I.D.)	OUTSIDE SIZE (O.D.)	FAN SIZE	SHIPPING WT. (LBS)
686334					
794480	CS-10-W	26X26	28X28	24"	8
794466	CS-13-W	32X34	34X36	30"	10
794534	CS-14-W	34X34	36X36	30"	10
794473	CS-18-W	32X43	34X45	36"	11
794527	CS-19-W	34X43	36X45	36"	11

Control Options

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

"Joist out style" (For replacement only)

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 (motor), 115V, 1-Phase, capacitor type, impedance protected motor with sealed ball bearings

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

Commercial Grade

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

Industrial Grade

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

Heavy Duty Grade

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

Standard Models

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

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

Solid State Controls (120 & 277V Models)

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

Solid State Controls & Reversing Switch for IHR-56R

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

Options

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

Portable 18" Self Contained Power Mister

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

Features

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

Motor Specification

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



PM-18C



PM-18S



PM-18FO

Note: Tank lid not included. Replacement nozzle kit is NK-PM18 - 876070.

Standard Models

UPC# 686334	MODEL	FAN SIZE	TYPE	MOTOR HP	CFM	AMPS	WT. (LBS)
855471	PM-18S	18"	HAND CARRY	1/8	5750	2.2	30
855495	PM-18C		CART				76

18" Fan & Pump Lid for 10gal. Tank

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

Industrial Workstation Floor Fans

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

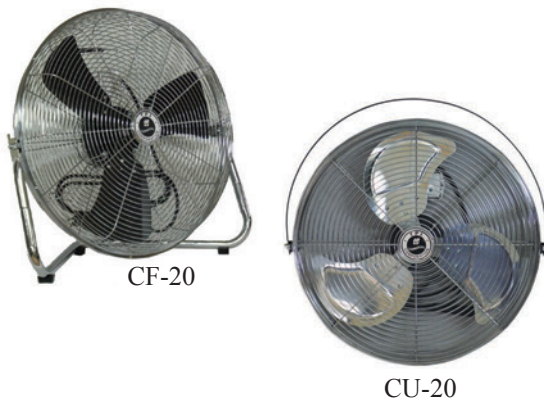
- Sleeve bearing
- Totally enclosed
- 1-Phase, 120V
- 3-Speed
- Permanently lubricated
- Frame size: 42
- 5/16" Shaft

Standard Models

SIZE	UPC# 686334	MODEL	FAN TYPE	MOTOR HP	CFM / RPM			DIMENSIONS			MAX AMPS	SHIPPING WT. (LBS)
					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
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
24"	852852	F-24-TE		1/8	5850 / 1634	5200 / 1484	3600 / 1200	26"	26"	10-1/2"	2.4	23
18"	797306	F-18H-TE	HIGH STAND	1/8	4600 / 1660	4200 / 1550	3200 / 1370	53"	25"	27"	2.2	27
24"	854061	F-24H-TE		1/8	5850 / 1634	5200 / 1484	3600 / 1200	53"	30"	27"	2.4	30

TPI Commercial Workstation & Floor Fans

Features



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



Motor Specification

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

Standard Models

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

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

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

Industrial Mounted Workstation Fans



Features

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

Motor Specifications

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

Standard Models

FAN SIZE	UPC# 686334	MODEL	MOTOR HP	CFM / RPM			DIMENSIONS			MAX AMPS	SHIPPING WT (LBS)
				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
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
24"	854078	U-24-TE	1/8	5850 / 1634	5200 / 1484	3600 / 1200	27"	26"	10-1/2"	2.4	23

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
1"	851244	PM-1
1-1/2"	851251	PM-1.5
2"	851268	PM-2
2-1/2"	851275	PM-2.5
3"	851282	PM-3

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.)
12"	851305	ODF-12	DESK	3	1200	0.4	5.4
16"	851312	ODF-16	DESK	3	2100	0.5	8.5
16"	851329	OSF-16	STAND	3	2100	0.5	15.5

Workstation Wall Mount Fan With Pivoting Arm

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



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

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

Low Velocity "Navy Style" Workstation Fan

Features

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

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



WALL MOUNT



BENCH MOUNT CEILING MOUNT

Standard Models

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

Portable Workstation Evaporative Coolers



Evap-Mini - Features

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

Standard Models

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

16" Portable Workstation Evaporative Cooler



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

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



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

PROVIDES COOLING UP TO A 900 SQ. FT. AREA

Features

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



Standard Models

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

36" & 48" Portable Evaporative Coolers



FRONT Patented

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

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



BACK Patented

36" Single or Three Speed

48" Two Speed

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

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

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

Features

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

Standard Models

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

Replacement Media Pads

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

Hazardous Location - Standard Models



FRONT Patented



CONTROL Patented

Hazardous Location - Specific Features

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

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



PAC-13

PAC-21

PAC-29 & 37

PAC-60

Standard Models

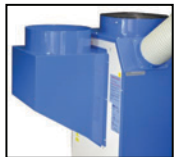
SPECIFICATIONS	MODEL	PAC-13	PAC-21	PAC-29	PAC-37	PAC-60
COOLING CAPACITY	BTU	13,200	19,500/21,000	28,000/29,000	36,000/37,000	60,000/61,000
	TONS	1.1	1.8	2.4	3.1	5.0
EFFECTIVE AREA	SQ. FT.	550	900	1,250	1,550	2,500
POWER SUPPLY	VOLTS	115	208/230	208/230	208/230	208/230
	PHASE	1	1	1	1	1
	HZ	60	60	60	60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

Accessories

UPC#	MODEL	DESCRIPTION
686334		
683890	PAC12-CF	12" 2x2' Ceiling Flange (fits standard drop ceiling grid)
683906	PAC16-CF	16" 2x2' Ceiling Flange
683869	PAC12-WD	12" x 8' Warm Air Duct
683876	PAC16-WD	16" x 8' Warm Air Duct



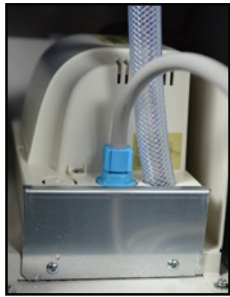
Warm Air Exhaust Adapter



Rear Ambient Air Adapter

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

Accessories (cont.)



PAC Pump

UPC#	MODEL	DESCRIPTION
686334		
539913	PAC Pump	Condensation pump for PAC air conditioners. Note: Condensation pump replaces the 2 gallon catch can.
539920	PAC Nozzle	60" Extra Long Nozzle

Note: Condensation pump replaces the condensate take.

Why Portable Air Conditioning?

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

About Portable Air Conditioning - How to Select a Unit

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

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

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

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

Note: 10,000 BTU's = 1 Ton

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

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

Portable Water Cooled Split Air Conditioning System



Features

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



Standard Models

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

Specifications (cont.)

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

Application Photos



Indoor Portable Air Conditioning Unit



Outdoor Heat Exchanger*
*does not need to be mounted off the ground

Portable Utility Lights

5 Types of Light Sources



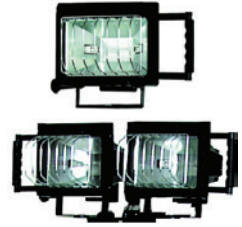
Incandescent

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



Quartz Halogen

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



Fluorescent

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

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.
bulbs (included) - shade remains Cool-to-the-Touch.

Light Selection Chart & Illumination Levels

LIGHT SOURCE:	INCANDESCENT		QUARTZ HALOGEN		FLUORESCENT		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



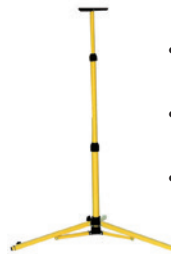
Cart Base

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



Clamp-On Mount

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



Magnet Mount

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



ATTENTION

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

Portable Utility Lights

Incandescent, Fluorescent, and LED Series

Features

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

Lamp Specifications

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



LED
T-LED-2

Fluorescent
P-FL-2

Incandescent
C-INC-2

Incandescent
M-INC-1

Fluorescent
CP-FL-1

LED
F-LED-1

Standard Models

UPC# 686334	MODEL	LAMP SOURCE	BASE TYPE	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS.)
479967	P-INC-1	INCANDESCENT	PEDESTAL	300	1	35
479974	P-INC-2			600	2	39
479899	C-INC-1		CART	300	1	31
479905	C-INC-2			600	2	35
480024	T-INC-1		TRIPOD	300	1	13
480031	T-INC-2			600	2	17
480109	F-INC-1		FLOOR	300	1	8
480147	CP-INC-1		CLAMP	300	1	7
480185	M-INC-1		MAGNET	300	1	6
479981	P-FL-1	FLUORESCENT	PEDESTAL	55	1	35
479998	P-FL-2			110	2	39
479929	C-FL-1		CART	55	1	31
479936	C-FL-2			110	2	35
480062	T-FL-1		TRIPOD	55	1	13
480079	T-FL-2			110	2	17
480123	F-FL-1		FLOOR	55	1	8
480161	CP-FL-1		CLAMP	55	1	7
480208	M-FL-1		MAGNET	55	1	6
487245	P-LED-1	LED	PEDESTAL	12	1	37
487252	P-LED-2			24	2	42
487269	C-LED-1		CART	12	1	33
487276	C-LED-2			24	2	38
487283	T-LED-1		TRIPOD	12	1	15
487290	T-LED-2			24	2	20
487306	F-LED-1		FLOOR	12	1	10
487313	CP-LED-1		CLAMP	12	1	9
487320	M-LED-1		MAGNET	12	1	8

Note: All above models are shipped in ONE Carton

Individual Portable Light Components - Replacement Bulbs

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

Portable Utility Lights

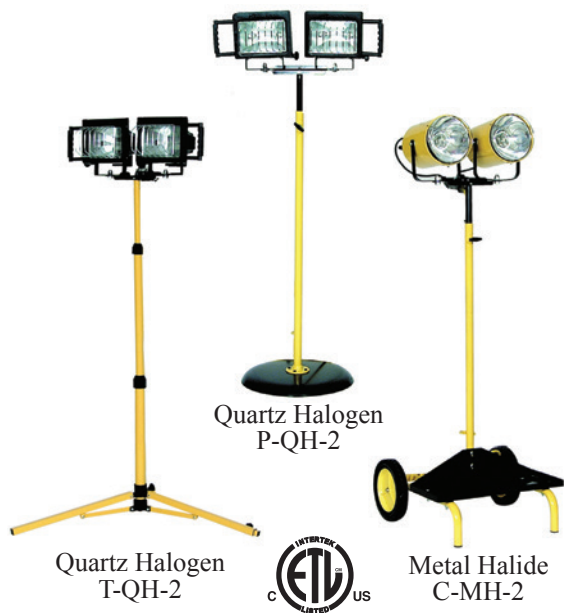
Quartz Halogen and Metal Halide Series

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
T-QH-2

Quartz Halogen
P-QH-2

Metal Halide
C-MH-2



Quartz Halogen
M-QH-1



Quartz Halogen
CP-QH-1



Metal Halide
F-MH-1

Standard Models

UPC#	MODEL	LAMP SOURCE	BASE TYPE	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS.)
686334						
479868	P-QH-1	QUARTZ HALOGEN	PEDESTAL	500	1	36
479875	P-QH-2			1000	2	41
479912	C-QH-1		CART	500	1	32
479882	C-QH-2			1000	2	37
480048	T-QH-1		TRIPOD	500	1	14
480055	T-QH-2			1000	2	19
480116	F-QH-1		FLOOR	500	1	9
480154	CP-QH-1		CLAMP	500	1	8
480192	M-QH-1	MAGNET	500	1	7	
480000	P-MH-1	METAL HALIDE	PEDESTAL	100	1	38
480017	P-MH-2			200	2	45
479943	C-MH-1		CART	100	1	34
479950	C-MH-2			200	2	41
480086	T-MH-1		TRIPOD	100	1	16
480093	T-MH-2			200	2	23
480130	F-MH-1		FLOOR	100	1	11
480178	CP-MH-1		CLAMP	100	1	10
480215	M-MH-1		MAGNET	100	1	9

Individual Portable Light Components - Light heads and Bases

UPC#	MODEL	TYPE	DESCRIPTION	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS.)
686334						
480222	INC-1	LIGHTHEAD	INCANDESCENT	300	1	4
480321	INC-2			600	2	7
480307	FL-1		FLUORESCENT	55	1	5
480345	FL-2			110	2	8
487368	LED-1		LED	12	1	6
487375	LED-2			24	2	9
480291	QH-1		QUARTZ HALOGEN	500	1	5
480338	QH-2			1000	2	10
480314	MH-1		METAL HALIDE	100	1	7
480352	MH-2			200	2	14
480277	PED	BASE	PEDESTAL	-	-	31
480284	CRT		CART	-	-	27
480239	TRI		TRIPOD	-	-	9
480260	FLR		FLOOR	-	-	4
480246	CLP		CLAMP	-	-	2
480253	MAG		MAGNET	-	-	3

Heavy Duty Portable Utility Lights



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



TRIPOD LIGHT STAND



PUL-2000Q-TC

PUL-1000Q-TC

Cart Light Stand With GFCI Features

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

Tripod Light Stand Features

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

Standard Models

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

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

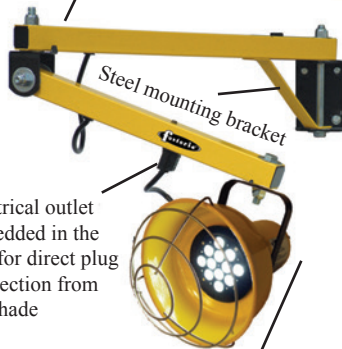
UPC#	MODEL	BASE TYPE	BULBS	MAX. WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE HOURS	WT. (LBS.)
445078	CL-300	CLIP-ON	300W Incandescent	300	120	11000	2000	3

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

Light Head Features



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



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

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

Light Selection Chart & Illumination Levels

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

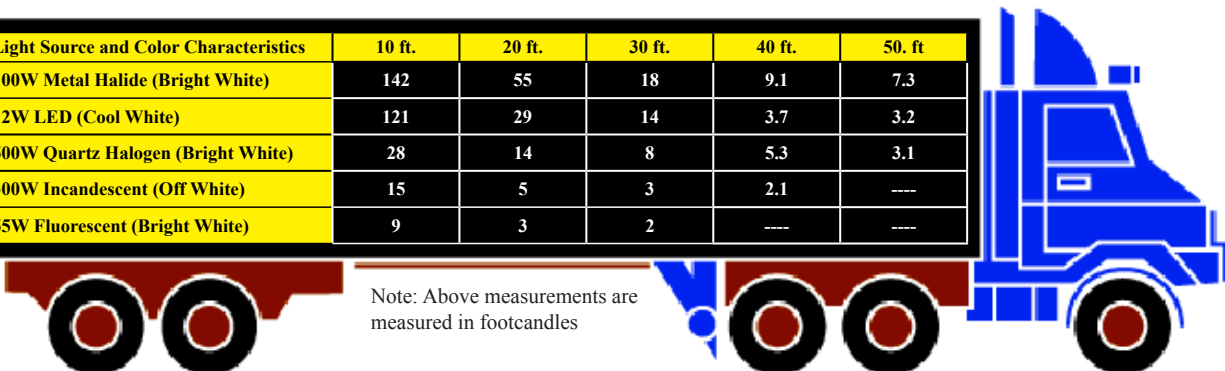
Dock Light Performance Testing

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

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

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

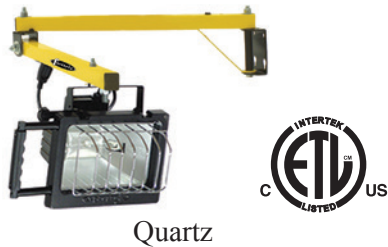
Note: Above measurements are measured in footcandles



Loading Dock Lights - Fully Assembled Standard Duty Loading Dock Arms

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

Standard Models (120 V)



UPC#	MODEL	ARM LENGTH	# OF ARMS	MAX WATTS	WT. (LBS.)
686334					
INCANDESCENT					
446648	DKL-24-A	24"	1	300	10
446655	DKL-40VA-A	40"	2		14
446662	DKL-60VA-A	60"	2		17
QUARTZ HALOGEN					
446709	DKL-24-QH-A	24"	1	500	11
446716	DKL-40VA-QH-A	40"	2		15
459587	DKL-40VA-SQH-B	40"	2		7
446723	DKL-60VA-QH-A	60"	2		18
LED					
470827	DKL-24-LED	24"	1	12	11
470834	DKL-40VA-LED	40"	2		15
470841	DKL-60VA-LED	60"	2		18
METAL HALIDE					
446730	DKL-24-MH-A	24"	1	100	13
446747	DKL-40VA-MH-A	40"	2		17
446754	DKL-60VA-MH-A	60"	2		21
FLUORESCENT					
470797	DKL-24-FL-A	24"	1	55	11
485036	DKL-40VA-FL-A	40"	2		15
470810	DKL-60VA-FL-A	60"	2		18

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.)
686334							
385404	DKL-25-FLX	25"	300	120	3,700	2000	7

*Bulb not included.

Light Head Accessories

Standard Models



LG-1

UPC#	MODEL	DESCRIPTION	WATTS	USED WITH	WT. (LBS.)
686334					
331326	LG-1	Lamp Guard	-	INC, LED, or FL Fixtures	2
485050	SSE-55	Fluorescent Bulb	55	ALL FL Light heads	1
470858	LED-12	LED Bulb	12	ALL LED Light heads	1
310598	QHL-500	Quartz Halogen Lamp	500	ALL QH Light heads	1
310680	MH-100	Metal Halide Bulb	100	ALL MH Light heads	1

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

Loading Dock Lights - Modular

Modular Lights



Features

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

Standard Models

UPC#	MODEL	LIGHT HEAD TYPE	MAX WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS.)
686334						
446563	DKL-INC	Incandescent	300	3,700	2,000	5 lbs.
446570	DKL-QH	Quartz Halogen	500	11,000	2,000	6 lbs.
470865	DKL-LED	LED	12	960	50,000	7 lbs.
446600	DKL-MH	Metal Halide	100	9,000	15,000	10 lbs.
484336	DKL-FL	Fluorescent	55	3,000	10,000	7 lbs.

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	WT. (LBS.)
686334				
446549	DKL-40VA-ARM	40"	2	18 lbs.
446556	DKL-60VA-ARM	60"	2	24 lbs.
446532	24-LDA**	24"	1	11 lbs.
446617	40-LDA**	40"	3	18 lbs.
446624	60-LDA**	60"	3	24 lbs.

**Indicates heavy duty dock arms.

Loading Dock Arm Fan



Features

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

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

Machine Tool Lights

Water Resistant Fluorescent Tube Lights



Remote Ballast with Cordset



Internal Ballast with Cordset



Remote Ballast

Features

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

Standard Models

UPC# 686334	MODEL #	DESCRIPTION	WATTS	VOLTS	LUMENS	OVERALL LENGTH	TUBE MATERIAL	BALLAST INCLUDED	WT. (LBS.)
282321	21-TLP-IB-C	REMOTE BALLAST WITH CORDSET	36	120V	2900	21"	Polycarbonate	Yes	10
482943	23-TLP-EOB-C	INTERNAL BALLAST WITH CORDSET	18	90 to 277V	1250	23"	Polycarbonate	Yes	6
482950	29-TLP-EOB-C		36		2900	29"	Polycarbonate	Yes	7
484343	29-TLP-A	REMOTE BALLAST	50	120V	4300	29"	Polycarbonate	Yes	7
282499	52-TLP-A		100		8400	52"	Polycarbonate	Yes	12
482936	23-TLP-24VDC	INTERNAL BALLAST	18	24VDC*	1250	23"	Polycarbonate	Yes	6

* Includes 2 ft. lead wires

Accessories - Magnetic Base and Replacement Lamps



MAGNETIC BASE

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

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
- Bulb not included with VCX Models

Standard Models

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

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)
686334						
442305	12-R-M-3	60 Watt	Magnetic Base	865	12"	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.)
686334								
485159	45-MAG-W	3X	22W. Circline	22	1800	16,000	45"	10
312035	MAG-22W		22W., 120V., T-9 deluxe cool white circline replacement lamp					1

Model	Page	Model	Page	Model	Page	Model	Page
12-R-M-3	53	AC-MOT	7	BD24-2-WHS	35	CE 24-D	20
15-MC-901	53	AC-MOT-O	7	BD30-2-WHS	35	CE 24-DS	19
15-TLP-IB-C	52	ACM-P	2	BD36-2-WHS	35	CE 24-DV	21
1A22-7	35	ACM-P	5	CACM-P	7	CE 30-D	20
1A22-8	35	ACM-P	7	CACU 24-P	9	CE 30-DS	19
1A22-8W	35	ACM-P	8	CACU 24-PO	9	CE 30-DV	21
21-TLB-IB-C	52	ACMPM	7	CACU 24-W	9	CE-24B	22
21-TLP-IB-C	52	ACM-PM	2	CACU 24-WO	9	CE-24B-3	22
23-TLP-24VDC	52	ACM-PM	5	CACU 30-P	9	CE-30B	22
23-TLP-EOB-C	52	ACM-PM	8	CACU 30-PO	9	CE-30B-3	22
24-LDA	51	ACM-S	2	CACU 30-W	9	CE-36B	22
24-LDF-TE	39	ACM-S	5	CACU 30-WO	9	CE-36B-3	22
29-TLP-A	52	ACM-S	7	CAS - 18	15	CE-42B	22
29-TLP-EOB-C	52	ACM-S	8	CAS - 48	15	CE-42-B-3	22
2-SW	35	ACM-W	2	CBT-24B	28	CE-48B	22
40-LDA	51	ACM-W	5	CBT-24B-3	28	CE-48-B-3	22
40-LDF-TE	39	ACM-W	7	CBT-30B	28	CEFP-12	29
45-MAG-W	53	ACM-W	8	CBT-30B-3	28	CEFP-16	29
52-TLP-A	52	ACM-WK	2	CBT-36B	28	CEFP-18	29
55-BH-701A	53	ACM-WK	4	CBT-36B-3	28	CEFP-20	29
55-BP-701A	53	ACM-WK	5	CBT-42B	28	CEFP-24	29
55-VCX-701B	53	ACM-WK	7	CBT-42B-3	28	CEFP-30	29
5-BH-701A	53	ACM-WK	8	CBT-48B	28	CEFP-36	29
60-LDA	51	ACU 20-P	7	CBT-48B-3	28	CEFP-42	29
60-LDF-TE	39	ACU 20-W	7	CD-18	34	CEFP-48	29
66-BH-701A	53	ACU 24-C	6	CD-24	34	CEFP-60	29
66-BP-701A	53	ACU 24-CJR	3	CD-30	34	CES 12	27
66-FTT26-701B	53	ACU 24-I	6	CD-36	34	CES 16	27
66-VCX-701B	53	ACU 24-IJR	3	CD-42	34	CES 18	27
AC-24GB	7	ACU 24-P	6	CD-48	34	CES 20	27
AC-30GB	7	ACU 24-PJR	3	CD-54	34	CES 24	27
ACH 20	7	ACU 24-PO	6	CD-60	34	CES 30	27
ACH 24	5	ACU 24-S	6	CE 10-D	20	CES 36	27
ACH 24-EX1	8	ACU 24-SJR	3	CE 10-DS	19	CES 42	27
ACH 24-EX3	8	ACU 24-W	6	CE 10-DV	21	CES 48	27
ACH 24-O	5	ACU 24-WJR	3	CE 12-D	20	CES 60	27
ACH 30	5	ACU 24-WO	6	CE 12-DS	19	CES-10G	20
ACH 30-EX1	8	ACU 30-C	6	CE 12-DV	21	CES-10G	21
ACH 30-EX3	8	ACU 30-CJR	3	CE 14-D	20	CES-12G	20
ACH 30-O	5	ACU 30-I	6	CE 14-DS	19	CES-12G	21
ACH-24-TE3	8	ACU 30-IJR	3	CE 14-DV	21	CES-14G	20
ACH-30-TE3	8	ACU 30-P	6	CE 16-D	20	CES-14G	21
ACM-C	2	ACU 30-PJR	3	CE 16-DS	19	CES-16G	20
ACM-C	5	ACU 30-PO	6	CE 16-DV	21	CES-16G	21
ACM-C	7	ACU 30-S	6	CE 18-D	20	CES-18G	20
ACM-C	8	ACU 30-SJR	3	CE 18-DS	19	CES-18G	21
ACM-I	2	ACU 30-W	6	CE 18-DV	21	CES-20G	20
ACM-I	5	ACU 30-WJR	3	CE 20-D	20	CES-20G	21
ACM-I	7	ACU 30-WO	6	CE 20-DS	19	CE-24	22
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CES-30G	20	DKL-25-FLX	50	EHB36-1/3-3	23	EHD20-1-3	24
CES-30G	21	DKL-40VA-A	50	EHB36-1-3	23	EHD24-1	24
CES-36	22	DKL-40VA-ARM	51	EHB36-2	23	EHD24-1/2	24
CES-42	22	DKL-40VA-FL-A	50	EHB36-2-3	23	EHD24-1/2-3	24
CES-48	22	DKL-40VA-LED	50	EHB36-3/4	23	EHD24-1/3	24
CESM-24	27	DKL-40VA-MH-A	50	EHB36-3/4-3	23	EHD24-1/3-3	24
CESM-30	27	DKL-40VA-QH-A	50	EHB42-1	23	EHD24-1/4	24
CESM-36	27	DKL-40VA-SQH-B	50	EHB42-1 1/2	23	EHD24-1/4-3	24
CESM-42	27	DKL-60VA-A	50	EHB42-1 1/2-3	23	EHD24-1-3	24
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CESM-60	27	DKL-60VA-FL-A	50	EHB42-1/2-3	23	EHD24-2-3	24
CF-12	37	DKL-60VA-LED	50	EHB42-1/3	23	EHD24-3/4	24
CF-18	37	DKL-60VA-MH-A	50	EHB42-1/3-3	23	EHD24-3/4-3	24
CF-20	37	DKL-60VA-QH-A	50	EHB42-1-3	23	EHD24-3-3	24
C-FL-1	46	DKL-FL	39	EHB42-2	23	EHD30-1 1/2	24
C-FL-2	46	DKL-FL	51	EHB42-2-3	23	EHD30-1 1/2-3	24
CHR-56	36	DKL-INC	39	EHB42-3/4	23	EHD30-1/2	24
C-INC-1	46	DKL-INC	51	EHB42-3/4-3	23	EHD30-1/2-3	24
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