



TPI CORPORATION

America's Comfort Conditioning Company



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www.tpicorp.com

2018 ELECTRICAL PRODUCTS CATALOG



FANS

LIGHTS

VENTILATION, FANS, & INDUSTRIAL LIGHTING
INDUSTRIAL - COMMERCIAL - RESIDENTIAL

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TPI Corporation provides a limited warranty of materials and workmanship for a period of (i) ten (10) years for elements in 2900 Series baseboard heaters, (ii) two (2) years for Thermostats and Controls, (iii) five (5) years on HD and HDH series fans, (iv) three (3) years on UHP and IHP series fans, (v) and twelve (12) months for all other products, with the warranty period commencing on the original date of purchase. The TPI warranty is limited to materials manufactured and work performed by TPI Corporation, and does not include 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. For the name of your nearest authorized TPI Corporation service center, please write to TPI Corporation, P.O. Box 4973, Johnson City, Tennessee, 37602 or call 1-800-682-3398.

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. No parts or products will be accepted for repair or replacement without prior authorization from TPI Corporation and a return merchandise authority (RMA) number issued by TPI Corporation. 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 TPI Corporation assume any liability for secondary charges, expenses for installing or removal, freight or damages. There will be charges rendered for product repairs made after the warranty period has expired. Proof of purchase, including date, must accompany request for in-warranty service. This warranty gives you specific legal rights and you may have other rights, which may vary, from state to state.

Except for the limited warranty provided in the foregoing paragraph, all parts and products sold by TPI Corporation are sold 'as is', 'where is', and without any other warranty of any kind or nature, whether express, implied, or statutory and including, without limitation, any implied warranty of specific performance or merchantability.

Under no circumstances, even with respect to claims covered by the foregoing warranty, will TPI Corporation be responsible for any incidental, consequential, special, or punitive damages of any kind or nature arising from or related to the parts or products sold by TPI Corporation.

In any event, TPI Corporation's maximum liability shall not in any case exceed the purchase price for the part or product claimed to be defective.

You hereby expressly agree to waive any and all rights to a trial by jury with respect to any product manufactured or supplied by TPI Corporation.

Ventilation Products Warranty Coverage

Series HD or HDH fans	5 Years
Series UHP or IHP fans	3 Years
All other ventilation products	1 Year

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
- Made in U.S.A. with domestic and foreign components.

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



Intertek



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

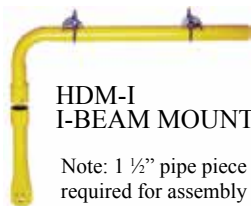
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

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



HDM-C
CEILING MOUNT

Note: 1 1/2" pipe piece required for assembly



HDM-I
I-BEAM MOUNT

Note: 1 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		VELOCITY PROFILE	AMPS	WT. (LBS)	HEAD LIST
MFG CATALOG NUMBER	MFG MODEL NUMBER				HIGH	LOW	CFM / Area Sq Ft			
08744402	HDH 24-JR	Yellow	24"	1/2	5600 / 1100	4900 / 800	7500 / 260	3.5	44	688
08744602	HDH 30-JR	Yellow	30"		6800 / 1100	6000 / 800	8000 / 270	4	48	707
08745002	HDH 24-GJR	Gray	24"		5600 / 1100	4900 / 800	7500 / 260	3.5	44	688
08745102	HDH 30-GJR	Gray	30"		6800 / 1100	6000 / 800	8000 / 270	4	48	707

*Measured 2 feet from face of fan

Accessories

MFG CATALOG NUMBER	MFG MODEL NUMBER	COLOR	DESCRIPTION	WT. (LBS)	LIST
07960902	HDM-P	Yellow	Heavy Duty Pedestal Mount	34	210
07961002	HDM-W	Yellow	Heavy Duty Wall Mount	3	83
07961102	HDM-I	Yellow	Heavy Duty I-Beam Mount	9	159
07961202	HDM-C	Yellow	Heavy Duty Ceiling Mount	3	92
07961802	ACM-P	Gray	Pedestal Mount	34	198
07961902	ACM-W	Gray	Wall Mount	3	77
07962002	ACM-I	Gray	I-Beam Mount	9	150
07962102	ACM-C	Gray	Ceiling Mount	3	83
07962202	ACM-S	Gray	Suspension Mount	2	68
08747202	RS 06-EC	Yellow	6' Extension cord used with drop down power switch	1	24
08747302	RS 09-EC	Yellow	9' Extension cord used with drop down power switch	1.5	26
08747402	RS 12-EC	Yellow	12' Extension cord used with drop down power switch	2	28
08772502	RS 15-EC	Yellow	15' Extension cord used with drop down power switch	2.5	31
08747502	SCK-12	---	12' Safety cable with clamps	.5	26
08747602	R1-MOT	Yellow	1/2 HP motor with remote switch	1	198
08681802	ACM-PM	Standard Black	Pole Mount	5	101
08681302	ACM-WK	Standard Black	Optional Wheel Kit	4	93

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
- Made in U.S.A. with domestic and foreign components.

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
- Ball bearing
- Frame size: 48
- Totally enclosed
- Permanent split capacitor
- Permanently lubricated
- 1/2" Shaft

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

Product Specifications

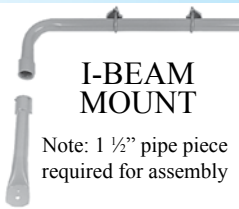
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

TPI Industrial Mounts



CEILING MOUNT

Note: 1 1/2" pipe piece required for assembly



I-BEAM MOUNT

Note: 1 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
MOTOR	HP	1/3			
	SPEEDS	2			
CFM (HIGH/LOW) RPM (HIGH/LOW)	24"	4300 / 3900 1100 / 800			2.8
	30"	5400 / 4700 1100 / 800			3.0
COLOR		GRAY			
POLE ADJUSTMENT		52" to 78"			
WARRANTY		3 YEARS			
SIZE	TYPE of MOUNT	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST
24"	Pedestal Mount	08745202	UHP 24-PJR	75	748
	Wall Mount	08745402	UHP 24-WJR	45	631
	I-Beam Mount	08745602	UHP 24-IJR	50	700
	Ceiling Mount	08745802	UHP 24-CJR	45	640
	Suspension Mount	08746002	UHP 24-SJR	43	626
30"	Pedestal Mount	08745302	UHP 30-PJR	78	765
	Wall Mount	08745502	UHP 30-WJR	48	652
	I-Beam Mount	08745702	UHP 30-IJR	53	719
	Ceiling Mount	08745902	UHP 30-CJR	48	659
	Suspension Mount	08746102	UHP 30-SJR	46	645

Accessories

MFG CATALOG NUMBER	MFG MODEL NUMBER	COLOR	DESCRIPTION	WT. (LBS)	LIST
08747202	RS 06-EC	Yellow	6' Extension cord used with drop down power switch	1	24
08747302	RS 09-EC	Yellow	9' Extension cord used with drop down power switch	1.5	26
08747402	RS 12-EC	Yellow	12' Extension cord used with drop down power switch	2	28
08772502	RS 15-EC	Yellow	15' Extension cord used with drop down power switch	2.5	31
08747502	SCK-12	----	12' Safety cable with clamps	.5	26
08747702	R2-MOT	Gray	1/3 HP motor with drop down remote switch	1	193

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
- Made in U.S.A. with domestic and foreign components.

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

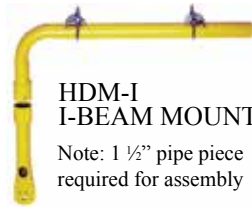


Factory Assembled and Tested Fan Heads, Mounts, and Wheel Kits



HDM-C
CEILING MOUNT

Note: 1 1/2" pipe piece
required for assembly



HDM-I
I-BEAM MOUNT

Note: 1 1/2" pipe piece
required for assembly



HDM-W
WALL MOUNT



OPTIONAL
WHEEL KIT

Standard Models

SIZE	CFM* / RPM		VELOCITY PROFILE	AMPS HIGH	FAN TYPE	FAN HEAD		MOUNT		WT. (LBS)	HEAD LIST	MOUNT LIST
	HIGH	LOW	CFM / Area Sq Ft			MFG CATALOG NUMBER	MFG MODEL NUMBER	MFG CATALOG NUMBER	MFG MODEL NUMBER			
24”	5600 / 1100	4900 / 800	7500 / 260	3.5	Fan Head	07960702	HDH 24	-----	-----	44	630	-----
					Pedestal Fan		HDH 24	07960902	HDM-P	78	630	210
					Wall Mount Fan		HDH 24	07961002	HDM-W	47	630	83
					I-Beam Mount Fan		HDH 24	07961102	HDM-I	53	630	159
					Ceiling Mount Fan		HDH 24	07961202	HDM-C	47	630	92
30”	6800 / 1100	6000 / 800	8000 / 270	4	Fan Head	07960802	HDH 30	-----	-----	48	644	-----
					Pedestal Fan		HDH 30	07960902	HDM-P	82	644	210
					Wall Mount Fan		HDH 30	07961002	HDM-W	51	644	83
					I-Beam Mount Fan		HDH 30	07961102	HDM-I	57	644	159
					Ceiling Mount Fan		HDH 30	07961202	HDM-C	51	644	92
Optional Wheel Kit								08681302	ACM-WK	4	----	93

*Measured 2 feet from face of fan

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
- Made in U.S.A. with domestic and foreign components.

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

Motor Specifications

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



ACH 30

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	MFG MODEL NUMBER	MFG CATALOG NUMBER	FAN HEAD TYPE	CFM*	VELOCITY PROFILE	RPM	AMPS	WT. (LBS)	LIST
						CFM / Area Sq Ft				
Industrial 1/4	24"	ACH 24	07961602	STATIONARY	3800 / 3400	6000 / 240	1100 / 800	2.5	40	361
	30"	ACH 30	07961702		4300 / 3800	7200 / 250	1100 / 800	2.7	44	374
1 Year Warranty										
High Performance 1/3	24"	IHP 24-H	07989802	STATIONARY	4300 / 3900	6000 / 240	1100 / 800	2.8	40	461
	30"	IHP 30-H	07989902		5400 / 4700	7200 / 250	1100 / 800	3	44	482
3 Year Warranty										
Heavy Duty 1/2	24"	HDH 24-G	08539202	STATIONARY	5600 / 4900	7500 / 260	1100 / 800	3.5	44	604
	30"	HDH 30-G	08528602		6800 / 6000	8000 / 270	1100 / 800	4	48	624
5 Year Warranty										
Industrial Oscillating 1/4	20"	ACH 20-O	08684802	OSCILLATING	3000 / 2600	5000 / 200	1100 / 900	2.4	43	488
	24"	ACH 24-O	07963602		3800 / 3400	6000 / 240	1100 / 800	2.5	44	556
	30"	ACH 30-O	07963702		4300 / 3800	7200 / 250	1100 / 800	2.7	48	576
1 Year Warranty										

*Measured 2 feet from face of fan

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	MFG MODEL NUMBER	MFG CATALOG NUMBER	WT. (LBS)	LIST
Pedestal (1/3 & 1/4HP Models)	ACM-P	07961802	34	198
Wall Mount	ACM-W	07961902	3	77
I-Beam Mount	ACM-I	07962002	9	150
Ceiling Mount	ACM-C	07962102	3	83
Suspension Mount	ACM-S	07962202	2	68
Pole Mount	ACM-PM	08681802	5	101
Optional Wheel Kit	ACM-WK	08681302	4	93

TPI Industrial Unassembled Circulators

6

Features

- Pull chain switch
- SJT type 3 conductor, 12' long cord
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- Motor, blades, guard, and mount are packed and shipped in a single UPS-able carton.
- Made in U.S.A. with domestic and foreign components.



WALL
MOUNT



PEDESTAL

Motor Specifications

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

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”	4300 / 3900 1100 / 800				2.8	3800 / 3400 1100 / 800				2.5	3800 / 3400 1100 / 800				2.5
	30”	5400 / 4700 1100 / 800				3.0	4300 / 3800 1100 / 800				2.7	4300 / 3800 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	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST			
24”	Pedestal Mount	07990002	UHP 24-P	75	624	07962302	ACU 24-P	75	465	07964002	ACU 24-PO	79	705			
	Wall Mount	07990202	UHP 24-W	45	509	07962402	ACU 24-W	45	387	07964102	ACU 24-WO	49	590			
30”	Pedestal Mount	07990102	UHP 30-P	73	644	07962802	ACU 30-P	73	478	07964202	ACU 30-PO	82	719			
	Wall Mount	07990602	UHP 30-W	48	528	07962902	ACU 30-W	48	401	07964302	ACU 30-WO	52	604			

TPI Industrial 20" Circulators



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
- Made in U.S.A. with domestic and foreign components.

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

MFG CATALOG NUMBER	MFG MODEL NUMBER	STYLE	MOUNT TYPE	CFM / RPM	AMPS (HIGH)	WT. (LBS.)	LIST
08681402	ACU 20-P	Unassembled all components and mount in one box	Pedestal Mount	3000 / 2600 1100 / 900	2.4	72	449
08681602	ACU 20-PO		Pedestal Mount			76	474
08681502	ACU 20-W		Wall Mount			42	339
08681702	ACU 20-WO		Wall Mount			46	364
08684702	ACH 20	Assembled Fan Head	None - use with any TPI "ACM" or "CACM" Mount			39	323

TPI Industrial Circulator Components

Motors

TYPE	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
HEAVY DUTY	07961302	HD-MOT	386
HIGH PERFORMANCE	07995102	IHP-MOT	271
INDUSTRIAL	07963302	AC-MOT	158
OSCILLATING	07964402	AC-MOT-O	367

Guards & Blades

TYPE	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
YELLOW GUARD & BLADE FOR 1/2 HP MOTOR			
24"	07961402	HD-24GB	218
30"	07961502	HD-30GB	238
SILVER GUARD & BLADE FOR 1/2 HP (HD) MOTOR			
24"	07964502	HD-24GB-C	192
30"	07964602	HD-30GB-C	210
SILVER GUARD & BLADE FOR 1/3HP & 1/4HP MOTORS			
24"	07963402	AC-24GB	163
30"	07963502	AC-30GB	184

Mounts

TYPE	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
YELLOW MOUNTS			
PEDESTAL POLE & BASE	07960902	HDM-P	210
WALL MOUNT	07961002	HDM-W	83
I-BEAM MOUNT	07961102	HDM-I	159
CEILING MOUNT	07961202	HDM-C	92
GRAY MOUNTS			
PEDESTAL POLE & BASE	07961802	ACM-P	198
WALL MOUNT	07961902	ACM-W	77
I-BEAM MOUNT	07962002	ACM-I	150
CEILING MOUNT	07962102	ACM-C	83
SUSPENSION MOUNT	07962202	ACM-S	68
POLE MOUNT	08681802	ACM-PM	101
WHEEL KIT	08681302	ACM-WK	93
COMMERCIAL MOUNTS			
PEDESTAL POLE & BASE	08697502	CACM-P	156
FDA WHITE MOUNTS (FOR USE WITH WASHDOWN FAN HEADS IN FOOD SERVICE APPLICATIONS)			
PEDESTAL POLE & BASE	08682502	WACM-P	195
WALL MOUNT	08682602	WACM-W	77

TPI Industrial Specialty Circulator Heads

8



*Listing applies to 277V models only.

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
- Made in U.S.A. with domestic and foreign components.

Motor Specifications

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

Standard Models

GENERAL DESCRIPTION	MFG MODEL NUMBER	MFG CATALOG NUMBER	SIZE	CFM*		VELOCITY PROFILE CFM / Area Sq Ft	MOTOR			AMPS (HIGH)					WT. (LBS)	LIST
				HIGH	LOW		HP	RPM	VOLTS	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	08551902	24"	4300		6000 / 240	1/4	1725	120 or 240 1-phase	5	2.6	----	----	----	66	1118
	ACH 30-EX1	08552002	30"	5400		7200 / 250			120 or 240 1-phase						69	1212
	ACH 24-EX3	08552102	24"	4300		6000 / 240			240 or 480 3-phase	----	----	----	1.4	0.7	66	1192
	ACH 30-EX3	08552202	30"	5400		7200 / 250			240 or 480 3-phase	----	----		1.4	0.7	69	1305
240V / 480V 3-Phase Unassembled Head	ACH 24-TE3	08552302	24"	4300		6000 / 240	1/4	1725	240 or 480 3-phase	----	----		1.4	0.7	45	770
	ACH 30-TE3	08552402	30"	5400		7200 / 250			240 or 480 3-phase	----	----		1.4	0.7	48	788
277 Volt Assembled Head	IHP 24-H-277	08541302	24"	4300	3900	6000 / 240	1/3	1125	277 1-phase	----	----	1	----	----	40	542
	IHP 30-H-277	08542202	30"	5400	4700	7200 / 250			277 1-phase	----	----		----	----	44	576
Wash down rated 120V / 240V 1-Phase Assembled Head	IHP 20-H-WD	08721902	20"	3200		5200 / 220	1/3	1725	120 or 240 1-phase	4.5	2.2		----	----	46	1030
	IHP 24-H-WD	08541802	24"	4300		6000 / 240			120 or 240 1-phase				----	----	48	1067
	IHP 30-H-WD	08541902	30"	5400		7200 / 250			120 or 240 1-phase				----	----	52	1103

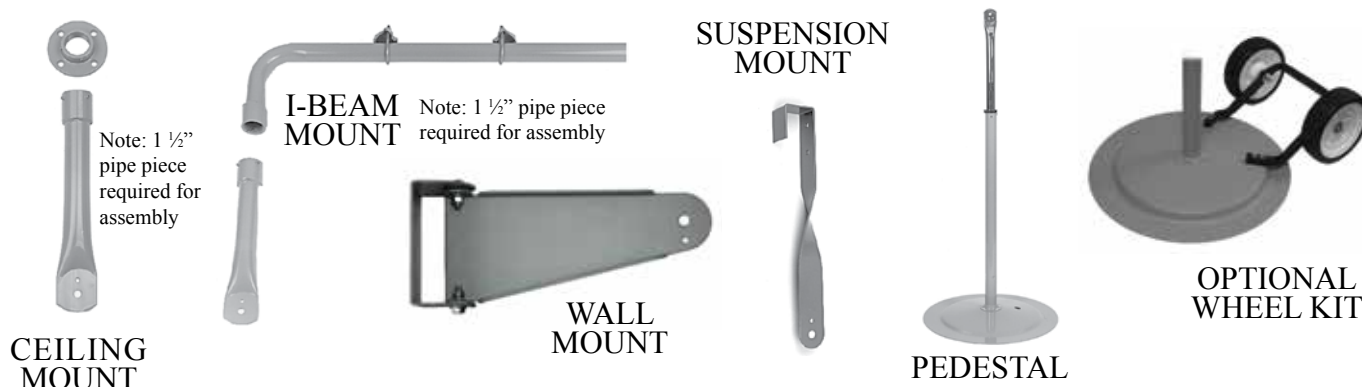
*Measured 2 feet from face of fan

Note: Wash down rated fan heads have heavy zinc coated guards - Use FDA white coated mounts shown on page 7 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	MFG MODEL NUMBER	MFG CATALOG NUMBER	WT. (LBS)	LIST
Pedestal	ACM-P	07961802	34	198
Wall Mount	ACM-W	07961902	3	77
I-Beam Mount	ACM-I	07962002	9	150
Ceiling Mount	ACM-C	07962102	3	83
Suspension Mount	ACM-S	07962202	2	68
Pole Mount	ACM-PM	08681802	5	101
Optional Wheel Kit	ACM-WK	08681302	4	93

TPI Commercial Circulators



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

9

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.
- Imported to TPI specifications

Motor Specifications

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	SIZE	HP	TYPE	MOUNT TYPE	CFM*			VELOCITY PROFILE	AMPS (HIGH)	WT. (LBS)	LIST
						HIGH	MED	LOW	CFM / Area Sq Ft			
08778002	CACU 20-P	20"	1/10	Standard	Pedestal Mount	1780	1600	1420	3300 / 125	1.4	52	260
08778102	CACU 20-W				Wall Mount						48	235
08706202	CACU 24-P	24"	1/4		Pedestal Mount	3400	3100	2800	5400 / 220	2.3	63	383
08706402	CACU 24-W				Wall Mount						43	328
08697402	CACU 30-P	30"			Pedestal Mount	4200	3800	3500	6700 / 240	2.4	66	423
08706302	CACU 30-W				Wall Mount						46	340
08761702	CACU 30-P-HD	30"	1/3	Heavy Duty	Pedestal Mount	5000	4600	4200	7000 / 250	3.60	56	492

*Measured 2 feet from face of fan

Note: Stocked models may differ in appearance from photograph

TPI Commercial Oscillating Fans

Commercial wall mount and pedestal fans now available from TPI.

Units imported to TPI specifications.

Standard Models



MFG CATALOG NUMBER	MFG MODEL NUMBER	SIZE	HP	TYPE	MOUNT TYPE	CFM*			VELOCITY PROFILE	AMPS			WT. (LBS)	LIST
						HIGH	MED	LOW	CFM / Area Sq Ft	HIGH	MED	LOW		
08748902	CACU 24-PO	24"	1/4	Standard	Pedestal Mount	3200	3000	2800	5100 / 230	1.45	1.15	1.1	68	453
08749102	CACU 24-WO				Wall Mount								48	387
08749002	CACU 30-PO	30"			Pedestal Mount	4200	3800	3500	6700 / 250	2.0	1.8	1.6	70	475
08749202	CACU 30-WO				Wall Mount								51	420
08761802	CACU 30-PO-HD	30"	1/3	Heavy Duty	Pedestal Mount	5000	4600	4200	7000 / 250	3.60	3.02	2.94	64	608

*Measured 2 feet from face of fan

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

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

10



Features

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

Motor Specification

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	CFM*		VELOCITY PROFILE	MAX AMPS	WT. (LBS)	LIST
			HIGH	LOW	CFM / Area Sq Ft			
08734702	CPB 36-B	1/3	5,400	4,600	8600 / 300	4.8	82	684
08706602	CPB 42-B	1/2	7,600	6,700	12000 / 320	6.5	93	878
08722702	CPB 48-B	3/4	8,800	7,700	14000 / 500	9.0	129	1187

*Measured 2 feet from face of fan

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

24", 30", & 36" TPI Commercial Direct Drive Portable Blowers



SWIVEL

CPBS 30-D



FLOOR

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
- Imported to TPI specifications

Motor Specification

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	CFM*		VELOCITY PROFILE	MAX AMPS	CORD LENGTH	SWITCH	BLADES	WT. (LBS)	LIST
			HIGH	LOW	CFM / Area Sq Ft						
08753502	CPB 30-D	Standard / Floor	4,400	3,800	6700 / 250	3.6	6'	ROCKER	ALUMINUM	52	507
08710302	CPBS 30-D	Standard / Swivel	4,400	3,800	6700 / 250	3.6	6'	ROCKER	ALUMINUM	60	577
08722602	CPB 36-D	Standard / Floor	5,400	4,600	8500 / 300	3.6	10'	ROTARY	STEEL	70	628
08770102	CPBS 24-DHV	High Velocity / Swivel	3,400	2,900	5400 / 240	2.4	9'	ROTARY	ALUMINUM	38	451

*Measured 2 feet from face of fan

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

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

11



STANDARD
MODEL



SWIVEL
MODEL



Features

- Comes in sizes 30", 36", & 42"
- Rocker switch
- SJT type 3 conductor, 12' long cord
- Aluminum, 3 paddle blade
- Spiral, wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- 36" & 42" swivel model rotates 130° in 12 1/2° increments and locks in place with a steel locking pin
- Meets OSHA standards
- 1 Year limited warranty
- Made in U.S.A.

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
- Totally enclosed

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN		WHEEL SIZE	MOTOR HP	CFM* / RPM		VELOCITY PROFILE CFM / Area Sq Ft	AMPS (HIGH)	WT. (LBS.)	LIST
		SIZE	TYPE			HIGH	LOW				
08743902	PB 30-D	30"	STANDARD	8"	1/4	4400	3800	7200 / 250	2.5	65	712
08744002	PBS 30-D	30"	SWIVEL	10"						70	848
08730402	PB 36-D	36"	STANDARD	8"	1/3	6500 / 1040	5400 / 950	11500 / 320	5.5	82	783
08730502	PBS 36-D	36"	SWIVEL	10"						110	1066
08730702	PB 42-D	42"	STANDARD	10"	1/2	9,000 / 825		15000 / 340	6.0	102	1101
08730802	PBS 42-D	42"	SWIVEL	10"						128	1351

*Measured 2 feet from face of fan

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 130° in 12 1/2° increments and locks in place with a steel locking pin
- Meets OSHA standards
- 1 Year limited warranty
- Made in U.S.A.

Motor Specifications

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

Features

MFG CATALOG NUMBER	MFG MODEL NUMBER	SIZE	FAN TYPE	MOTOR HP	CFM* \ RPM	VELOCITY PROFILE	AMPS (HIGH)	DIMENSIONS			WT. (LBS)	LIST
						CFM / Area Sq Ft		"H"	"D"	"W"		
07997802	PB 48-D-OP	48"	STANDARD	3/4	11,800 / 825	14000 / 360	10.3	58.5	29	55.5	117	1589
07998002	PBS 48-D-OP	48"	SWIVEL	3/4	11,800 / 825	14000 / 360	10.3	----	----	----	142	1814

*Measured 2 feet from face of fan

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

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

12



STANDARD
MODEL



SWIVEL
MODEL

Features

- Comes in sizes 36", 42", and 48"
- Rocker switch on 120V, Single Phase models
- SJT type 3 conductor, 12' long cord on 120V, Single Phase models / no cord on dual voltage models
- Aluminum, 4 paddle blade (48" PB / PBS have steel blade)
- Spiral, wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- 8" wheels (36" model), 10" wheels (42" & 48" models)
- Swivel model rotates 130° in 12 ½° 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
- Meets OSHA standards
- 1 year limited warranty
- Made in U.S.A.



CORDWRAP INCLUDED
WITH STANDARD MODEL

Motor Specifications

- 1-Speed
- Permanently lubricated
- Ball bearing

Standard Models

MOTOR LISTING	SIZE	MOTOR				CFM**	VELOCITY PROFILE	STANDARD MODEL				SWIVEL MODEL			
		TYPE	HP	RPM	AMPS		CFM / Area Sq Ft	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST
	36"	120 V 1 PH ODP	1/2	500	8.0	6,900	14000 / 360	07964702	PB 36-B	120	1164	07965002	PBS 36-B	145	1371
	42"		3/4	430	11.0	10,600	17500 / 420	07964802	PB 42-B	135	1330	07965102	PBS 42-B	160	1577
	48"		1	390	15.0	14,400	23500 / 550	07964902	PB 48-B	155	1492	07965202	PBS 48-B	180	1777
	36"	240/480 V 3 PH ODP	1/2	500	2.3 / 1.1	6,900	14000 / 360	08508602	PB 36-B-3	127	1569	08509202	PBS 36-B-3	152	1850
	42"		3/4	430	3.3 / 1.5	10,600	17500 / 420	08508702	PB 42-B-3	143	1760	08509302	PBS 42-B-3	168	2194
	48"		1	390	3.4 / 1.7	14,400	23500 / 550	08508802	PB 48-B-3	164	2003	08509402	PBS 48-B-3	189	2309
----	36"	120/240 V 1 PH EXP	1/2	500	7.8 / 3.9	6,900	14000 / 360	08508902	PB 36-B-HL*	135	2366	08509502	PBS 36-B-HL	160	2611
	42"		3/4	430	10.8 / 5.4	10,600	17500 / 420	08509002	PB 42-B-HL*	150	2490	08509602	PBS 42-B-HL	175	2975
	48"		1	390	13.2 / 6.6	14,400	23500 / 550	08509102	PB 48-B-HL*	173	2919	08509702	PBS 48-B-HL	198	3220

**Measured 2 feet from face of fan *Models have no listing.

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
- Made in U.S.A.

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	MFG CATALOG NUMBER	MFG MODEL NUMBER	CFM*		VELOCITY PROFILE	RPM HIGH	AMPS HIGH	WT. (LBS)	LIST
				HIGH	LOW	CFM / Area Sq Ft				
30"	1/4	08748802	SB 30-D	4,400	3,800	7200 / 250	1050	2.5	58	676
36"	1/3	08730602	SB 36-D	6,500	5,400	11500 / 320	1050	5.6	70	783
42"	1/2	08730902	SB 42-D	9,000		15000 / 340	825	7.9	99	1102

*Measured 2 feet from face of fan

TPI Industrial Belt Drive Suspension Blowers



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.
- Made in U.S.A.

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

MFG CATALOG NUMBER	MFG MODEL NUMBER	SIZE	MOTOR		CFM**	VELOCITY PROFILE	RPM	AMPS	WT. (LBS)	LIST
			TYPE	HP		CFM / Area Sq Ft				
07965502	SB 36-B	36"	115 V, 1 PH, ODP	1/2	6,900	14000 / 360	500	8	120	1121
07965602	SB 42-B	42"		3/4	10,600	17500 / 420	430	11	135	1278
07965702	SB 48-B	48"		1	14,400	23500 / 550	390	15	155	1435
08509802	SB 36-B-3	36"	230 / 460 V, 3 PH, ODP	1/2	6,900	14000 / 360	500	2.3 / 1.1	127	1496
08509902	SB 42-B-3	42"		3/4	10,600	17500 / 420	430	3.3 / 1.5	143	1811
08510002	SB 48-B-3	48"		1	14,400	23500 / 550	390	3.8 / 1.9	164	1906
08510102	SB 36-B-HL*	36"	115 / 230 V, 1 PH, EXP	1/2	6,900	14000 / 360	500	7.8 / 3.9	135	2366
08510202	SB 42-B-HL*	42"		3/4	10,600	17500 / 420	430	10.8 / 5.4	150	2690
08510302	SB 48-B-HL*	48"		1	14,400	23500 / 550	390	13.2 / 6.6	173	2919

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.

*Models have no listing.
**Measured 2 feet from face of fan

TPI Industrial Heavy Duty Direct Drive Blowers

14



Features

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

NOTE:

Single phase motors are field convertible 115V / 230V

Three phase motors are field convertible 230V / 460V

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

Standard Models

SIZE	MFG MODEL NUMBER	HP	RPM	CFM	DB's @ 10'	WT. (LBS)			LIST											
						STAND			TEC		EXP		TEC		EXP		TEC		EXP	
						LOW	MED	HIGH	1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH
MODEL NUMBER SUFFIXES									-L	-L-3	-L	-L-3	-M	-M-3	-M	-M-3	-H	-H-3	-H	-H-3
18"	MCD18-1/4	1/4	1725	3050	74	103	145	210	2814	2802	3239	3307	3469	3456	3887	3966	3785	3773	4213	8526
	MCD18-1/3	1/3	1725	3450	76	105	150	215	2910	2934	3463	3605	3563	3583	4116	4266	3881	3901	4439	8034
	MCD18-1	1	1725	4600	77	117	165	230	3283	3162	3893	3966	3943	3815	4542	4620	4259	4134	4865	4938
24"	MCD24-1/4	1/4	1725	5200	80	115	165	230	2880	2869	3295	3377	3618	3613	4031	4116	3876	3702	4290	4374
	MCD24-1/3	1/3	1140	5300	74	126	175	250	3342	3377	4248	4296	4079	4116	4984	5035	4337	4207	5243	5291
	MCD24-1/2	1/2	1725	6000	80	120	170	240	3120	3132	3769	3702	3858	3871	4505	4439	4116	3966	4763	4697
	MCD24-3/4	3/4	1140	6900	74	140	190	260	3984	3605	4517	4393	4722	4349	5256	5130	4979	4439	5513	5387
	MCD24-1	1	1725	7400	82	130	180	250	3385	3264	3989	4061	4122	4002	4727	4799	4380	4092	4984	5056
	MCD24-1 1/2	1.5	1725	8200	84	137	190	255	3577	3420	5286	4344	4314	4163	6023	5081	4572	4254	6281	5338
	MCD24-3	3	1725	10500	87	160	210	270	----	3733	----	4722	----	4470	----	5466	----	4566	----	5717
30"	MCD30-1/3	1/3	1140	6900	80	150	205	260	3666	3702	4572	4620	4475	4511	5382	5435	4799	4835	5699	5754
	MCD30-1/2	1/2	1725	8900	86	141	195	250	3449	3463	4098	4031	4266	4277	4912	4849	4585	4595	5230	5165
	MCD30-3/4	3/4	1140	10400	80	210	260	320	4219	3846	4746	4625	5027	4656	5562	5440	5346	4973	5879	5760
	MCD30-1	1	1140	11200	81	200	260	310	5056	4056	6030	4799	5873	4870	6844	5608	6190	5189	7162	5927
	MCD30-1 1/2	1.5	1725	12000	92	200	250	310	3893	3738	5603	4662	4703	4555	6419	5477	5020	4870	6736	5795
	MCD30-2	2	1140	14000	84	225	270	330	----	4337	----	5399	----	5153	----	6215	----	5471	----	6533
	MCD30-3	3	1725	16000	94	220	265	325	----	3971	----	4962	----	4787	----	5776	----	5107	----	6090
36"	MCD36-1	1	1140	13000	82	250	320	375	5711	4710	6683	5448	6713	5717	7690	6456	6924	5921	7894	6659
	MCD36-1 1/2	1.5	1725	14850	88	250	320	375	4517	4362	6226	5286	5520	5363	7229	6287	5729	5570	7439	6498
	MCD36-2	2	1140	17500	82	255	325	380	----	4818	----	5884	----	5825	----	6887	----	6030	----	7097
	MCD36-3	3	1725	18500	90	260	330	390	----	4602	----	5591	----	5603	----	6598	----	5812	----	6803
	MCD36-5	5	1725	23000	94	260	330	390	----	4680	----	5766	----	5680	----	6767	----	5884	----	6971
42"	MCD42-2	2	1140	19500	85	315	415	565	----	5531	----	6598	----	6598	----	7661	----	7019	----	8086
	MCD42-5	5	1725	27000	98	320	420	570	----	5387	----	6479	----	6456	----	7540	----	6880	----	7972
48"	MCD48-5	5	1140	32000	92	500	620	710	----	7307	----	9100	----	8482	----	10275	----	9230	----	11025
	MCD48-7 1/2	7.5	1140	37000	105	625	745	835	----	8482	----	11452	----	9659	----	12627	----	10407	----	13371
	MCD48-10	10	1140	41000	105	682	800	890	----	9927	----	12573	----	11102	----	13742	----	11848	----	14492
60"	MCD60-3	3	690	35000	87	690	855	965	----	15573	----	----	----	17791	----	----	----	18300	----	----
	MCD60-5	5	690	45000	87	730	895	1005	----	17514	----	----	----	19727	----	----	----	20243	----	----
	MCD60-7 1/2	7.5	870	47000	90	945	1110	1220	----	14678	----	----	----	16891	----	----	----	17401	----	----
	MCD60-10	10	870	57200	91	1035	1200	1310	----	18269	----	----	----	20484	----	----	----	20999	----	----
	MCD60-15	15	870	60750	92	1080	1245	1355	----	23896	----	----	----	26108	----	----	----	26623	----	----

Manual Starter Switches

MFG MODEL NUMBER		H.P. RATING	LIST PRICE	
1 PH	3 PH		TEC	
SW-1/4	SW-1/4-3	1/4-1/3	543	1295
SW-1/2	SW-1/2-3	1/2-3/4	543	1295
SW-1	SW-1-3	1	543	1295
SW-1 1/2	SW-1 1/2-3	1.5	1273	1295
-----	SW-2-3	2	-----	1295
-----	SW-3-3	3	-----	1295
-----	SW-5-3	5	-----	1295
-----	SW-7 1/2-3	7.5	-----	1229

Polyolifin Casters

MFG MODEL NUMBER	FAN SIZE	WHEEL SIZE	WT. (LBS)	LIST
CAS - 18	18" - 30"	4"	10	520
CAS - 48	36" - 48"	5"	14	732

(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

15

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	MFG MODEL NUMBER	HP	RPM	CFM	DB'S @ 10'	WT. (LBS)		LIST PRICE							
								1-WAY SWIVEL				2-WAY SWIVEL			
						1-WAY SWIVEL	2-WAY SWIVEL	TEC		EXP		TEC		EXP	
								1PH	3PH	1PH	3PH	1PH	3PH	1PH	3PH
MODEL NUMBER SUFFIXES								-T	-T-3	-T	-T-3	-S	-S-3	-S	-S-3
18"	MCD18-1/4	1/4	1725	3050	74	130	140	3733	3721	4151	4224	4684	4675	5112	5184
	MCD18-1/3	1/3	1725	3450	76	135	145	3829	3846	4380	4524	4782	4799	5338	5485
	MCD18-1	1	1725	4600	77	145	155	4199	4079	4805	4884	5158	5035	5766	5838
24"	MCD24-1/4	1/4	1725	5200	80	145	155	3846	3829	4259	4344	4849	4830	5256	5338
	MCD24-1/3	1/3	1140	5300	74	155	165	4307	4344	5214	5261	5303	5338	6210	6256
	MCD24-1/2	1/2	1725	6000	80	150	160	4086	4098	4733	4668	5081	5100	5729	5664
	MCD24-3/4	3/4	1140	6900	74	170	180	4949	4577	5485	5357	5946	5573	6479	6358
	MCD24-1	1	1725	7400	82	160	170	4349	4229	4956	5027	5346	5226	5952	6023
	MCD24-1 1/2	1.5	1725	8200	84	165	175	4535	4387	6250	5310	5536	5382	7246	6307
	MCD24-3	3	1725	10500	87	190	200	----	4697	----	5687	----	5693	----	6683
	MCD30-1/3	1/3	1140	6900	80	180	190	4668	4703	5573	5621	5772	5807	6671	6725
30"	MCD30-1/2	1/2	1725	8900	86	170	180	4452	4464	5107	5035	5557	5567	6204	6137
	MCD30-3/4	3/4	1140	10400	80	240	250	5220	4842	5754	5627	6318	5946	6852	6731
	MCD30-1	1	1140	11200	81	230	240	6059	5056	7037	5802	7162	6161	8135	6899
	MCD30-1 1/2	1.5	1725	12000	92	230	240	4896	4741	6605	5664	5999	5843	7707	6767
	MCD30-2	2	1140	14000	84	255	265	----	5338	----	6400	----	6443	----	7504
	MCD30-3	3	1725	16000	94	250	260	----	4973	----	5969	----	6070	----	7066
	MCD36-1	1	1140	13000	82	295	305	6959	5952	7931	6689	8325	7318	9298	8061
36"	MCD36-1 1/2	1.5	1725	14850	88	295	305	5754	5603	7470	6526	7172	6971	8835	7894
	MCD36-2	2	1140	17500	82	300	310	----	6059	----	7127	----	7434	----	8495
	MCD36-3	3	1725	18500	90	315	325	----	5843	----	6834	----	7210	----	8201
	MCD36-5	5	1725	23000	94	305	315	----	5915	----	7007	----	7290	----	8374

Exhaust Ventilation Guide

Minute air change chart for
Commercial and Industrial Applications.

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

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

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

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

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

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
- Made in U.S.A. with domestic and foreign components.

Motor Specifications

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN		CFM* / RPM		VELOCITY PROFILE CFM / Area Sq Ft	DIMENSIONS			AMPS (High)	WT. (LBS)	LIST
		TYPE	SIZE	HIGH	LOW		"H"	"W"	"D"			
08743502	MB 24-DF	FLOOR STYLE	24"	3300 / 1140	2900 / 1070	5200 / 240	29 ½"	28 ½"	14 ¼"	2.2	52	676
08743602	MB 24-DY	YOKE STYLE		29"	28 ½"		14 ¼"	52	676			
08743702	MB 30-DF	FLOOR STYLE	30"	4400 / 1040	3900 / 730	7000 / 250	38 ½"	37 ½"	14 ½"	2.5	58	747
08743802	MB 30-DY	YOKE STYLE		38"	37 ½"		14 ½"	58	747			
07989002	MBM-W	OPTIONAL WALL/CEILING MOUNT FOR YOKE STYLE MINI-BLOWER									4	137

*Measured 2 feet from face of fan

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
- Made in U.S.A.

Motor Specifications

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

Standard Models

SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR			CFM*	VELOCITY PROFILE CFM / Area Sq Ft	DIMENSIONS			WT. (LBS)	LIST
			HP	RPM	AMPS			"H"	"W"	"D"		
36"	08683602	PCBT 36-B	1/2	500	8.0	6,900	14,000 / 360	48 1/4"	28 1/4"	22 1/2"	120	1725
42"	08683702	PCBT 42-B	3/4	430	11.0	10,600	17,500 / 420	56 1/2"	34 1/4"	22 1/2"	140	2242
48"	08683802	PCBT 48-B	1	390	15.0	14,400	23,500 / 550	62 1/2"	40 1/4"	18 1/2"	185	2725

*Measured 2 feet from face of fan

Industrial Workstation Floor Fans

17



HIGH STAND



FLOOR MODEL

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
- Imported to TPI specifications.

Motor Specifications

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

Standard Models

SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN TYPE	MOTOR HP	CFM** / RPM			VELOCITY PROFILE CFM / Area Sq Ft	DIMENSIONS			MAX AMPS	WT. (LBS)	LIST
					HIGH	MED	LOW		"H"	"W"	"D"			
12"	07986102	F-12-TE	FLOOR MODEL	1/12	900 / 1590	800 / 1380	700 / 1080	1400 / 50	15 1/4"	14 1/2"	9 1/2"	1.1	13	152
18"	07972902	F-18-TE		1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	20 1/2"	20 1/2"	10 1/2"	1.5	20	191
24"	08528502	F-24-TE		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	26"	26"	10 1/2"	2.4	23	230
24"	08775402	F-24-TE-HV		1/4	3800 / 1100	3600 / 950	3400 / 800	6000 / 240	26"	26"	10 1/2"	2.7	25	260
18"	07973002	F-18H-TE*	HIGH STAND	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	53"	25"	27"	2.2	27	277
24"	08540602	F-24H-TE*		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	53"	30"	27"	2.4	30	310

**Measured 2 feet from face of fan

*Made in U.S.A. with domestic and foreign components.

Corrosion Resistant Industrial Workstation Fans

Features

- Pull chain switch
- Head tilts 360°
- FDA white coated steel guards
- SJTW type 3 conductor, 10' long cord
- Steel hub/spider aluminum paddle blades
- Corrosion resistant motor and switch
- Meets OSHA standards / 1 Year limited warranty
- Made in U.S.A. with domestic and foreign components.

Motor Specifications

- Sleeve bearing
- Totally enclosed
- 1-Phase, 120V
- 3-Speed
- Permanently lubricated
- Frame size: 42
- 1/2" Shaft
- Sealed electrical enclosure

Standard Models

SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN TYPE	MOTOR HP	CFM* / RPM			VELOCITY PROFILE CFM / Area Sq Ft	DIMENSIONS			MAX AMPS	WT. (LBS)	LIST
					HIGH	MED	LOW		"H"	"W"	"D"			
18"	08763202	F-18-CR	FLOOR MODEL	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	20 1/2"	20 1/2"	10 1/2"	1.5	20	399
24"	08763502	F-24-CR		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	26"	26"	10 1/2"	2.4	23	456
18"	08763302	F-18H-CR	HIGH STAND	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	53"	25"	27"	2.2	27	530
24"	08763602	F-24H-CR		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	53"	30"	27"	2.4	30	571
18"	08763102	U-18-CR	WALL/CEILING MODEL	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	21 1/2"	20 1/2"	10 1/2"	2.2	20	399
24"	08763402	U-24-CR		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	27"	26"	10 1/2"	2.4	23	456

*Measured 2 feet from face of fan



HIGH STAND



WALL/CEILING MODEL



FLOOR MODEL

Industrial Mounted Workstation Fans

18



FAN SIZE	DIMENSIONS		
	"H"	"W"	"D"
12"	15 1/4"	14 1/2"	9 1/2"
18"	21 1/2"	20 1/2"	10 1/2"
24"	27"	26"	10 1/2"

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
- Imported to TPI specifications

Motor Specifications

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

Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	CFM* / RPM			VELOCITY PROFILE	MAX AMPS	WT. (LBS)	LIST
				HIGH	MED	LOW				
12"	07986002	U-12-TE	1/12	900 / 1590	800 / 1380	700 / 1080	1400 / 50	1.1	13	159
18"	07972802	U-18-TE	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	2.2	20	196
24"	08540702	U-24-TE	1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	2.4	23	220
24"	08775502	U-24-TE-HV	1/4	3800 / 1100	3600 / 950	3400 / 800	6000 / 240	2.7	25	235

*Measured 2 feet from face of fan

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

Pipe Mount Adaptor

PIPE DIAMETER	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
1"	08512402	PM-1	54
1 1/2"	08512502	PM-1.5	59
2"	08512602	PM-2	65
2 1/2"	08512702	PM-2.5	70
3"	08512802	PM-3	77

TPI Commercial Floor Fans



CF-20

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
- Imported to TPI specifications



Motor Specification

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	SIZE	TYPE	MOTOR HP	CFM			MAX AMPS	WT. (LBS)	LIST
					HIGH	MED	LOW			
08723002	CF-12	12"	FLOOR	1/12	1050	875	750	0.6	10	89
08723102	CF-18	18"	FLOOR	1/5	1600	1480	1380	1.4	16	110
08706502	CF-20	20"	FLOOR	1/5	1725	1600	1480	1.9	18	152

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

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

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
- Imported to TPI specifications

Standard Models

SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN TYPE	SPEEDS	CFM HIGH	AMPS HIGH	WT. (LBS)	LIST
12"	08513002	ODF-12	DESK	3	860	0.4	5.4	76
16"	08513102	ODF-16	DESK	3	1530	0.5	8.5	89
16"	08513202	OSF-16	STAND	3	1530	0.5	15.5	112



Workstation Wall Mount Fan With Pivoting Arm

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

19



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
- Made in U.S.A. with domestic and foreign components.

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

MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN SIZE	ARM LENGTH	FAN CFM*			VELOCITY PROFILE CFM / Area Sq Ft	MAX AMPS	WT. (LBS)	LIST
				HIGH	MED	LOW				
08009102	24-LDF-TE	18"	24"	1800	1500	1300	2900 / 125	2.2	31	321
08009202	40-LDF-TE	18"	40"						38	400
08009302	60-LDF-TE	18"	60"						44	430

*Measured 2 feet from face of fan

Optional Modular Lights



DKL-INC mounted on 40-LDF-TE (above)

Light Features

- Plugs into embedded outlet in arm
- On/Off switch and wire guard included
- Bulb included with DKL-QH and DKL-FL
- Made in U.S.A. with domestic and foreign components.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	LIGHT HEAD TYPE	MAX WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS)	LIST
04465602	DKL-INC	Incandescent	300	3,700	2,000	5	82
04465702	DKL-QH	Quartz Halogen	500	11,000	2,000	6	123
04843302	DKL-FL	Fluorescent	55	3,000	10,000	7	191
04708602	DKL-LED	LED	12	960	50,000	5	281

Low Velocity "Special Application" Workstation Fan



WALL MOUNT

BENCH MOUNT

CEILING MOUNT

Features

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

Standard Models

SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	CFM* / RPM		VELOCITY PROFILE CFM / Area Sq Ft	AMPS HIGH	WT. (LBS)	LIST
				HIGH	LOW				
12"	08708902	N-12	1/12	800 / 1350	600 / 1000	1200 / 40	0.6	12	334

*Measured 2 feet from face of fan

Portable Workstation Evaporative Coolers

20



FRONT
Patented

Evap-Mini - Features

- Lowers temperatures up to 30°F
- Water level sight tube and sump drain
- ¾" garden hose connection for longer running
- Durable one-piece, rust free, leak-proof molded polyethylene housing
- Environmentally friendly efficient and effective
- 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

MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	UNIT VOLTS	UNIT AMPS	CFM (2 Speed)		EFFECTIVE SQ. FT.	INTERNAL WATER (Gallons)	DIMENSIONS H x W x D (Inches)	WT. (LBS)	LIST
					HIGH	LOW					
05397802	EVAP-Mini 700	1/3	20	5.6	3000	2400	700	16	38" x 29" x 25"	113	1852

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°

Hazardous Location - Standard Models



FRONT
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



CONTROL
Patented



Hazardous Location - Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	UNIT AMPS	CFM			EFFECTIVE SQ. FT.	INTERNAL WATER (Gallons)	DIMENSIONS H x W x D (Inches)	WT. (LBS)	LIST
				HIGH	MED	LOW					
08748302	EVAP36-HAZ	1/2	13.4	9600			2500	32	32 x 62 x 67	330	14830
08748502	EVAP48-HAZ	1	18	20000			4000	40	36 x 74 x 86	460	17946

Portable Evaporative Coolers

21



FRONT
Patented



FRONT
Patented



BACK
Patented

Features

- Liquid level indicator with automatic pump shut off
- When pump is deenergized, red LED indicator light is on
- Heavy duty casters
- Variable speed motors
- Built in handles for easy moving
- Two inch drain for convenient flushing and cleaning



BACK
Patented

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	EFFECTIVE SQ. FT.	CFM	VELOCITY (MPH)	INTERNAL WATER (Gallons)	FAN BLADE (Inches)	UNIT AMPS	WT. (LBS)	SPEEDS	DIMENSIONS H x W x D (Inches)	LIST
08774102	EVAP16HD	1,125	4,500	29	50	16	5.4	152	Variable	60.8 x 41.8 x 24.5	3413
08774202	EVAP24HD	2,125	8,500	24	55	24	9.2	213	Variable	69.8 x 54.9 x 32.5	4463
08774302	EVAP36HD	3,125	12,500	25	60	36	15	267	Variable	77 x 67 x 34.5	5471
08774402	EVAP48HD	5,625	22,500	26	65	48	20	375	Variable	89.4 x 78.8 x 40.3	7539

Replacement Media Pads



MFG CATALOG NUMBER	MFG MODEL NUMBER	CORRESPONDING EVAP UNITS	LIST*
08775002	PADEVAP-Mini700	EVAP Mini-700	226
08774802	PADEVAP16HD	EVAP16HD	410
08774702	PADEVAP24HD	EVAP24HD	617
08774602	PADEVAP36HD	EVAP36HD	824
08774502	PADEVAP48HD	EVAP48HD	1030

*Pricing is for complete set

Portable 18" Self Contained Power Mister

22



PM-18C



PM-18S



PM-18FO

Note: Tank lid not included.

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
- Standard model - Low Pressure 85 PSI diaphragm pump
- HD model - Medium Pressure 125 PSI diaphragm pump
- Meets OSHA standards / 1 year limited warranty / Made in U.S.A.

Motor Specification

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN SIZE	TYPE	MOTOR HP	CFM*	AMPS	WT. (LBS)	VELOCITY PROFILE	LIST
								CFM / Area Sq Ft	
08554702	PM-18S	18"	HAND CARRY	1/10	1900	1.1	30	3100 / 140	1144
08775702	PM-18S-HD						76		1196
08554902	PM-18C	18"	CART	1/10	1900	1.1	30		1455
08775602	PM-18C-HD						76		1507
08760702	NK-PM18	---	REPLACEMENT NOZZLE KIT					---	27

*Measured 2 feet from face of fan

18" Fan & Pump Lid for 10gal. Tank

MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST
08555202	PM-18FO	28	981
08775802	PM-18FO-HD	28	1032

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
- Imported to TPI specifications

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	MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	SIZE	VOLTS	CFM	RPM	AMPS	WT. (LBS)	LIST
Commercial	08529602	CHR-56*	Down Draft	56"	120	7000	320	0.6	15	186
Industrial	07979902	IHR-48	Down Draft	48"	120	5000	320	0.53	14	250
Industrial	07971502	IHR-56	Down Draft	56"	120	7000	310	0.6	15	263
Industrial	07980002	IHR-56R*	Reversible	56"	120	7000	310	0.55	14	268
Industrial	08008902	IHR-56-277V*	Down Draft	56"	277	7000	310	0.3	16	268
Water and Dust Resistant Models										
Heavy Duty	08540802	HDHR-56WR	Down Draft	56"	120	7000	320	1.1	17	369
Heavy Duty	08540902	HDHR-60WR	Down Draft	60"	120	7800	320	0.8	21	416

* 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)

MFG CATALOG NUMBER	MFG MODEL NUMBER	VOLTS	MAX AMPS	VARIABLE CONTROL KNOB	REVERSING SWITCH	MAX # OF FANS	USE WITH CEILING FAN MODEL	LIST
07976302	KBWC-13K	120	3	YES; W/3" X 5" ALUMINUM PLATE (FITS 2" X 4" OPENING)	No	1-2	CHR-56, IHR-48/56, HDHR-56/60-WR	49
07976402	KBWC-15	120	5			3-5	CHR-56, IHR-48/56, HDHR-56/60-WR	116
07994102	KBWC-110K	120	10			6-10	CHR-56, IHR-48/56, HDHR-56/60-WR	169
08666802	KBWC-15SK	120	5		Yes	3-5	IHR-56R	156
08526502	KBWC-310K	277	10		No	6-10	IHR-56-277V	325

Options

MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	LIST
08512202	HR-GUARD	FOR 56" MODELS	1036
08504202	ADD SUFFIX; "X3"	36" DOWN ROD OPTION	+50 Adder

Shutter Mounted Direct Drive Exhaust Fans

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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
- Made in U.S.A. with domestic and foreign components.
- See sizing chart on page15

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

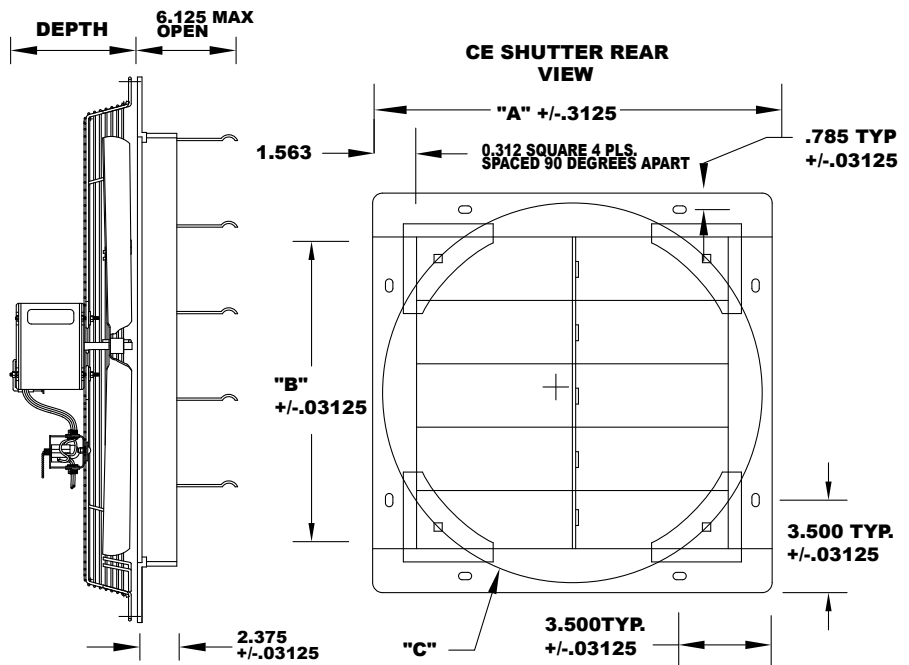


Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	HP	CFM / RPM			AMPS HIGH	WT. (LBS)	LIST
				HIGH	MED	LOW			
10"	08689902	CE 10-DS	1/12	680 / 1560	540 / 1250	460 / 1080	1	11	322
12"	07986202	CE 12-DS	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	16	364
14"	08690002	CE 14-DS	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	461
16"	08690102	CE 16-DS	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	482
18"	07986302	CE 18-DS	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	25	524
20"	08690202	CE 20-DS	1/4	2925 / 1140	-	2380 / 1070	2.3	34	621
24"	07986402	CE 24-DS	1/4	3400 / 1140	-	2770 / 1070	2.5	47	691
30"	07986502	CE 30-DS	1/4	3950 / 1140	-	3080 / 1070	2.7	54	865

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

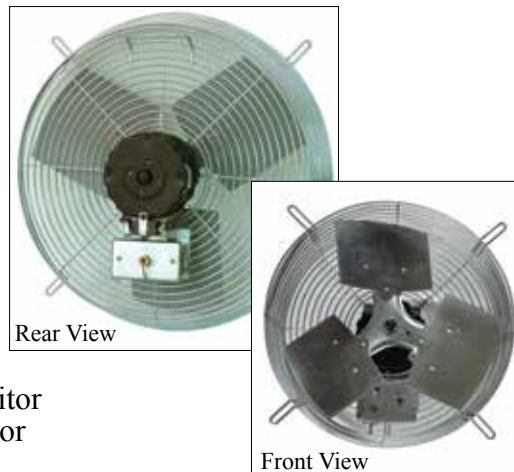
24

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
 - Made in U.S.A. with domestic and foreign components.
- 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

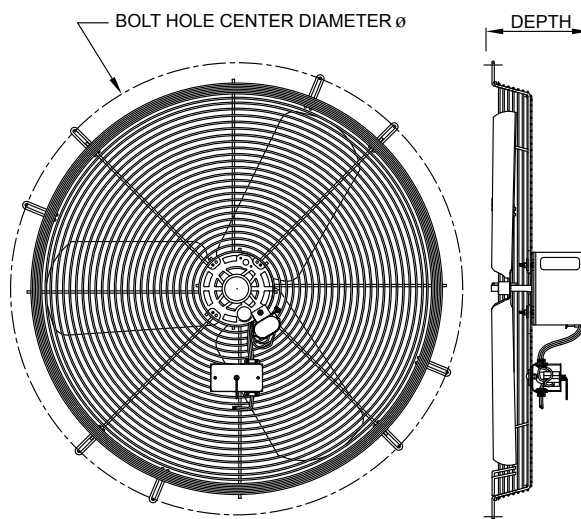


Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	HP	CFM / RPM			AMPS HIGH	WT. (LBS)	LIST
				HIGH	MED	LOW			
10"	08689502	CE 10-D	1/12	680 / 1560	540 / 1250	460 / 1080	1	11	273
12"	07985002	CE 12-D	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	12	308
14"	08689602	CE 14-D	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	327
16"	08689702	CE 16-D	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	343
18"	07984902	CE 18-D	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	19	377
20"	08689802	CE 20-D	1/4	2925 / 1140	-	2380 / 1070	2.3	34	489
24"	07984802	CE 24-D	1/4	3400 / 1140	-	2770 / 1070	2.5	38	544
30"	07984702	CE 30-D	1/4	3950 / 1140	-	3080 / 1070	2.7	42	634

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	MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST
10"	08684302	CES-10G	5	73
12"	07985502	CES-12G	5.5	101
14"	08684502	CES-14G	6.5	123
16"	08514702	CES-16G	8	143
18"	07985602	CES-18G	9	173
20"	07975202	CES-20G	10	193
24"	07985702	CES-24G	13	214
30"	07985802	CES-30G	19	250

Venturi Mounted Direct Drive Exhaust Fans

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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
- Made in U.S.A. with domestic and foreign components.

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

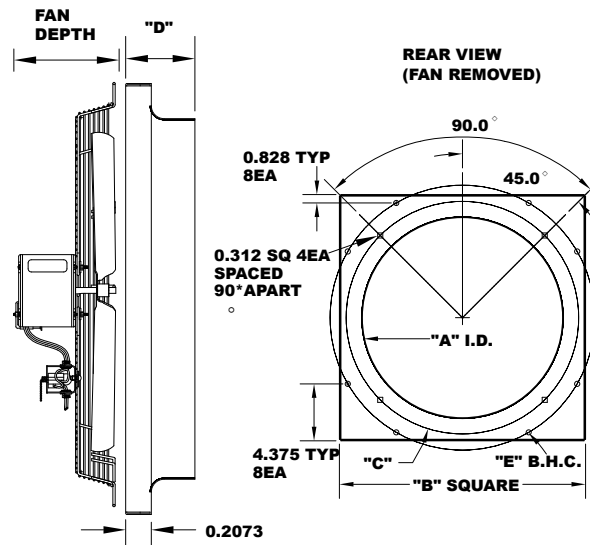


Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	HP	CFM / RPM			AMPS HIGH	WT. (LBS)	LIST
				HIGH	MED	LOW			
10"	08690302	CE 10-DV	1/12	680 / 1560	540 / 1250	460 / 1080	1	11	322
12"	07986602	CE 12-DV	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	17	363
14"	08690402	CE 14-DV	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	461
16"	08690502	CE 16-DV	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	482
18"	07986702	CE 18-DV	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	26	524
20"	08690602	CE 20-DV	1/4	2925 / 1140	-	2380 / 1070	2.3	34	621
24"	07986802	CE 24-DV	1/4	3400 / 1140	-	2770 / 1070	2.5	48	691
30"	07986902	CE 30-DV	1/4	3950 / 1140	-	3080 / 1070	2.7	55	865

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	MFG CATALOG NUMBER	MFG MODEL NUMBER	DIMENSIONS		WT. (LBS)	LIST
			WIDTH	LENGTH		
10"	08684302	CES-10G	13.13"	13.13"	5.0	73
12"	07985502	CES-12G	15.13"	15.13"	5.5	101
14"	08684502	CES-14G	17.13"	17.13"	6.5	123
16"	08514702	CES-16G	19.00"	19.00"	8.0	143
18"	07985602	CES-18G	21.13"	21.13"	9.0	173
20"	07975202	CES-20G	23.13"	23.13"	10.0	193
24"	07985702	CES-24G	27.13"	27.13"	13.0	214
30"	07985802	CES-30G	33.13"	33.13"	19.0	250

Commercial Exhaust Fans & Shutters

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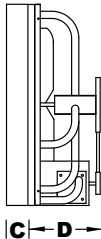
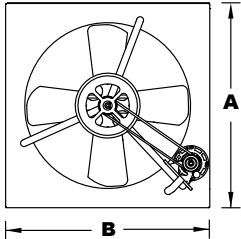
Belt-Drive Exhaust Fan

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 • $\frac{5}{8}$ " shaft
- 1 year warranty
- Made in U.S.A.



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			MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
24	1/3	5	1.9 / .9	3000	50	07967002	CE-24B	782	08510402	CE-24B-3	899
30	1/3	6	1.9 / .9	4500	60	07967102	CE-30B	881	08510502	CE-30B-3	1005
36	1/2	8	2.3 / 1.1	6900	65	07967202	CE-36B	1017	08510602	CE-36B-3	1137
42	3/4	11	3.3 / 1.5	10600	75	07967302	CE-42B	1277	08510702	CE-42-B-3	1583
48	1	15	3.8 / 1.9	14400	98	07967402	CE-48B	1595	08510802	CE-48-B-3	1687

Optional Exhaust Shutters



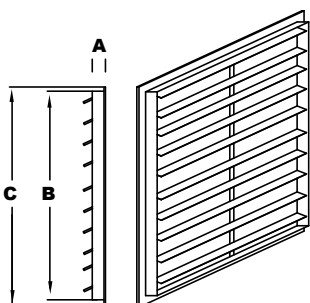
Features

- Air open - gravity close
- Aluminum frame
- Aluminum blade
- Weather stripping for tighter seal
- Made in U.S.A.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST
07967502	CES-24	11	263
07967602	CES-30	15	322
07967702	CES-36	19	563
07967802	CES-42	23	716
07967902	CES-48	28	825

Shutter Dimensions (Inches)



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

MFG MODEL NUMBER	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.

Industrial Direct Drive Exhaust Fans

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Features

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

Options

- CES Shutters
- EMF Front Guards
- IBG Rear Guards



Standard Models

BLADE SIZE	MFG MODEL NUMBER		PANEL SIZE (Sq.)	HP	RPM	CFM 0" SP	db's @ 10'	WT. (LBS)	LIST	
	1-PHASE	3-PHASE							TEC	
	115/230V-60Hz	208/230/460v-60Hz							1 PH	3 PH
12"	IED12-1/4	IED12-1/4-3	16"	1/4	1725	1480	64	30	1336	1341
16"	IED16-1/3	IED16-1/3-3	20"	1/3	1725	2834	73	40	1600	1632
18"	IED18-1/2	IED18-1/2-3	24"	1/2	1725	3890	74	55	1797	1812
20"	IED20-3/4	IED20-3/4-3	24"	3/4	1725	4574	77	65	2088	2088
24"	IED24-1	IED24-1-3	30"	1	1725	6632	81	155	2409	2279
30"	IED30-1	IED30-1-3	36"	1	1150	8600	79	185	4717	2730
36"	IED36-1 1/2	IED36-1 1/2-3	42"	1.5	1150	12103	82	260	5945	3653
42"	-----	IED42-2-3	48"	2	1150	17315	87	280	--	3916
48"	-----	IED48-3-3	54"	3	850	24280	86	360	--	5489

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.

Industrial Belt Drive Exhaust Fans

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Features

- Totally enclosed motors:
 - 1-Phase motors are field convertible 115V / 230V
 - 3-Phase motors are field convertible 230V / 460V
 - Motors are set to lower voltage at the factory, unless a request is made at time of order to set to the higher voltage
- 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	MFG MODEL NUMBER		PANEL SIZE (Sq.)	HP	RPM	CFM	db's @ 10'	WT. (LBS)	LIST	
	1-PHASE	3-PHASE							1 PH	3PH
	115/230V-60Hz	208/230/460v-60Hz								
24"	IE24-1/3	IE24-1/3-3	30"	1/3	825	5300	61	70	2321	2340
	IE24-1/2	IE24-1/2-3		1/2	925	6200	66	75	2397	2410
	IE24-3/4	IE24-3/4-3		3/4	1050	7000	71	82	2596	2437
	IE24-1	IE24-1-3		1	1175	7800	73	90	2623	2498
30"	IE30-1/3	IE30-1/3-3	36"	1/3	570	7500	62	95	2428	2446
	IE30-1/2	IE30-1/2-3		1/2	625	8500	64	95	2707	2524
	IE30-3/4	IE30-3/4-3		3/4	725	10000	66	105	2712	2559
	IE30-1	IE30-1-3		1	825	11000	70	115	2772	2646
36"	IE36-1/3	IE36-1/3-3	42"	1/3	425	9000	64	103	2672	2687
	IE36-1/2	IE36-1/2-3		1/2	500	10500	66	105	2753	2772
	IE36-3/4	IE36-3/4-3		3/4	575	11900	68	110	2995	2801
	IE36-1	IE36-1-3		1	650	13100	70	120	2980	2855
	IE36-1 1/2	IE36-1 1/2-3		1 1/2	750	15000	72	155	3406	3252
	IE36-2	IE36-2-3		2	830	16500	74	165	----	3318
42"	IE42-3/4	IE42-3/4-3	48"	3/4	430	14000	67	175	3341	3188
	IE42-1	IE42-1-3		1	490	15400	69	180	3365	3247
	IE42-1 1/2	IE42-1 1/2-3		1 1/2	550	17200	71	185	3525	3376
	IE42-2	IE42-2-3		2	620	19400	74	200	----	3850
	-----	IE42-3-3		3	700	22000	79	225	----	3982
48"	IE48-3/4	IE48-3/4-3	54"	3/4	350	17000	70	185	3655	3501
	IE48-1	IE48-1-3		1	400	19100	71	190	3681	3560
	IE48-1 1/2	IE48-1 1/2-3		1 1/2	460	22000	72	200	3834	3685
	IE48-2	IE48-2-3		2	520	24000	74	250	----	4290
	-----	IE48-3-3		3	590	27500	80	260	----	4422
	-----	IE48-5-3		5	660	30500	83	280	----	4456
60"	IE60-2	IE60-2-3	66"	2	320	31000	77	320	----	5969
	-----	IE60-3-3		3	370	35000	84	330	----	6100
	-----	IE60-5-3		5	420	39000	86	350	----	6152

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.

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	MFG MODEL NUMBER		PANEL SIZE (Sq.)	HP	RPM	CFM 0" SP	db's @ 10'	WT. (LBS)	LIST			
	1-PHASE	3-PHASE							TEC		EXP*	
	115/230V-60Hz	208/230/460v-60Hz							1 PH	3 PH	1 PH	3 PH
12"	EHD12-1/4	EHD12-1/4-3	16"	1/4	1725	1180	74	35	1692	1682	2119	2191
16"	EHD16-1/4	EHD16-1/4-3	20"	1/4	1725	2800	75	45	2064	2076	2492	2564
18"	EHD18-1/3	EHD18-1/3-3	24"	1/3	1725	3375	75	60	2191	2208	2749	2898
	EHD18-1/2	EHD18-1/2-3		1/2	1725	4150	76	60	2285	2300	2941	2910
20"	EHD20-1/4	EHD20-1/4-3		1/4	1725	3720	75	60	2094	2083	2527	2593
	EHD20-1/2	EHD20-1/2-3		1/2	1725	4800	76	65	2256	2275	2916	2886
	EHD20-1	EHD20-1-3		1	1725	6900	77	70	2521	2400	3150	3204
24"	EHD24-1/4	EHD24-1/4-3	30"	1/4	1725	5200	82	135	2221	2208	2651	2724
	EHD24-1/3	EHD24-1/3-3		1/3	1150	4975	75	145	2687	2724	3599	3649
	EHD24-1/2	EHD24-1/2-3		1/2	1725	6510	82	140	2460	2471	3115	3085
	EHD24-3/4	EHD24-3/4-3		3/4	1725	6900	83	145	2657	2507	3319	3157
	EHD24-1	EHD24-1-3		1	1725	7425	83	155	2730	2604	3361	3413
	EHD24-2	EHD24-2-3		2	1725	9525	83	165	3444	2826	---	3769
	-----	EHD24-3-3		3	1725	10500	85	170	---	3071	---	4079
30"	EHD30-1/3	EHD30-1/3-3	36"	1/3	1150	6950	79	145	2941	2977	3851	3907
	EHD30-1/2	EHD30-1/2-3		1/2	1725	8980	89	135	2737	2749	3391	3361
	EHD30-3/4	EHD30-3/4-3		3/4	1150	10440	79	175	3504	3127	4039	3918
	-----	EHD30-1-3		1	870	10640	74	215	---	3864	---	---
	EHD30-1 1/2	EHD30-1 1/2-3		1 1/2	1725	12000	89	165	3187	3030	4921	3966
	EHD30-2	EHD30-2-3		2	1150	14000	82	215	---	3613	---	4684
	-----	EHD30-3-3		3	1725	16000	89	190	---	3247	---	4248
36"	EHD36-1	EHD36-1-3	42"	1	1150	13600	84	225	5045	4030	6059	4782
	EHD36-2	EHD36-2-3		2	1150	17620	84	250	---	4151	---	5226
	-----	EHD36-3-3		3	1150	20500	85	255	---	4770	---	6035
	-----	EHD36-5-3		5	1725	28000	94	250	---	4002	---	5100
42"	-----	EHD42-1-3	48"	1	870	15800	82	300	---	4684	---	---
	EHD42-2	EHD42-2-3		2	1150	17964	88	260	---	4415	---	5490
	-----	EHD42-3-3		3	1150	24500	88	270	---	4962	---	6226
	-----	EHD42-5-3		5	1150	28970	88	285	---	5158	---	6964
48"	-----	EHD48-3-3	54"	3	1150	28600	92	290	---	5987	---	7253
	-----	EHD48-5-3		5	1150	32000	94	305	---	6270	---	8080
60"	-----	EHD60-3-3	66"	3	1150	40000	97	700	---	7434	---	8696
	-----	EHD60-5-3		5	1150	45000	97	730	---	8135	---	9947
	-----	EHD60-7 1/2-3		7 1/2	870	47000	92	740	---	10683	---	---
	-----	EHD60-10-3		10	870	57200	93	750	---	14317	---	---

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.

*Not all EXP motors are 208V capable.

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.

Heavy Duty Belt Drive Exhaust Fans

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Features

- Totally enclosed and explosion proof motors
 - Explosion proof motors are Class 1, Div 1 Group D and Class 2, Div 1, Groups F & G
- Fans are shipped completely assembled
- 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
- For optimum shutter efficiency, mount shutter $\frac{1}{3}$ the distance of the fan opening size. Example: 36" fan shutter would be mounted 12" from the fan blade.

Options

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



Standard Models

BLADE SIZE	MFG MODEL NUMBER		PANEL SIZE (Sq.)	HP	RPM	CFM 0" SP	db's @ 10"	WT. (LBS)	LIST			
	1-PHASE	3-PHASE							TEC		EXP*	
	115/230V-60Hz	208/230/460v-60Hz							1 PH	3 PH	1 PH	3 PH
24"	EHB24-1/4	EHB24-1/4-3	30"	1/4	780	4900	60	100	2797	2785	3800	3872
	EHB24-1/2	EHB24-1/2-3		1/2	980	6219	66	130	2959	2971	4183	4147
	EHB24-3/4	EHB24-3/4-3		3/4	1140	7090	71	140	3163	3000	4393	4230
	EHB24-1	EHB24-1-3		1	1250	7180	73	140	3368	3240	4440	4500
30"	EHB30-1/4	EHB30-1/4-3	36"	1/4	540	7178	61	140	2983	2971	4178	4250
	EHB30-1/3	EHB30-1/3-3		1/3	595	7909	63	150	3036	3055	4358	4506
	EHB30-1/2	EHB30-1/2-3		1/2	640	8507	64	155	3115	3127	4556	4525
	EHB30-3/4	EHB30-3/4-3		3/4	770	10235	66	165	3385	3223	4831	4668
	EHB30-1	EHB30-1-3		1	975	10668	70	170	3558	3434	4872	4934
	EHB30-1 1/2	EHB30-1 1/2-3		1 1/2	1140	12473	77	180	3713	3547	6149	5185
36"	EHB36-1/3	EHB36-1/3-3	42"	1/3	460	9113	64	160	3529	3547	4742	4891
	EHB36-1/2	EHB36-1/2-3		1/2	530	10500	66	180	3614	3625	5046	5011
	EHB36-3/4	EHB36-3/4-3		3/4	605	11985	68	200	3846	3692	5280	5119
	EHB36-1	EHB36-1-3		1	665	13174	70	200	3872	3743	5287	5340
	EHB36-1 1/2	EHB36-1 1/2-3		1 1/2	720	13660	72	210	4363	4207	6701	5731
	EHB36-2	EHB36-2-3		2	870	16554	74	215	4819	4314	----	5941
42"	EHB42-1/3	EHB42-1/3-3	48"	1/3	335	10614	64	205	3672	3692	5185	5334
	EHB42-1/2	EHB42-1/2-3		1/2	390	12343	65	210	3750	3764	5364	5340
	EHB42-3/4	EHB42-3/4-3		3/4	435	14040	67	225	3997	3841	5677	5507
	EHB42-1	EHB42-1-3		1	490	15429	69	230	4050	3923	5681	5731
	EHB42-1 1/2	EHB42-1 1/2-3		1 1/2	550	17420	71	240	4213	4057	6977	6006
	EHB42-2	EHB42-2-3		2	725	20653	74	245	4993	4488	----	6272
	----	EHB42-3-3		3	830	23645	79	250	----	4634	----	6468
	EHB48-1/2	EHB48-1/2-3	54"	1/2	330	15230	69	190	4639	4650	6450	6420
48"	EHB48-3/4	EHB48-3/4-3		3/4	370	17339	70	195	4866	4711	6840	6677
	EHB48-1	EHB48-1-3		1	410	19188	71	235	4897	4770	6845	6906
	EHB48-1 1/2	EHB48-1 1/2-3		1 1/2	465	21731	72	245	5094	4939	8130	7157
	EHB48-2	EHB48-2-3		2	520	24274	74	250	5911	5406	----	7390
	----	EHB48-3-3		3	680	28150	80	270	----	5563	----	7609
	----	EHB48-5-3		5	800	33160	83	285	----	5628	----	7757
	EHB60-1	EHB60-1-3	66"	1	280	23090	76	380	6828	6701	9251	9312
	EHB60-1 1/2	EHB60-1 1/2-3		1 1/2	340	28068	77	390	6990	6835	10542	9575
60"	EHB60-2	EHB60-2-3		2	390	32200	78	395	7405	6900	----	9702
	----	EHB60-3-3		3	450	37183	84	410	----	7236	----	10019
	----	EHB60-5-3		5	540	44600	86	420	----	7291	----	10163

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.

*Not all EXP motors are 208V capable.

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.

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: $\frac{5}{8}$ "
- Ships fully assembled
- Meets OSHA Standards
- 1 year warranty
- Made in U.S.A.



Standard Models

SIZE	MOTOR	AMPS		CFM	WT. (LBS)	115V 1-PHASE			230 / 460V 3-PHASE		
		HP	115V			230/460V	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST	MFG CATALOG NUMBER	MFG MODEL NUMBER
24	1/3	5	1.9 / .9	3000	100	08683902	CBT-24B	1655	08685202	CBT-24B-3	1759
30	1/3	6	1.9 / .9	4500	120	08684002	CBT-30B	1863	08685302	CBT-30B-3	1999
36	1/2	8	2.3 / 1.1	6900	135	08684102	CBT-36B	2103	08685402	CBT-36B-3	2276
42	3/4	11	3.3 / 1.5	10600	155	08684202	CBT-42B	2586	08685502	CBT-42B-3	2791
48	1	15	3.8 / 1.9	14400	200	08685102	CBT-48B	3205	08685002	CBT-48B-3	3413

Dimensions

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

Exhaust Fan Accessories - Heavy Duty Exhaust Shutter

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Features

- Air open - Gravity close
- Aluminum construction
- Heavy duty blades
- Weather stripping for tighter seal
- For optimum shutter efficiency, mount shutter $\frac{1}{3}$ the distance of the fan opening size. Example: 36" fan shutter would be mounted 12" from the fan blade.
- Shutter should be sized to fit exhaust opening

Standard Models

FAN SIZE	MFG MODEL NUMBER	INSIDE FRAME DIMENSIONS	OUTSIDE FRAME DIMENSIONS	WT. (LBS)	LIST
12"	CES 12	12" x 12"	14" x 15"	4	153
16"	CES 16	16" x 16"	19" x 19"	7	184
18"	CES 18	18" x 18"	21" x 21"	8	211
20"	CES 20	20" x 20"	23" x 23"	9	216
24"	CES 24	24" x 24"	27" x 27"	11	263
30"	CES 30	30" x 30"	33" x 33"	15	322
36"	CES 36	36" x 36"	39" x 39"	19	563
42"	CES 42	42" x 42"	45" x 45"	23	716
48"	CES 48	48" x 48"	51" x 51"	28	825
54"	CES 54	54" x 54"	57" x 57"	39	932
60"	CES 60	60" x 60"	63" x 63"	47	1145



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

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WT. (LBS)	LIST
07971002	MK-1	For shutter sizes 12" thru 30" (Single Panel)	5	426
07971102	MK-2	For shutter sizes 36" thru 48" (Double Panel)	8	563
08777102	MK-3	For shutter sizes 54" thru 72" (Double Panel)	12	725

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	MFG MODEL NUMBER	ROUGH OPENING	OVERALL SIZE	WT. (LBS)	LIST
24"	CESM-24	24" x 24"	27" x 27"	15	1088
30"	CESM-30	30" x 30"	33" x 33"	18	1270
36"	CESM-36	36" x 36"	39" x 39"	21	1388
42"	CESM-42	42" x 42"	45" x 45"	35	2267
48"	CESM-48	48" x 48"	51" x 51"	42	3202
60"	CESM-60	60" x 60"	63" x 63"	56	3776



Rear Box Guard Bolt Together With Wire Guards



Features

- For IE, IED, EHB and EHD models
- ¼" Smaller than the panel size of the fan
- Meets OSHA requirements

Standard Models

MFG MODEL NUMBER	FITS FAN SIZE	LIST
IBG-24	24"	953
IBG-30	30"	1004
IBG-36	36"	1207
IBG-42	42"	1267
IBG-48	48"	1552
IBG-60	60"	2394

Rear Expanded Metal Box Guard



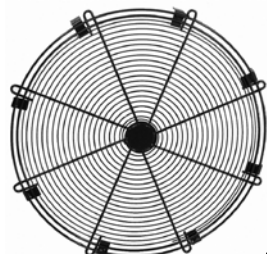
Features

- For IE, IED, EHB and EHD models
- ¼" Smaller than the panel size of the fan
- Meets OSHA requirements

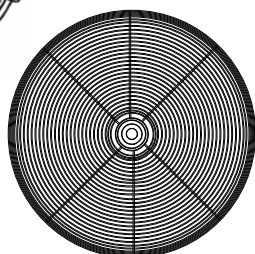
Standard Models

MFG MODEL NUMBER	FITS FAN SIZE	LIST
IBG-12	12"	584
IBG-16	16"	584
IBG-18	18"	647
IBG-20	20"	647

Spiral Front and Rear Guards



Spiral Front



Spiral Rear

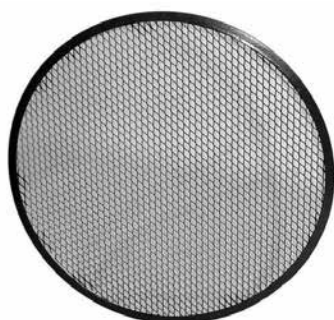
Features

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

Standard Models

MFG MODEL NUMBER	TYPE	FITS FAN SIZE	LIST
SF-12	SPIRAL FRONT	12"	321
SF-16		16"	343
SF-18		18"	380
SF-20		20"	391
SF-24		24"	420
SR-12	SPIRAL REAR	12"	332
SR-16		16"	354
SR-18		18"	391
SR-20		20"	404
SR-24		24"	434

Expanded Metal Front Guard



Expanded metal guard
60"

Features

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

Standard Models

MFG MODEL NUMBER	FITS FAN SIZE	LIST
EMF-12	12"	383
EMF-16	16"	397
EMF-20	20"	419
EMF-24	24"	441
EMF-30	30"	557
EMF-36	36"	690
EMF-42	42"	726
EMF-48	48"	792
EMF-60	60"	1194

Cabinet Exhaust Fan Package Option

With Bolt Together Rear Guard

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MFG MODEL NUMBER	FAN SIZE	LIST
CEFP-24	24"	1701
CEFP-30	30"	1920
CEFP-36	36"	2385
CEFP-42	42"	2742
CEFP-48	48"	3271



Features

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

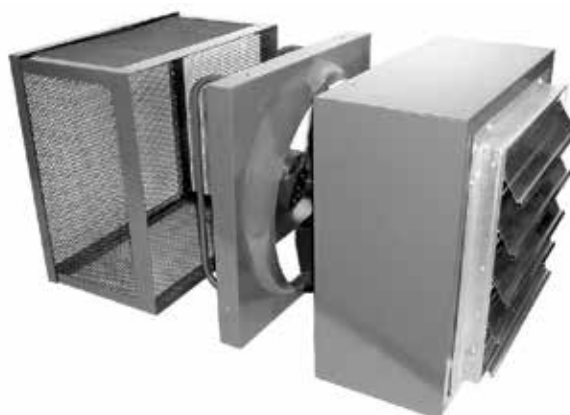
With Expanded Metal Rear Guard

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Standard Models

MFG MODEL NUMBER	FAN SIZE	LIST
CEFP-12	12"	1065
CEFP-16	16"	1137
CEFP-18	18"	1283
CEFP-20	20"	1331
CEFP-60	60"	4913



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

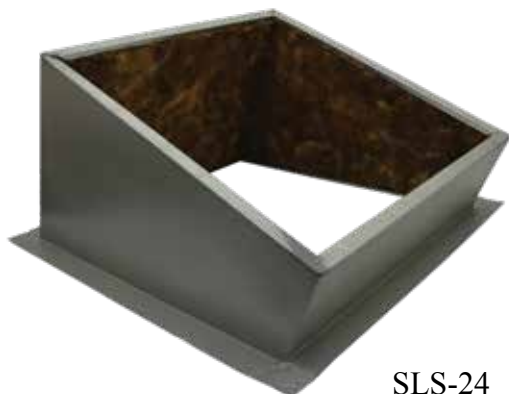
Features

- 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

MFG MODEL NUMBER	FAN SIZE	LIST
WH-12	12"	1069
WH-16	16"	1117
WH-18	18"	1139
WH-20	20"	1158
WH-24	24"	1648
WH-30	30"	1716
WH-36	36"	2128
WH-42	42"	2212
WH-48	48"	2559
WH-60	60"	3421





SLS-24

Features

- Used with UEB, UED, and RE roof ventilators
- For flat, single slope or ridge style roofs
- Galvanized steel construction
- 1 ½" insulated thickness, 3 pounds density
- 8" height overall
- Not for corrugated roofs

Standard Models

FAN	MFG MODEL NUMBER			BASE DIMENSION	OVERALL DIMENSION	LIST		
	FLAT	SLOPE	RIDGE			FLAT	SLOPE	RIDGE
18"	FLS-18	SLS-18	RDS-18	32" x 32"	44" x 44"	509	982	1158
24"	FLS-24	SLS-24	RDS-24	38" x 38"	50" x 50"	589	1124	1319
30"	FLS-30	SLS-30	RDS-30	44" x 44"	56" x 56"	665	1260	1489
36"	FLS-36	SLS-36	RDS-36	50" x 50"	62" x 62"	726	1381	1591
42"	FLS-42	SLS-42	RDS-42	56" x 56"	68" x 68"	800	1516	1794
48"	FLS-48	SLS-48	RDS-48	62" x 62"	74" x 74"	1077	2037	2415
54"	FLS-54	SLS-54	RDS-54	68" x 68"	80" x 80"	1165	2213	2620
60"	FLS-60	SLS-60	RDS-60	74" x 74"	86" x 86"	1273	2409	2850

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	MFG MODEL NUMBER	SHUTTER SIZE	LIST
18"	CD-18	28" x 28"	675
24"	CD-24	34" x 34"	787
30"	CD-30	40" x 40"	1085
36"	CD-36	46" x 46"	1342
42"	CD-42	52" x 52"	1481
48"	CD-48	58" x 58"	1797
54"	CD-54	64" x 64"	2254
60"	CD-60	70" x 70"	2450

Motor Kit for Dampers

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

MFG MODEL NUMBER	DESCRIPTION	WT. (LBS)	LIST
DMKP1	For shutter sizes 18" thru 36"	5	616
DMKP2	For shutter sizes 42" thru 60"	8	733

Belt Drive Hooded Roof Ventilators

36



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 208/230/460v	HP	RPM	C.F.M. - STATIC PRESSURE				Db's @ 10'	WT. (LBS)	LIST			
	MFG MODEL NUMBER				EXHAUST		INTAKE							
					1 PH	3 PH	1 PH	3 PH						
24"	RE24-1/4	RE24-1/4-3	1/4	780	4900	4222	2807	800	60	340	6414	6387	6414	6387
	RE24-1/2	RE24-1/2-3	1/2	980	6219	5716	5061	2600	66	350	6646	6578	6646	6578
	RE24-3/4	RE24-3/4-3	3/4	1140	7090	6648	6144	4413	71	360	6789	6681	6789	6681
	RE24-1	RE24-1-3	1	1250	7180	6696	6271	4464	73	365	7157	6954	7157	6954
30"	RE30-1/3	RE30-1/3-3	1/3	595	7909	6380	3617	767	60	385	7445	7404	7445	7404
	RE30-1/2	RE30-1/2-3	1/2	640	8507	7170	4486	1373	64	385	7559	7491	7559	7491
	RE30-3/4	RE30-3/4-3	3/4	770	10235	9192	7657	3833	66	400	7819	7711	7819	7711
	RE30-1	RE30-1-3	1	975	10668	9959	8626	5184	70	400	8079	7873	8079	7873
36"	RE30-1 1/2	RE30-1 1/2-3	1.5	1140	12473	11867	11112	8135	77	410	8242	7935	8242	7935
	RE36-1/3	RE36-1/3-3	1/3	460	9113	6992	3722	486	64	425	9021	8979	9021	8979
	RE36-1/2	RE36-1/2-3	1/2	530	10500	8821	5985	2084	66	425	9130	9061	9130	9061
	RE36-3/4	RE36-3/4-3	3/4	605	11985	10583	8563	4017	68	435	9313	9205	9313	9205
	RE36-1	RE36-1-3	1	665	13174	11932	10299	5729	70	440	9524	9319	9524	9319
	RE36-1 1/2	RE36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	440	9898	9558	9898	9558
42"	RE36-2	RE36-2-3	2	870	16554	15376	14088	9691	74	455	10636	10058	10636	10058
	RE42-1/2	RE42-1/2-3	1/2	390	12343	9352	4957	1642	65	540	10119	10049	10119	10049
	RE42-3/4	RE42-3/4-3	3/4	435	14040	11530	7633	3311	67	545	10473	10365	10473	10365
	RE42-1	RE42-1-3	1	490	15429	13194	10438	4668	69	555	10684	10480	10684	10480
	RE42-1 1/2	RE42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	560	10896	10555	10896	10555
	RE42-2	RE42-2-3	2	725	20653	19128	17503	11319	74	570	11559	10984	11559	10984
48"	-----	RE42-3-3	3	830	23645	22296	20984	17290	79	585	-----	11122	-----	11122
	RE48-3/4	RE48-3/4-3	3/4	370	17339	13700	7389	2244	70	650	12282	12173	12282	12173
	RE48-1	RE48-1-3	1	410	19188	16078	10903	4037	71	660	12499	12294	12499	12294
	RE48-1 1/2	RE48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	665	12690	12351	12690	12351
	RE48-2	RE48-2-3	2	520	24274	21943	19080	10125	74	680	13420	12841	13420	12841
	-----	RE48-3-3	3	680	28150	25683	23615	16930	80	700	-----	13003	-----	13003
54"	-----	RE48-5-3	5	800	33160	30900	29290	25000	83	720	-----	13106	-----	13106
	RE54-1	RE54-1-3	1	410	23130	20588	17500	9600	73	910	14873	14667	14873	14667
	RE54-1 1/2	RE54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	920	15173	14832	15173	14832
	RE54-2	RE54-2-3	2	480	27200	24312	20660	11010	76	930	15555	14975	15555	14975
	-----	RE54-3-3	3	550	31213	28722	25830	15420	77	940	-----	15248	-----	15248
60"	-----	RE54-5-3	5	660	37458	35238	32893	26538	80	960	-----	15363	-----	15363
	RE60-1	RE60-1-3	1	250	23090	19161	12850	-----	76	1150	15651	15446	15651	15446
	RE60-1 1/2	RE60-1 1/2-3	1.5	340	28068	23283	15624	8000	77	1150	16251	15909	16251	15909
	RE60-2	RE60-2-3	2	390	32200	26710	17924	9380	78	1200	16606	16027	16606	16027
	-----	RE60-3-3	3	450	37183	32356	25324	15013	84	1220	-----	16306	-----	16306
	-----	RE60-5-3	5	540	44600	41232	35819	23237	86	1240	-----	16408	-----	16408
	-----	RE60-7 1/2-3	7.5	620	50184	47603	43981	32880	89	1285	-----	16988	-----	16988

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

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 208/230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)	LIST			
	MFG MODEL NUMBER				TEC		EXP*							
					1 PH	3 PH	1 PH	3 PH						
18"	UED18-1/4	UED18-1/4-3	1/4	1140	2570	2263	1673	854	66	170	4777	4796	5100	5377
	UED18-1/3	UED18-1/3-3	1/3	1725	3375	3000	2600	1400	75	175	4419	4411	5107	5255
	UED18-1/2	UED18-1/2-3	1/2	1725	4133	3938	3724	3132	76	180	4539	4520	5233	5362
	UED18-1	UED18-1-3	1	1725	4600	4375	4080	3000	77	190	5059	4950	5767	5821
24"	UED24-1/4	UED24-1/4-3	1/4	1725	5200	4200	2820	----	75	240	4943	4966	5268	5544
	UED24-3/4	UED24-3/4-3	3/4	1140	6900	6450	6265	3300	76	260	5984	5740	6670	6617
	UED24-1	UED24-1-3	1	1725	7425	7000	6350	5000	83	280	5396	5301	6110	6177
	-----	UED24-3-3	3	1725	10500	9800	9500	8700	85	295	----	5693	----	6765
30"	UED30-3/4	UED30-3/4-3	3/4	1140	10440	9750	8750	6000	79	310	6265	5853	6954	6907
	-----	UED30-1-3	1	870	10800	10100	9100	6360	74	330	----	6805	----	----
	UED30-1 1/2	UED30-1 1/2-3	1.5	1140	10410	9686	8834	6420	81	325	8665	6415	----	7305
	UED30-2	UED30-2-3	2	1140	14000	13750	12900	10450	82	335	10446	6569	----	7520
	-----	UED30-3-3	3	1725	16000	15350	14700	12900	89	335	----	5997	----	7076
36"	UED36-2	UED36-2-3	2	1140	17620	16500	15200	12300	84	430	11619	7784	----	8733
	-----	UED36-3-3	3	1140	20500	19500	18500	15850	85	455	----	8254	----	9814
	-----	UED36-5-3	5	1140	22600	21700	20500	19000	87	465	----	8809	----	10568
42"	UED42-2	UED42-2-3	2	1140	17964	17277	15326	12351	88	500	12408	8590	----	9537
	-----	UED42-5-3	5	1140	28970	27960	26840	24200	89	500	----	9576	----	11331
48"	-----	UED48-3-3	3	1140	28600	26500	24400	20000	92	550	----	10338	----	11384
	-----	UED48-5-3	5	870	33000	31500	29750	25300	86	665	----	12340	----	----
	-----	UED48-7 1/2-3	7.5	1140	37000	35100	32800	28000	94	740	----	12396	----	14634
	-----	UED48-10-3	10	1140	41000	39200	38300	35400	95	875	----	13049	----	15430
60"	-----	UED60-5-3	5	870	45200	41500	37000	26000	90	940	----	16307	----	----
	-----	UED60-7 1/2-3	7.5	870	47000	45500	43600	38700	92	950	----	17445	----	----
	-----	UED60-10-3	10	690	54000	51900	49000	43200	87	960	----	29496	----	----

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

*Not all EXP motors are 208v capable.

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 Roof Ventilators

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Features

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

Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 208/230/460v	HP	RPM	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)	LIST	
	MFG MODEL NUMBER				0"	1/8"	1/4"	1/2"			TEC	
											1 PH	3 PH
24"	UEB24-1/3	UEB24-1/3-3	1/3	780	4900	4222	2807	800	64	300	5369	5362
	UEB24-1/2	UEB24-1/2-3	1/2	980	6219	5716	5661	2600	66	305	5531	5511
	UEB24-3/4	UEB24-3/4-3	3/4	1140	7090	6648	6144	4413	71	310	5719	5619
30"	UEB30-1/2	UEB30-1/2-3	1/2	640	8507	7170	4486	1373	64	350	5788	5767
	UEB30-3/4	UEB30-3/4-3	3/4	770	10235	9192	7657	3833	66	360	6098	5989
	UEB30-1	UEB30-1-3	1	975	10668	9959	8626	5184	70	370	6495	6433
36"	UEB36-1/2	UEB36-1/2-3	1/2	530	10500	8821	5985	2084	66	360	6839	6819
	UEB36-3/4	UEB36-3/4-3	3/4	605	11985	10583	8563	4017	68	370	7223	7116
	UEB36-1	UEB36-1-3	1	665	13174	11932	10299	5729	70	390	7492	7465
	UEB36-1 1/2	UEB36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	395	7802	7676
42"	UEB42-3/4	UEB42-3/4-3	3/4	435	14040	11530	7633	3311	67	455	7871	7763
	UEB42-1	UEB42-1-3	1	490	15429	13194	10438	4668	69	465	8202	8189
	UEB42-1 1/2	UEB42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	470	8687	8559
	UEB42-2	UEB42-2-3	2	725	20653	19128	17503	11319	74	485	9307	8964
	-----	UEB42-3-3	3	830	23645	22296	20984	17290	79	495	-----	9092
48"	UEB48-3/4	UEB48-3/4-3	3/4	370	17339	13700	7389	2244	70	505	9104	9003
	UEB48-1	UEB48-1-3	1	410	19188	16078	10903	4037	71	520	9380	9314
	UEB48-1 1/2	UEB48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	535	9543	9441
	UEB48-2	UEB48-2-3	2	520	24274	21943	19080	10125	74	545	10435	10117
	-----	UEB48-3-3	3	680	28150	25683	23615	16930	80	560	-----	10286
54"	UEB54-1	UEB54-1-3	1	410	23130	20588	17500	9600	73	870	12734	12625
	UEB54-1 1/2	UEB54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	880	13023	12909
	UEB54-2	UEB54-2-3	2	480	27200	24312	20660	11010	76	890	13387	13090
	-----	UEB54-3-3	3	550	31213	28722	25830	15420	80	900	-----	13556
	-----	UEB54-5-3	5	660	37458	35238	32843	26538	82	920	-----	13704
60"	UEB60-1 1/2	UEB60-1 1/2-3	1.5	340	28068	23203	15624	8000	78	940	13859	13744
	UEB60-2	UEB60-2-3	2	390	32200	26710	17924	9380	80	960	14163	13872
	-----	UEB60-3-3	3	450	37183	32356	25324	15013	84	985	-----	14593
	-----	UEB60-5-3	5	540	44600	41232	35819	23237	86	1000	-----	14729

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"

Tubeaxial Direct Drive Duct Fans



Features

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

Dimensions

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

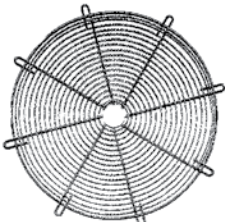
Options

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

Standard Models

BLADE SIZE	1-PHASE 115/230V	3-PHASE 230/460v	HP	RPM	BLADES	C.F.M - STATIC PRESSURE				Db's @ 10'	WT. (LBS)	LIST			
												TEC		EXP	
						0"	1/4"	1/2"	3/4"			1 PH	3 PH	1 PH	3 PH
12"	TXD12-1/4	TXD12-1/4-3	1/4	1725	4	1180	520	----	----	77	40	1709	1692	2126	2197
	TXD12-1/2	TXD12-1/2-3	1/2	3450	4	1875	1400	1250	1100	82	45	1757	1752	2375	2642
	TXD12-3/4	TXD12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	45	1823	1823	2535	2731
18"	TXD18-1/4	TXD18-1/4-3	1/4	1725	4	3450	2500	----	----	74	55	2019	2001	2433	2504
	TXD18-1/3	TXD18-1/3-3	1/3	1725	6	3375	2600	1400	----	75	65	2119	2137	2658	2808
	TXD18-1/2	TXD18-1/2-3	1/2	1725	6	4150	3150	1700	----	77	65	2202	2213	2844	2779
	TXD18-1	TXD18-1-3	1	1725	6	4600	4080	3000	2100	80	70	2482	2361	3098	3151
24"	TXD24-1/4	TXD24-1/4-3	1/4	1725	2	5200	2820	----	----	80	95	2213	2202	2631	2646
	TXD24-1/3	TXD24-1/3-3	1/3	1140	6	4975	4250	2850	----	74	110	2665	2707	3560	3615
	TXD24-1/2	TXD24-1/2-3	1/2	1725	4	6510	5200	3100	1800	80	115	2447	2458	3087	3021
	TXD24-3/4	TXD24-3/4-3	3/4	1140	6	6900	6265	3300	----	74	125	3305	2939	3829	3708
	TXD24-1	TXD24-1-3	1	1725	6	7425	6350	5000	3300	82	120	2712	2588	3330	3384
	TXD24-2	TXD24-2-3	2	1725	6	9525	8810	7980	6960	84	120	3283	2795	4574	3713
	-----	TXD24-3-3	3	1725	6	10500	9500	8700	7800	86	130	----	3039	----	4018
27"	TXD27-1/2	TXD27-1/2-3	1/2	1725	4	7550	6000	4000	2000	86	125	2672	2677	3305	3239
	TXD27-1	TXD27-1-3	1	1725	4	9600	8400	7050	4800	86	155	2895	2779	3513	3567
	TXD27-2	TXD27-2-3	2	1725	6	11500	10700	9300	8000	86	165	3531	3045	4823	3964
30"	TXD30-1/2	TXD30-1/2-3	1/2	1725	4	8980	6300	4350	2300	86	130	2779	2790	3419	3354
	TXD30-3/4	TXD30-3/4-3	3/4	1140	6	10440	8750	6000	----	80	150	3734	3365	4260	4153
	TXD30-2	TXD30-2-3	2	1725	6	12000	10450	8700	6000	89	155	3632	3145	4925	4064
	-----	TXD30-3-3	3	1725	6	16000	14700	12900	10200	89	175	----	3288	----	4272
34"	TXD34-1 1/2	TXD34-1 1/2-3	1.5	1725	4	13350	10000	7300	----	88	175	3734	3579	5429	4493
	TXD34-2	TXD34-2-3	2	1725	4	14850	12100	8800	4000	89	200	4135	3650	5429	4570
	-----	TXD34-3-3	3	1140	3	19300	17230	14800	11614	86	250	----	4728	----	5969
	-----	TXD34-5-3	5	1725	6	21000	18900	17500	14850	91	220	----	3886	----	4968
36"	TXD36-2	TXD36-2-3	2	1140	6	17620	15200	12300	8500	84	210	----	4053	----	5110
	-----	TXD36-3-3	3	1725	4	18500	15700	13900	11500	89	230	----	4510	----	5749
42"	-----	TXD42-1-3	1	870	4	15800	13480	5800	900	81	270	----	4901	----	----
	TXD42-2	TXD42-2-3	2	1140	4	17964	15326	12351	7600	87	260	----	4617	----	5666
	-----	TXD42-3-3	3	1140	4	24500	23000	19650	14000	87	260	----	5173	----	6414
	-----	TXD42-5-3	5	1140	4	28970	26840	24200	19500	87	300	----	5364	----	7138
48"	-----	TXD48-3-3	3	1140	4	28600	24400	20000	15900	94	290	----	6450	----	7689
	-----	TXD48-5-3	5	870	4	33000	29750	25300	18000	86	500	----	8200	----	----

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	MFG MODEL	LIST	FAN SIZE	MFG MODEL	LIST
12"	TXG-12	146	30"	TXG-30	199
15"	TXG-15	146	34"	TXG-34	254
18"	TXG-18	146	36"	TXG-36	262
24"	TXG-24	159	42"	TXG-42	288
27"	TXG-27	199	48"	TXG-48	376

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

Tubeaxial Belt Drive Duct Fans

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Features

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

Options

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

Standard Models

BLADE SIZE	1-PHASE 115/230V-60Hz	3-PHASE 230/460v-60Hz	HP	RPM	BLADES	C.F.M - STATIC PRESSURE				Db's @10'	WT (LBS)	LIST			
												TEC		EXP	
						0"	1/4"	1/2"	3/4"			1 PH	3 PH	1 PH	3 PH
	MFG MODEL NUMBER														
12"	TXB12-1/4	TXB12-1/4-3	1/4	2625	4	1444	1033	380	----	77	62	2305	2292	2738	2809
	TXB12-1/3	TXB12-1/3-3	1/3	2875	4	1586	1135	415	----	78	65	2351	2376	2916	3064
	TXB12-1/2	TXB12-1/2-3	1/2	3450	4	1875	1400	1250	1100	83	65	2351	2351	2897	3142
	TXB12-3/4	TXB12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	67	2560	2560	3094	3319
15"	TXB15-1/4	TXB15-1/4-3	1/4	2000	6	2600	1700		----	77	67	2536	2525	2968	3040
	TXB15-1/3	TXB15-1/3-3	1/3	2200	6	2950	2100	1000	----	78	69	2612	2632	3171	3319
	TXB15-1/2	TXB15-1/2-3	1/2	1890	6	3350	2650	1500	----	76	75	2690	2702	3355	3284
	TXB15-3/4	TXB15-3/4-3	3/4	2200	6	3900	3400	2700	1150	78	85	2927	2773	3592	3426
18"	TXB18-1/4	TXB18-1/4-3	1/4	1600	6	3050	2000		----	76	80	2678	2667	3111	3182
	TXB18-1/3	TXB18-1/3-3	1/3	1725	6	3375	2600	1400	----	77	85	2708	2749	3289	3438
	TXB18-1/2	TXB18-1/2-3	1/2	1890	6	3850	3100	2000	----	78	95	2809	2821	3473	3402
	TXB18-1	TXB18-1-3	1	1725	6	4600	4080	3000	2100	77	105	3205	3057	3816	3877
24"	TXB18-1 1/2	TXB18-1 1/2-3	1.5	1990	6	5350	4830	3950	3000	80	105	3355	3199	5107	4145
	TXB24-1/2	TXB24-1/2-3	1/2	1298	6	5643	4826	3500	----	78	120	3046	3057	3709	3638
	TXB24-3/4	TXB24-3/4-3	3/4	1600	6	6906	5900	4650	2750	80	130	3326	3171	3989	3823
	TXB24-1	TXB24-1-3	1	1725	6	7425	6350	5000	3300	84	140	3355	3224	3989	4049
	TXB24-1 1/2	TXB24-1 1/2-3	1.5	1540	6	8200	7650	6850	5500	81	145	4078	3923	5823	4867
	TXB24-2	TXB24-2-3	2	1600	6	9760	8830	8090	7000	82	170	4637	4138	5964	5081
	-----	TXB24-3-3	3	1725	6	10500	9500	8700	7800	86	190	----	4268	----	5284
	TXB27-3/4	TXB27-3/4-3	3/4	1250	6	8330	7550	6500	4650	78	150	4073	3912	4731	4571
27"	TXB27-1	TXB27-1-3	1	1400	6	9400	8480	7300	5200	82	155	4097	3971	4731	4785
	TXB27-1 1/2	TXB27-1 1/2-3	1.5	1600	6	10700	9700	8375	6000	84	170	4282	4125	6024	5062
	TXB27-2	TXB27-2-3	2	1350	6	11500	10700	9300	8000	81	210	4773	4273	6108	5224
	TXB30-1/2	TXB30-1/2-3	1/2	1140	4	8900	6660	2300	----	79	140	3851	3872	4517	4453
30"	TXB30-1	TXB30-1-3	1	1298	6	9867	7980	4120	----	82	150	4273	4150	4908	4969
	TXB30-1 1/2	TXB30-1 1/2-3	1.5	1035	6	11100	9700	7500	3500	78	165	4458	4303	6204	5248
	TXB30-2	TXB30-2-3	2	1176	6	12100	11000	9322	6700	81	215	4879	4381	6214	5331
	-----	TXB30-3-3	3	1350	6	13480	12498	11465	10380	84	215	----	4672	----	5680
	-----	TXB30-5-3	5	1650	6	16440	15242	13982	12659	88	230	----	4725	----	5830
	TXB34-1 1/2	TXB34-1 1/2-3	1.5	1170	6	13695	11100	6000	1015	82	190	5153	5000	6898	5936
34"	TXB34-2	TXB34-2-3	2	1027	6	14657	12590	10000	8000	81	240	5740	5242	7069	6190
	-----	TXB34-3-3	3	1175	6	17580	15896	14095	12000	85	260	----	5379	----	6387
	-----	TXB34-5-3	5	1416	6	20500	19000	17500	16000	88	305	----	5414	----	6529
	TXB42-1 1/2	TXB42-1 1/2-3	1.5	750	4	18960	14662	7200	----	78	250	6108	6138	8037	7076
42"	TXB42-2	TXB42-2-3	2	820	4	20700	17002	11400	4000	80	260	6539	6239	8073	7183
	-----	TXB42-3-3	3	890	4	23700	20200	16970	9950	82	260	----	6368	----	7377
	-----	TXB42-5-3	5	850	6	26900	24403	22250	18400	82	270	----	6701	----	7812
	-----	TXB48-5-3	5	800	6	33000	29000	25600	20000	85	375	----	9934	----	11046
48"	-----	TXB48-7 1/2-3	7.5	900	6	37000	34500	31000	27000	87	520	----	10552	----	12423

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 1/8"	18"
48"	48"	51"	49 1/8"	24"

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

Attic Fans

Power Attic Mount Dome Ventilator



Features

- 120V Motor / 1-Phase
- Automatic thermostat (60°-120°F)
- Insect and bird screen installed
- Black or brown painted finish or mill finish

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DOMES COLOR	SPEED	CFM .03 SP	VOLTS	HP	RPM	ATTIC SIZE / SQ. FT.*	WT. (LBS)	LIST
08664202	PDV-305-1MB-GY-G	Mill	1	1000	120	1/12	1050	Average/1600	19	182
08664302	PDV-305-1MB-BR-G	Brown	1	1000	120	1/12	1050	Average/1600	19	
08664402	PDV-305-1MB-BLK-G	Black	1	1000	120	1/12	1050	Average/1600	19	

*@ 4:12 Pitch Roof

Gable Exhaust Fan



Damper requires
16 1/2 x 16 1/2 opening

Features

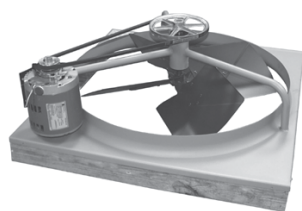
- 120V motor / 1-Phase
- Automatic adjustable thermostat (60°-120°F)
- Partially assembled (mounting tabs must be assembled)
- 14" blade diameter
- 4 mounting tabs on 16" centers

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	CFM .03 SP	ATTIC SIZE/ SQ. FT.*	WT. (LBS)	LIST
08663702	GV-405-2B-G	Gable Mount Ventilator	1540	Average/2400	13	142
08665202	AGD-1616B-G	White Aluminum Damper for GV-405-2	----	----	3	82

*@ 4:12 Pitch Roof

Belt Drive Wholehouse Fans



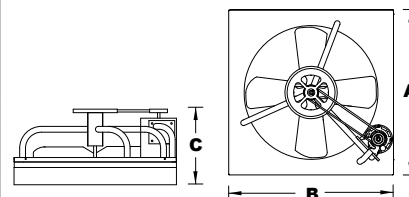
Features

- 120V, 1-Phase, 2-Speed motors
- Shutters automatically open when fan is turned on and close tightly when fan is turned off
- Made in U.S.A.

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

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	SIZE	SPEED	MOTOR HP	CFM @ .1 IN. H2O PRESSURE DROP w/ SHUTTER	FAN SPEED RPM	FAN MOUNTING DIMENSIONS (IN)			EXHAUST SQ. FT. REQ'D	AMPS	WT. (LBS)	LIST
							A	B	C				
07936202	BD24-2-WHS	24"	2	1/3	4500/2700	612/410	28	29.5	14.5	7	5.7/4.8	40	797
07936302	BD30-2-WHS	30"	2	1/3	7600/5800	520/350	34	35.5	14.5	9	6.9/5.5	50	856
07936402	BD36-2-WHS	36"	2	1/3	9675/6400	395/265	40	41.5	14.5	12	6.3/3.1	64	941



Fan Dimensions

Ceiling Shutters

MFG CATALOG NUMBER	MFG MODEL NUMBER	FIT HOLE SIZE (I.D.)	OUTSIDE SIZE (O.D.)	FAN SIZE	WT. (LBS)	LIST
07944802	CS-10-W	26X26	28X28	24"	8	146
07944602	CS-13-W	32X34	34X36	30"	10	153
07945302	CS-14-W	34X34	36X36	30"	10	160
07944702	CS-18-W	32X43	34X45	36"	11	174
07945202	CS-19-W	34X43	36X45	36"	11	188

Control Options

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WT. (LBS)	LIST
07927002	2-SW	2 Speed wall switch & plate	1	42
05000802	1A22-7	SP Close on rise (Attic Thermostat) (80°-130°F)	1	49

"Joist out style" (For replacement only)

Portable Utility Lights

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4 Sources of Light Sources



LED 37

- 30,000+ hour lamp life
- Safety glass front lens cover
- NEMA 4 rated enclosure
- Can be used with pedestal, cart, and tripod mounts only.
- Compliant with RoHS 2 Directive (2011/65/EU).

LED 1 & 2

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

Fluorescent

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

Quartz Halogen

- High light output
- Weatherproof aluminum die-cast light heads
- 500 Watt quartz bulbs (included).

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



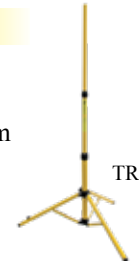
Cart Base

- 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

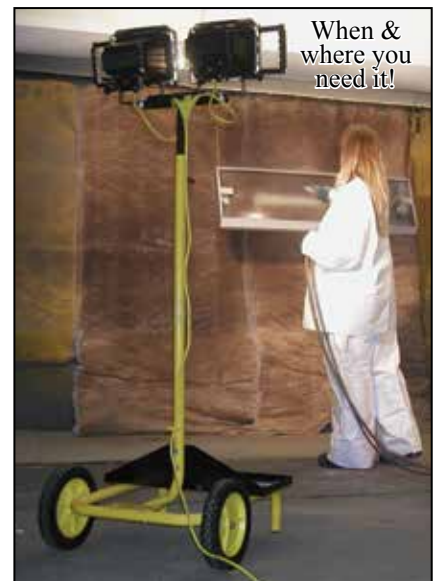
- 210 lb. magnetic strength
- 1/4" steel arm
- Extends 6" from mounting surface



Light Selection Chart & Illumination Levels

LIGHT SOURCE:	QUARTZ HALOGEN		FLUORESCENT		LED		LED 37		
# OF LIGHT HEADS	1	2	1	2	1	2	1	2	
MAX. WATTAGE	500	1,000	55	110	12	24	37	74	
MAX. LUMENS	11,000	22,000	3,000	6,000	960	1,920	2,373	4,746	
AVG. BULB LIFE (HRS.)	2,000		10,000		50,000		>30,000		
WIRE GUARD INCLUDED	Yes		Yes		Yes		No		
BULB INCLUDED	Yes		Yes		Yes		Yes		
LIGHT SOURCE ILLUMINATION LEVELS									
Measured Footcandles & Distance from Light Source (open area)	5' ft.	74.4	137.3	20.0	35.8	224.5	456.8	448.1	896
	10' ft.	36.1	65.9	8.7	14.8	121.4	258.8	299	598
	20' ft.	13.2	24.6	3.1	5.1	29.0	64.0	71	142
	30' ft.	6.6	12.3	1.7	2.5	14.2	31.4	34	68

Task Lighting...



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

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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
- Shade will swivel 300° horizontally and 210° vertically
- On/Off switch, bulb, and wire guard included on each light head
- Made in U.S.A. with domestic and foreign components

Lamp Specifications - LED & FL

- Aluminum shade is 9 3/8" long with 7 3/4" diameter opening and will swivel 300° horizontally and 210° vertically
- LED 1 & 2 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.
- FL models include a 55W spiral fluorescent bulb and internal reflector for maximum illumination at shorter distances.
- ETL C/US Listed for indoor & semi-protected outdoor use

Lamp Specifications - LED-37

- Lexan housing
- Safety glass front lens cover
- NEMA 4 rated enclosure
- Can be used with dock arm, pedestal, cart, and tripod bases only.
- Push button on-off switch
- 15' power cord
- Compliant with RoHS 2 Directive (2011/65/EU), that of which includes the application exemptions outlined in Annex III of the directive.



Lamp Specifications - QH

- QH models include a 500 Watt 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 indoor & semi-protected outdoor use



Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	DESCRIPTION	TOTAL MAX WATTS	# OF LIGHT HEADS	WT. (LBS)	LIST
04885402	LED-37-1*	LIGHthead	LED	37	1	6	350
04885302	LED-37-2*			74	2	10	709
04873602	LED-1		LED	12	1	6	298
04873702	LED-2			24	2	9	663
04803002	FL-1		FLUORESCENT	55	1	5	212
04803402	FL-2			110	2	8	530
04802902	QH-1		QUARTZ HALOGEN	500	1	5	133
04803302	QH-2			1000	2	10	224
04802702	PED	MOUNT / BASE	PEDESTAL	----	----	31	293
04802802	CRT		CART	----	----	27	255
04802302	TRI		TRIPOD	----	----	9	102
04802602	FLR		FLOOR	----	----	4	82
04802402	CLP		CLAMP	----	----	2	45
04802502	MAG		MAGNET	----	----	3	55

*Cannot be used with clamp-on mount

Individual Portable Light Components - Replacement Bulbs

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WATTS	USED WITH	WT. (LBS)	LIST
04850502	SSE-55	Fluorescent Bulb	55	ALL FL Light heads	1	56
04708502	LED-12	LED Bulb	12	ALL LED Light heads	1	113

LED Light Head with Mount



MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WATTS	WT. (LBS)	LIST
04888602	M-LED-37-1	LED with Magnet Mount	37	8	433
04888402	F-LED-37-1	LED with Floor Mount	37	9	405

Heavy Duty Portable Utility Lights

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PUL-1000Q-CD

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
- Made in U.S.A. with domestic and foreign components.



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

MFG CATALOG NUMBER	MFG MODEL NUMBER	BASE TYPE	BULBS	WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS)	LIST
04467802	PUL-1000Q-CD	CART	500W Quartz Halogen	1000	120	22,000	2,000	50	712
04468302	PUL-1000Q-TC	TRIPOD						41	751

Commercial Duty Portable Utility Lights

CL 300 (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 Watts
- 8' long - 18/3 SPT cordset with NEMA 5-15 plug
- Imported to TPI specifications.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	BASE TYPE	DESCRIPTION	MAX. WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE HOURS	WT. (LBS)	LIST
02804900	CL-300	CLIP-ON	LED	11	120	800	25,000	3	75

CL-300 is shipped in ONE carton. LED bulb included.

Light Head Features

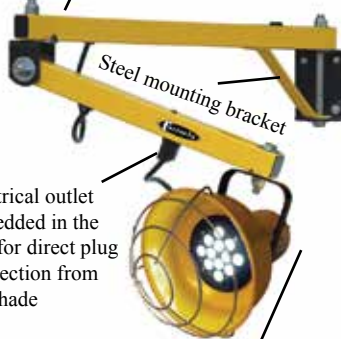


DKL-40VA-ARM
shown with LED-1
lighthouse



Intertek

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



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

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

- 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, 11-gauge, steel tubing
- 3" x 5" x 3/16" mounting plate attached with (4) 3/8" bolts (not supplied)
- (4) Lighting Sources to select from: incandescent, quartz halogen, LED, or fluorescent
- (2) Arm Lengths:
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
- Made in U.S.A. with domestic and foreign components

Light Selection Chart & Illumination Levels

DESCRIPTION		Incandescent	Quartz Halogen	LED	LED 37	Fluorescent
MAX. WATTAGE		300	500	12	37	55
MAX. LUMENS		3,700	11,000	960	2,373	3,000
AVG. BULB LIFE (HRS.)		2,000	2,000	50,000	30,000	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	299	9
	20' ft.	5	14	29	71	3
	30' ft.	3	8	14	34	2
	40' ft.	2	5	4	9	---
	50' ft.	---	3	3	8	---

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.
12W LED (Cool White)	121	29	14	3.7	3.2
37W LED (Cool White)	299	71	34	9	8
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

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

Standard Models (120 V)

Incandescent



Quartz



Fluorescent

MFG CATALOG NUMBER	MFG MODEL NUMBER	ARM LENGTH	# OF ARMS	MAX WATTS	WT. (LBS)	LIST
INCANDESCENT						
04466502	DKL-40VA-A	40"	2	300	14	207
04466602	DKL-60VA-A	60"	2		17	249
QUARTZ HALOGEN						
04467102	DKL-40VA-QH-A	40"	2	500	15	249
04467202	DKL-60VA-QH-A	60"	2		18	289
LED						
04708302	DKL-40VA-LED	40"	2	12	15	414
04708402	DKL-60VA-LED	60"	2		18	456
FLUORESCENT						
04850302	DKL-40VA-FL-A	40"	2	55	15	314
04850402	DKL-60VA-FL-A	60"	2		18	340

Note: Made in U.S.A. with domestic and foreign components

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

MFG CATALOG NUMBER	MFG MODEL NUMBER	ARM LENGTH	WATTS	VOLTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS)	LIST
03854002	DKL-25-FLX	25"	300	120	3,700	2000	7	219

*Bulb not included.

Light Head Accessories

Standard Models



LG-1



DLGS

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WATTS	USED WITH	WT. (LBS)	LIST
03313222	LG-1	Lamp Guard	-	INC, LED, or FL Fixtures	2	40
04887402	DLGS	Light Head Guard (Small)	-	LED-37	.5	46
04887502	DLGL	Light Head Guard (Large)	-	LED, FL, QH	1	57
04850502	SSE-55	Fluorescent Bulb	55	ALL FL Light heads	1	56
04708502	LED-12	LED Bulb	12	ALL LED Light heads	1	113

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

DLGS is shown with QH light head and 24" dock arm (sold separately)

Loading Dock Lights - Modular

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Modular Lights



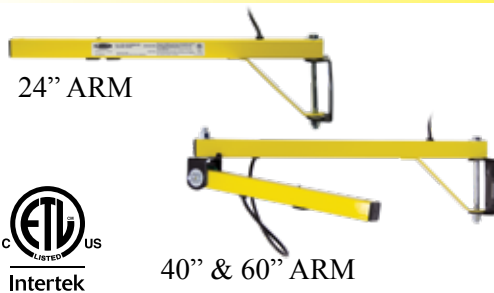
Features

- 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
- Imported to TPI specifications.
- DKL-LED-37 is compliant with ROHS 2 Directive (2011/65/EU), that of which includes the application exemptions outlined in Annex III of the directive.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	LIGHT HEAD TYPE	MAX WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	WT. (LBS)	LIST
04465602	DKL-INC	Incandescent	300	3,700	2,000	5	82
04465702	DKL-QH	Quartz Halogen	500	11,000	2,000	6	123
04708602	DKL-LED	LED	12	960	50,000	7	281
04881302	DKL-LED-37	LED	37	2,373	>30,000	5	330
04843302	DKL-FL	Fluorescent	55	3,000	10,000	7	191

Mounting Arms



24" ARM

40" & 60" ARM



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

Features

- 1 1/2" square, 11 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
- Made in U.S.A.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	ARM LENGTH	TOTAL # OF ARMS	WT. (LBS)	LIST
04465402	DKL-40VA-ARM	40"	2	18	129
04465502	DKL-60VA-ARM	60"	2	24	163
04465302	24-LDA	24"	1	11	101
04466102	40-LDA**	40"	3	18	174
04466202	60-LDA**	60"	3	24	202

**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.
- Imported to TPI specifications.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	CFM			AMPS HIGH	WT. (LBS)	LIST
		HIGH	MED	LOW			
07971802	LDF-18-TE	1800	1500	1300	2.2	20	200

Note: Must be used with LDA (Heavy Duty) mounting arms.

Machine Tool Lights

Water Resistant Fluorescent Tube Lights

48



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-TLP-IB-C includes a remote ballast, cordset, and on/off switch
- 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.
- Made in U.S.A.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WATTS	VOLTS	LUMENS	OVERALL LENGTH	TUBE MATERIAL	BALLAST INCLUDED	WT. (LBS)	LIST
02823200	21-TLP-IB-C	REMOTE BALLAST WITH CORDSET	36	120V	2900	21"	Polycarbonate	Yes	10	538
04829502	29-TLP-EOB-C	INTERNAL BALLAST WITH CORDSET	36	90 to 277V	2900	29"	Polycarbonate	Yes	7	455
04843402	29-TLP-A	REMOTE BALLAST	50	120V	4300	29"	Polycarbonate	Yes	7	483
04829302	23-TLP-24VDC	INTERNAL BALLAST	18	24VDC*	1250	23"	Polycarbonate	Yes	6	422

* Includes 2 ft. lead wires

Accessories - Replacement Lamps

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	USED WITH	WT. (LBS)	LIST
3103300	TL-RB-18	Fluorescent Replacement Bulb, 18W, PL-L	All 18 Watt Models	1	64
3100800	TL-RB-36	Fluorescent Replacement Bulb, 36W, PL-L	All 36 Watt Models	1	68
3108200	TL-RB-50	Fluorescent Replacement Bulb, 50W, PL-L	All 50 & 100 Watt Models	1	76

Heavy Duty Machine Tool Lights

Incandescent

49



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 29" to 38"
- 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
- LED bulb included
- Made in U.S.A.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	BULB TYPE	BULB DESCRIPTION	WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	OVER-ALL REACH	WT. (LBS)	LIST
03812101	55-VCX-701B	LED	60 Watt Equivalent	11	800	25,000	29"	6	225
03813101	66-VCX-701B						38"		234

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
- LED bulb included
- Imported to TPI specifications.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	BULB	BASE	MAX LUMENS	OVER-ALL REACH	WT. (LBS)	LIST
04423002	12-R-M-3	11 Watt	Magnetic Base	800	12"	3	159

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
- 6' cordset with 2 prong polarized 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
- Imported to TPI specifications.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	MAGNIFICATION POWER	BULB	WATTS	MAX LUMENS	AVE. BULB LIFE (HRS)	OVER-ALL REACH	WT. (LBS)	LIST
04851502	45-MAG-W	3X	22W. Circline	22	1800	16,000	45"	10	243
3120300	MAG-22W	22W., 120V., T-9 deluxe cool white circline replacement lamp						1	32

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