



TPI CORPORATION

America's Comfort Conditioning Company

2022 ELECTRICAL PRODUCTS CATALOG



ELECTRIC HEAT, CONTROLS & THERMOSTATS

INDUSTRIAL | COMMERCIAL | RESIDENTIAL

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REV: 01112022

LIGHTS

FANS

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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

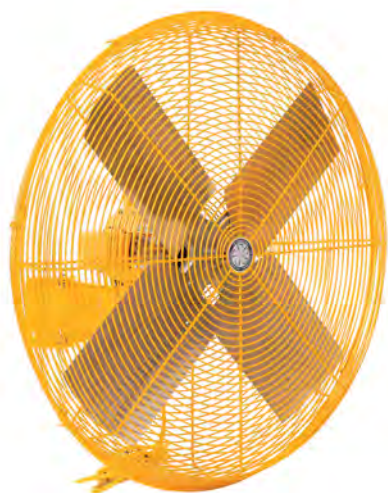
TPI COMMERCIAL CIRCULATORS STATEMENT:

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.
Note: Prices subject to change without notice.

TPI Industrial Assembled Maximum Duty Circulators

2

Features

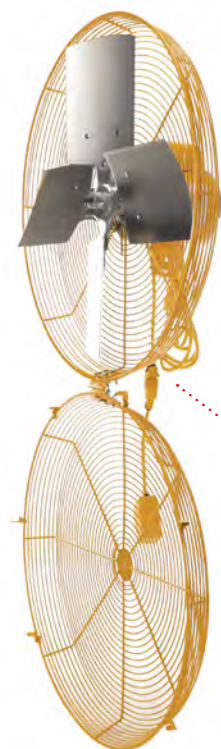


HDH Series

- Steel construction with safety yellow textured epoxy powder coated finish
- Direct drive, Totally Enclosed Air-Over (TEAO) motor generating up to 8,000-CFM's
- Aluminum 4-paddle blade system with steel hub and cast aluminum spider connections
- HDH-Series contains a pull-chain switch and 12' long SJT-Type cord with grounded plug
- HDH-JR Series contains a 12' long SJT-Type cord with grounded plug and 18" long drop-down cord assembled with an electrical (off, on low/high) switch enclosure
- Fully-Assembled Non-Oscillating fan heads in 24" or 30" diameter sizes
- 5-year motor warranty
- Made in the U.S.A. with domestic and foreign components

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



Hinged Guard



HDH-JR Series



Drop-Down Switch



Wall Mount
see pg. 6

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



Pedestal Mount, see pg. 6



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Models

ASSEMBLED FAN HEAD		BLADE SIZE	SWITCH TYPE	HP	CFM* / RPM		VELOCITY PROFILE	AMPS	WT. (LBS)	LIST
MFG CATALOG NUMBER	MFG MODEL NUMBER				HIGH	LOW	CFM / Area Sq Ft			
08744402	HDH 24-JR	24"	Drop Down	1/2	5600 / 1100	4900 / 800	7500 / 260	3.5	44	860
08744602	HDH 30-JR	30"			6800 / 1100	6000 / 800	8000 / 270	4	48	884
07960702	HDH 24	24"	Pull Chain		5600 / 1100	4900 / 800	7500 / 260	3.5	44	788
07960802	HDH 30	30"			6800 / 1100	6000 / 800	8000 / 270	4	48	806

*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.

TPI Industrial Assembled Circulator Heads and Mounts

Features

- Steel construction with silver/gray powder coated; steel motor housing painted black
- Direct drive, Totally Enclosed Air-Over (TEAO) motor generating up to 12,000-CFM's
- Aluminum 3-paddle blade system with steel hub and cast aluminum spider connections
- All models contain a pull-chain switch and 12' long SJT-Type cord with grounded plug
- All models, except HDH-36, contain self-locking retaining clips to secure front/rear grills and meet OSHA safety requirements
- HDH-36 model operates at single speed, contains interlocking front/rear grills and includes a heavy-duty wall mounting bracket inside the carton
- HDH-GJR Series contains a 12' long SJT-Type cord with grounded plug and 18" long drop down cord assembled with an electrical (off, on low/high) switch enclosure
- Fully-Assembled ready for plug-&-play operation offered in Non-Oscillating (Stationary) and Oscillating fan heads in 20", 24" or 30" diameter sizes; mounts sold separately
- Oscillating models rotates in a 90° arc or can be locked in a fixed position
- Metal gears in the oscillating model allow the fan to operate at a maximum 30° downward tilt
- Motor warranty ranges from 1, 3 and 5-years
- Made in the U.S.A. with domestic and foreign components

Motor Specifications

- 2-Speed
- 1 Phase, 120V
- Ball bearing
- Frame size: 48
- Totally enclosed
- Permanent split capacitor
- Permanently lubricated
- ½" Shaft

DIMENSIONS

20"	22" Diameter x 14.5" Depth
24"	27" Diameter x 14.5" Depth
30"	33.5" Diameter x 14.5" Depth



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



HDH-GJR Series
Drop-Down Plug
and Hinged Guard



ACM-IHP-HDH Series



ACH-O Series
Oscillating Motor

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				
1 Year Warranty										
Industrial 1/4	20"	ACH 20	08684702	STATIONARY	3000 / 2600	5000 / 200	1100 / 900	2.4	39	403
	24"	ACH 24	07961602		3800 / 3400	6000 / 240	1100 / 800	2.5	40	453
	30"	ACH 30	07961702		4300 / 3800	7200 / 250	1100 / 800	2.7	44	467
3 Year Warranty										
High Performance 1/3	24"	IHP 24-H	07989802	STATIONARY	4300 / 3900	6000 / 240	1100 / 800	2.8	40	576
	30"	IHP 30-H	07989902		5400 / 4700	7200 / 250	1100 / 800	3	44	603
5 Year Warranty										
Heavy Duty 1/2	24"	HDH 24-G	08539202	STATIONARY	5600 / 4900	7500 / 260	1100 / 800	3.5	44	755
	30"	HDH 30-G	08528602		6800 / 6000	8000 / 270	1100 / 800	4	48	780
	24"	HDH 24-GJR	08745002		5600 / 4900	7500 / 260	1100 / 800	3.5	44	860
	30"	HDH 30-GJR	08745102		6800 / 6000	8000 / 270	1100 / 800	4	48	884
	36"	HDH 36	08197802		6970	12000 / 325	1100	5.2	90	851
1 Year Warranty										
Industrial Oscillating 1/4	20"	ACH 20-O	08684802	OSCILLATING	3000 / 2600	5000 / 200	1100 / 900	2.4	43	610
	24"	ACH 24-O	07963602		3800 / 3400	6000 / 240	1100 / 800	2.5	44	695
	30"	ACH 30-O	07963702		4300 / 3800	7200 / 250	1100 / 800	2.7	48	720

*Measured 2 feet from face of fan

HDH-36 Note: Wall mount only, mount included, unit imported to TPI specifications.

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

TPI Industrial Unassembled Circulators

Features

- Unassembled packaged kits, include: motor, blade, guards & mount (pedestal or wall)
- Steel construction with silver/gray powder coated; steel motor housing painted black
- Direct drive, Totally Enclosed Air-Over (TEAO) motor generating up to 7,200-CFM's
- Aluminum 3-paddle blade system with steel hub and cast aluminum spider connections
- All models contain a pull-chain switch and 12' long SJT-Type cord with grounded plug
- All models contain self-locking retaining clips to secure front/rear grills and meet OSHA safety requirements
- Offered in Non-Oscillating (Stationary) and Oscillating fan heads in 20", 24" or 30" diameter sizes
- Oscillating models rotates in a 90° arc or can be locked in a fixed position
- Metal gears in the oscillating model allow the fan to operate at a maximum 30° downward tilt
- Pedestal pole adjusts the center of fan from 48" to 67" tall; bolts to 27" diameter steel dome with 5-bolts
- Motor warranty from 1 or 3-years
- Made in the U.S.A. with domestic and foreign components

DIMENSIONS	
20"	22" Diameter x 14.5" Depth
24"	27" Diameter x 14.5" Depth
30"	33.5" Diameter x 14.5" Depth

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Motor Specifications

- 2-speed
- 1-Phase, 120V
- Ball bearing
- Frame size: 48
- Totally enclosed
- Permanent split capacitor
- Permanently lubricated
- ½" Shaft



ACU-WO Series

Oscillating Fan Head with Wall Mount



UHP-P Series



Standard Models

FAN TYPE		MAXIMUM DUTY		MAX AMPS	HIGH PERFORMANCE		MAX AMPS		INDUSTRIAL		MAX AMPS		OSCILLATING		MAX AMPS	
MOTOR	HP	1/3			1/3				1/4				1/4			
CFM Velocity Profile / Area Sq. Ft.	20"	---	---	---	---	---	---	---	---	5000 / 200	2.4	---	---	5000 / 200	2.4	
	24"	6000 / 240	2.8	---	6000 / 240	2.8	---	---	6000 / 240	2.5	---	---	6000 / 240	2.5		
	30"	7200 / 250	3.0	---	7200 / 250	3.0	---	---	7200 / 250	2.7	---	---	7200 / 250	2.7		
WARRANTY		3 YEARS			3 YEARS				1 YEAR				1 YEAR			
SIZE	TYPE of MOUNT	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST	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
20"	Pedestal Mount	---	---	---	---	---	---	---	08681402	ACU 20-P	72	561	08681602	ACU 20-PO	76	593
	Wall Mount	---	---	---	---	---	---	---	08681502	ACU 20-W	42	457	08681702	ACU 20-WO	46	476
24"	Pedestal Mount	08745202	UHP 24-PJR	935	07990002	UHP 24-P	75	780	07962302	ACU 24-P	75	581	07964002	ACU 24-PO	79	881
	Wall Mount	08745402	UHP 24-WJR	789	07990202	UHP 24-W	45	637	07962402	ACU 24-W	45	484	07964102	ACU 24-WO	49	737
30"	Pedestal Mount	08745302	UHP 30-PJR	956	07990102	UHP 30-P	73	806	07962802	ACU 30-P	73	597	07964202	ACU 30-PO	82	900
	Wall Mount	08745502	UHP 30-WJR	815	07990602	UHP 30-W	48	660	07962902	ACU 30-W	48	502	07964302	ACU 30-WO	52	755

TPI Industrial Specialty Circulator Heads

5

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



Intertek

*Listing applies to 277V models only



**ACH-EX
SERIES**



**IHP-H-277
Series**



**IHP-H-WD
Series**

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Models

GENERAL DESCRIPTION	MFG MODEL NUMBER	MFG CATALOG NUMBER	SIZE	CFM*		VELOCITY PROFILE	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	1397
	ACH 30-EX1	08552002	30"	5400		7200 / 250									69	1515
	ACH 24-EX3	08552102	24"	4300		6000 / 240			240 or 480 3-phase	----	----	----	1.4	0.7	66	1490
	ACH 30-EX3	08552202	30"	5400		7200 / 250									69	1631
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	964
	ACH 30-TE3	08552402	30"	5400		7200 / 250									48	986
277 Volt Assembled Head	IHP 24-H-277	08541302	24"	4300	3900	6000 / 240	1/3	1125	277 1-phase	----	----	1	----	----	40	677
	IHP 30-H-277	08542202	30"	5400	4700	7200 / 250									44	720
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	1287
	IHP 24-H-WD	08541802	24"	4300		6000 / 240									48	1335
	IHP 30-H-WD	08541902	30"	5400		7200 / 250									52	1380

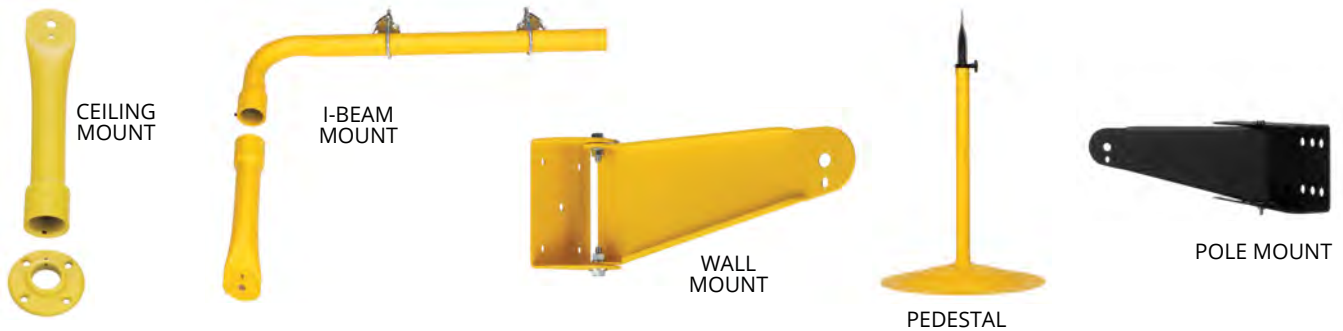
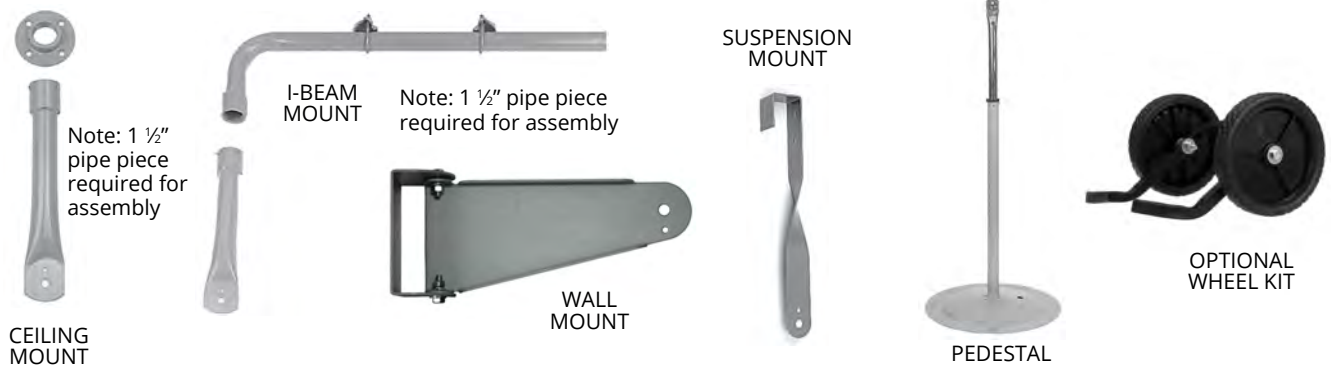
*Measured 2 feet from face of fan

Note: Wash down rated fan heads have heavy zinc coated guards - Use FDA white coated mounts shown on page 7 for food service applications

TPI Industrial Circulator Components

6

Standard Models



Product Specifications

- Pedestal pole adjusts the center of fan from 48" to 67" and bolts to 27" diameter steel dome base with 5 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)
- Wheel kit and pole mount have an all black textured powder coated finish

TYPE	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
YELLOW MOUNTS			
PEDESTAL POLE & BASE	07960902	HDM-P	263
WALL MOUNT	07961002	HDM-W	105
I-BEAM MOUNT	07961102	HDM-I	200
CEILING MOUNT	07961202	HDM-C	114
GRAY MOUNTS			
PEDESTAL POLE & BASE	07961802	ACM-P	248
WALL MOUNT	07961902	ACM-W	96
I-BEAM MOUNT	07962002	ACM-I	188
CEILING MOUNT	07962102	ACM-C	124
SUSPENSION MOUNT	07962202	ACM-S	85
POLE MOUNT	08681802	ACM-PM	137
WHEEL KIT	08681302	ACM-WK	116
FDA WHITE MOUNTS FOR USE WITH WASHDOWN FAN HEADS IN FOOD SERVICE APPLICATIONS			
PEDESTAL POLE & BASE	08682502	WACM-P	245
WALL MOUNT	08682602	WACM-W	96

What to know when ordering TPI Air Circulators:

1) What is the operating voltage and phase?

- 120V (most common)
- 120V or 240V
- 277V
- 240 or 480V (offered in 3-phase)

2) How will you be mounting or operating this unit?

- Wall / Vertical Surface (Most Common)
- Floor – Pedestal Mount
- Pole Mount
- Ceiling
- Suspension Mount
- I-Beam Mount

3. What environment will this unit be operating in?

- Industrial – see TPI Series: HDH, IHP or ACH's
 - Dirty, dusty jobsites or harsh industrial environment
 - Wet, high moisture, or wash down rated environment
 - Hazardous Location – Class I Group D, Class II Groups F & G
- Commercial – see TPI Series; CACU's
 - Clean areas or non-dusty environment

4. Will you need the fan head to rotate?

- Oscillating
- Non-Oscillating Fan Heads

5. Do you want to order assembled fan heads?

- Assembled Fan Head
- Unassembled Fan Head (ACU, UHP & CACU Series)

6. Do you have a color preference?

- Safety Yellow – HDH Series
- Industrial Textured Gray Finish (Most popular)
- Black Semi-Gloss Powder Coated Finish (CACU-Series)

Air Circulators - Motor Comparisons

Commercial Motors - Open Vent Motors



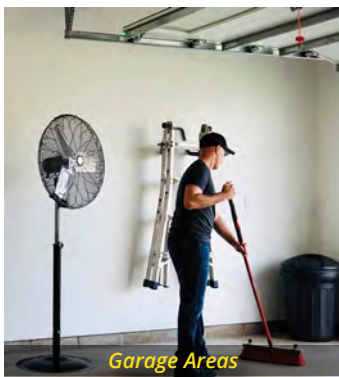
- Offered in 1/4 HP & 1/3 HP
- Good output
- Open ventilated (air goes through the motor)
- Oscillating and Non-Oscillating
- Unassembled fan heads only
- 1-year limited warranty
- Ideal for Commercial Applications
 - Offered in 120V models

Industrial Motors -Totally Enclosed Motors (TEAO)



- Offered in 1/4 HP, 1/3 HP & 1/2 HP
- Higher quality and high CFP output
- Totally Enclosed Air Over (TEAO)
- Oscillating and Non-Oscillating
- Fully assembled fan heads
- No tools required to open grill assembly (retainer clips)
- 3-year warranty on 1/3 HP motors (5-year on 1/2 HP)
- Ideal for Commercial Applications
 - Offered in 120, 240, 277 & 480V models
 - Washdown and Hazardous Location Rated models

Commercial Fan Applications



Industrial Fan Applications



TPI Commercial Circulators

8



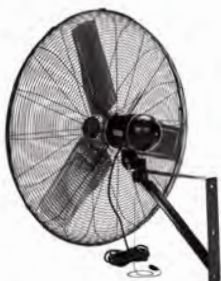
These circulators should be used in clean and dry commercial applications - such as schools, shops, offices or warehouses.

Commercial Circulator

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



PEDESTAL MOUNT



WALL MOUNT

Features

- Black semi-gloss powder coated finish
- 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
- 3-Speed
- Permanently lubricated
- Permanent split capacitor

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Non-Oscillating 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	Non - Oscillating	Pedestal Mount	1780	1600	1420	3300 / 125	1.4	52	335
08778102	CACU 20-W				Wall Mount						48	302
08706202	CACU 24-P	24"	1/4		Pedestal Mount	3400	3100	2800	5400 / 220	2.3	63	494
08706402	CACU 24-W				Wall Mount						43	422
08697402	CACU 30-P	30"			Pedestal Mount	4200	3800	3500	6700 / 240	2.4	66	544
08706302	CACU 30-W				Wall Mount						46	436
08761702	CACU 30-P-HD	30"	1/3		Pedestal Mount	5000	4600	4200	7000 / 250	3.60	56	633

*Measured 2 feet from face of fan

Note: Stocked models may differ in appearance from photograph

TPI Commercial Oscillating Fans

Standard Oscillating Models



WALL MOUNT

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	Oscillating	Pedestal Mount	3200	3000	2800	5100 / 230	1.45	1.15	1.1	68	582
08749102	CACU 24-WO				Wall Mount								48	498
08749002	CACU 30-PO	30"			Pedestal Mount	4200	3800	3500	6700 / 250	2.0	1.8	1.6	70	611
08749202	CACU 30-WO				Wall Mount								51	541
08761802	CACU 30-PO-HD	30"	1/3		Pedestal Mount	5000	4600	4200	7000 / 250	3.60	3.02	2.94	64	783

Notes:

*Measured 2 feet from face of fan

Stocked models may differ in appearance from photograph - sizes are nominal
Units imported to TPI specifications.

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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

9



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



Features

- Rotary switch
- SJT type cord - 3 conductor - 8' long
- Aluminum 4-paddle blade
- Spiral wire front and rear guards
- Black powder coated 20 gauge steel housing
- Stationary non-swivel 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

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	770
08706602	CPB 42-B	1/2	7,600	6,700	12000 / 320	6.5	93	920
08722702	CPB 48-B	3/4	8,800	7,700	14000 / 500	9.0	129	1120

*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



CPB 36-D



CPBS 30-D

Features

- Rotary or rocker switch
- SJT type cord - 3 conductor
- Spiral wire front and rear guards
- Black 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
- Ball bearing
- 1-Phase
- Open ventilated
- Permanently lubricated

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	BASE TYPE	MOTOR HP	CFM*		VELOCITY PROFILE	MAX AMPS	CORD LENGTH	SWITCH	BLADES	WT. (LBS)	LIST
				HIGH	LOW	CFM / Area Sq Ft						
08753502	CPB 30-D	Floor	1/5	4,400	3,800	6700 / 250	3.6	6'	Rocker	Aluminum	52	471
08710302	CPBS 30-D	Swivel	1/5	4,400	3,800	6700 / 250	3.6	6'	Rocker	Aluminum	60	508
08722602	CPB 36-D	Floor	1/3	5,400	4,600	8500 / 300	3.6	10'	Rotary	Steel	70	615
08770102	CPBS 24-DHV	Swivel	1/6	3,400	2,900	5400 / 240	2.4	9'	Rotary	Aluminum	38	289

*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

10



STANDARD
MODEL



SWIVEL
MODEL



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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 112.5° in 22 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 30" 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				
08211002	PBX 30-D	30"	STANDARD	8"	1/4	4400 / 1100	3800 / 950	7200 / 250	2.7	65	860
08213602	PBXS 30-D	30"	SWIVEL	10"						70	1150
08211102	PBX 36-D	36"	STANDARD	8"	1/3	6500 / 1040	5400 / 950	11500 / 320	5.5	82	1000
08213702	PBXS 36-D	36"	SWIVEL	10"						110	1400
08211202	PBX 42-D	42"	STANDARD	10"	1/2	9,000 / 825		15000 / 340	7.9	102	1180
08213802	PBXS 42-D	42"	SWIVEL	10"						128	1520

*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



SWIVEL
MODEL



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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 112.5° in 22 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 CFM / Area Sq Ft	AMPS (HIGH)	DIMENSIONS			WT. (LBS.)	LIST
								"H"	"D"	"W"		
07997802	PB 48-D-OP	48"	STANDARD	3/4	11,800 / 825	14000 / 360	10.5	58.5	29	55.5	117	1987
07998002	PBS 48-D-OP	48"	SWIVEL	3/4	11,800 / 825	14000 / 360	10.5	----	----	----	142	2268

*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

11



STANDARD
MODEL



CORD WRAP
INCLUDED WITH
STANDARD MODEL

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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
- 4 paddle blade: 36" PBX / PBSX & HL have aluminum blade; 42" & 48" PBX / PBSX 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 112.5° in 22½° 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.

Motor Specifications

- 1-Speed
- Ball bearing
- Permanently lubricated

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	08211402	PBX 36-B	120	1220	08213302	PBXS 36-B	145	1600
	42"		3/4	430	11.0	10,600	17500 / 420	08211502	PBX 42-B	135	1500	08213402	PBXS 42-B	160	1820
	48"		1	390	15.0	14,400	23500 / 550	08211602	PBX 48-B	155	1580	08213502	PBXS 48-B	180	1920
	36"	240/480 V 3 PH ODP	1/2	500	2.3 / 1.1	6,900	14000 / 360	08508602	PB 36-B-3	127	1962	08509202	PBS 36-B-3	152	2313
	42"		3/4	430	3.3 / 1.5	10,600	17500 / 420	08508702	PB 42-B-3	143	2201	08509302	PBS 42-B-3	168	2744
	48"		1	390	3.8 / 1.9	14,400	23500 / 550	08508802	PB 48-B-3	164	2504	08509402	PBS 48-B-3	189	2888
----	36"	120/240 V 1 PH EXP	1/2	500	7.8 / 3.9	6,900	14000 / 360	08508902	PB 36-B-HL*	135	2958	08509502	PBS 36-B-HL	160	3264
	42"		3/4	430	10.8 / 5.4	10,600	17500 / 420	08509002	PB 42-B-HL*	150	3112	08509602	PBS 42-B-HL	175	3720
	48"		1	390	13.2 / 6.6	14,400	23500 / 550	08509102	PB 48-B-HL*	173	3651	08509702	PBS 48-B-HL	198	4027

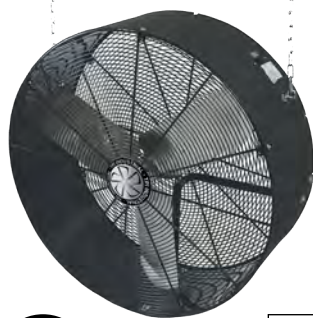
**Measured 2 feet from face of fan *Models have no listing.

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

12



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
- 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



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Models

SIZE	MOTOR HP	MFG CATALOG NUMBER	MFG MODEL NUMBER	CFM*		VELOCITY PROFILE CFM / Area Sq Ft	RPM HIGH	AMPS HIGH	WT. (LBS)	LIST
				HIGH	LOW					
30"	1/4	08213002	SBX 30-D	4,400	3,800	7200 / 250	1050	2.7	58	860
36"	1/3	08213102	SBX 36-D	6,500	5,400	11500 / 320	1050	5.5	70	950
42"	1/2	08213202	SBX 42-D	9,000		15000 / 340	825	7.9	99	1120

*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: SBX 36-B, SB 36-B-HL, SB 42-B-HL, SB 48-B-HL
- Steel blade: SBX 42-B, SBX 48-B
- 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



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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 CFM / Area Sq Ft	RPM	AMPS	WT. (LBS)	LIST
			TYPE	HP						
08212702	SBX 36-B	36"	115 V, 1 PH, ODP	1/2	6,900	14000 / 360	500	8	120	1160
08212802	SBX 42-B	42"		3/4	10,600	17500 / 420	430	11	135	1360
08212902	SBX 48-B	48"		1	14,400	23500 / 550	390	15	155	1420
08509802	SB 36-B-3	36"	230 / 460 V, 3 PH, ODP	1/2	6,900	14000 / 360	500	2.3 / 1.1	127	1871
08509902	SB 42-B-3	42"		3/4	10,600	17500 / 420	430	3.3 / 1.5	143	2265
08510002	SB 48-B-3	48"		1	14,400	23500 / 550	390	3.8 / 1.9	164	2382
08510102	SB 36-B-HL*	36"	115 / 230 V, 1 PH, EXP	1/2	6,900	14000 / 360	500	7.8 / 3.9	135	2958
08510202	SB 42-B-HL*	42"		3/4	10,600	17500 / 420	430	10.8 / 5.4	150	3363
08510302	SB 48-B-HL*	48"		1	14,400	23500 / 550	390	13.2 / 6.6	173	3651

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 Mini-Blowers

13



FLOOR
MODEL



YOKE MOUNTED
MODEL

MBM-W
(Optional Wall/
Ceiling Mount)



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

- ** USE IN DIRTY OR DUSTY ENVIRONMENTS
- ** FLOOR MODEL OR YOKE MOUNT AVAILABLE.
- ** BOLT TO ANY SURFACE OR USE 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	DIMENSIONS			AMPS (High)	WT. (LBS)	LIST
		TYPE	SIZE	HIGH	LOW	CFM / Area Sq Ft	"H"	"W"	"D"			
08743502	MB 24-DF	FLOOR STYLE	24"	3300 / 1140	2900 / 1070	5200 / 240	29 ½"	28 ½"	14 ¼"	1.8	52	845
08743602	MB 24-DY	YOKE STYLE					29"	28 ½"	14 ¼"		52	845
08743702	MB 30-DF	FLOOR STYLE	30"	4400 / 1040	3900 / 730	7000 / 250	38 ½"	37 ½"	14 ½"	2.7	58	933
08743802	MB 30-DY	YOKE STYLE					38"	37 ½"	14 ½"		58	933
07989002	MBM-W	OPTIONAL WALL/CEILING MOUNT FOR YOKE STYLE MINI-BLOWER									4	171

*Measured 2 feet from face of fan

TPI Industrial Heavy Duty Square Belt Drive Portable Blowers



4" CASTERS



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Features

- On-Off rocker switch
- SJT type 3 conductor, 12' long cord
- Steel 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
- Permanently lubricated
- 1/2" Shaft

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	1725	8.0	6,900	14,000 / 360	48 1/4"	40.38"	22 1/2"	120	2157
42"	08683702	PCBT 42-B	3/4		11.0	10,600	17,500 / 420	56 1/2"	48.38"	22 1/2"	140	2802
48"	08683802	PCBT 48-B	1		15.0	14,400	23,500 / 550	62 1/2"	54.38"	18 1/2"	185	3407

*Measured 2 feet from face of fan



Features

- ETL C/US listed for indoor spot cooling applications
- 20-gauge all steel construction housing with gray epoxy powder coated finish
- Heavy-duty yoke mounting bracket design with 2" square steel tubing frame
- Direct drive Totally Enclosed Air-Over (TEAO) motor generating up to 9,000-CFM's
- Single speed, ball bearing, with split capacitor, permanently lubricated, TEAO motor operates on 60HZ and 1725-RPMs, and requires hard-wired connection to the supplied electrical enclosure located on the motor housing
- Aluminum 3-paddle blade system with steel hub and cast aluminum spider connections
- Non-Oscillating fan heads offered 18", 24" & 30" diameter sizes
- 2-year motor warranty

Benefits

- Housing designed for all types of air circulating applications to provide directional - high velocity air flow.
- Built-in rotating design allows the supplied mounting bracket to pivot 120° in (9) adjustment settings at 15° variations.
- Front & rear spiral wound grills are OSHA approved and have a black powder coated finish.
- All units are shipped fully assembled and ready for hard-wired connections
- TEAO motor has a Class B rating, with automatic thermal protection and ball bearing design for harsh environments; rated up to 115°F max. ambient temperature.
- Single and three phase options available in 120, 277 & 480-Volt.

All Steel Structure

2" square tubing

Adjustable bracket up to 120°

HV-24

20-gauge steel frame with welded venturi design on intake & discharge ends

Specifications

- 1-Speed
- 1 Phase, 120V, 208/240V, 277V or 480V
- 3-Phase, 480V
- Ball bearing
- Totally enclosed, air over
- Permanent split capacitor/lubricate
- 1/2" Motor Shaft

Applications

Units are ideal for warehouse, material handling, and high-shelf areas for directing high volumes of air flow down aisles, loading dock areas, conveyor systems, processing centers, workstations, jobsite, and all types of industrial operations for rugged environments.



HV-1 dock arm mount accessory plus HV-18 fan head

HV-30



HV-3 Wall/Column Mount Accessory plus HV-30 Fan Head



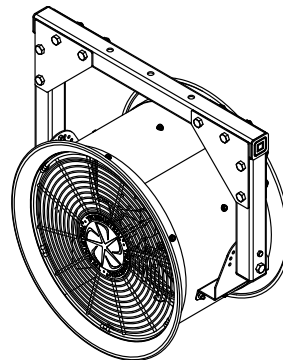
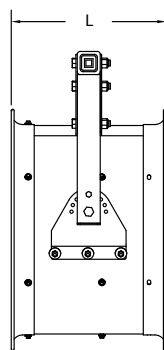
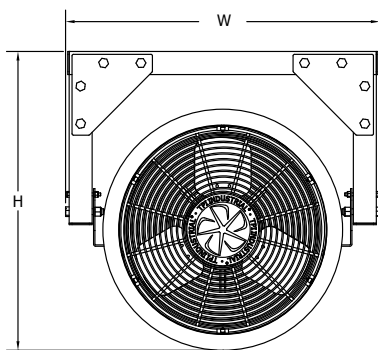
TPI Industrial High Velocity Blowers

Standard Models

SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	VOLTS	PH	AMPS (High)	HP	WATTS	RPM	CFM*	VELOCITY PROFILE	BLADE DIA.	DIMENSIONS (in.)			WT. (lbs.)	LIST
										CFM/Area Sq. Ft.		L	W	H		
18"	08195602	HV-18-120V	120	1	3.4	1/2	373	1725	3000	5000 / 175	16"	13.5	27.4	26	45	1323
	08195702	HV-18-208/240V	208/240	1	1.9											
	08195802	HV-18-277V	277	1	1.5											
	08195902	HV-18-480V	480	1	1.0											
	08197202	HV-18-480V-3	208-230/460	3	1.4 / 0.8											1517
24"	08196002	HV-24-120V	120	1	3.8	1/2	373	1725	5290	8500 / 275	22"	13.5	33.3	31.4	58	1516
	08196102	HV-24-208/240V	208/240	1	2.1											
	08196202	HV-24-277V	277	1	1.7											
	08196302	HV-24-480V	480	1	1.1											
	08197302	HV-24-480V-3	208-230/460	3	1.5 / 0.8											1833
30"	08196402	HV-30-120V	120	1	7.6	1	746	1700	9000	14250 / 375	28"	16	38.9	39	85	2191
	08196502	HV-30-208/240V	208/240	1	4.3											
	08196602	HV-30-277V	277	1	3.2											
	08196702	HV-30-480V	480	1	1.6											
	08197402	HV-30-480V-3	208-230/460	3	3.4 / 1.6											2688

*Measured 2' from face of fan; Velocity is the highest recorded CFM

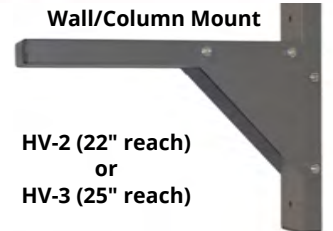
Dimensions:



Dock Swing Arm - 24" Reach



Wall/Column Mount



HV-2 (22" reach)
or
HV-3 (25" reach)

Accessory Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	FITS MODEL SERIES	LIST
08197502	HV-1	Dock Arm, 24" Reach	HV-18	193
08197602	HV-2	Wall / Column Mount	HV-18 & HV-24	276
08197702	HV-3	Wall / Column Mount	ALL	287
08199002	HV-4-18	Low Stand	HV-18	600
08199102	HV-4-24		HV-24	663
08199202	HV-4-30		HV-30	725
08199302	HV-5-18	Medium Stand	HV-18	932
08199402	HV-5-24		HV-24	1026
08199502	HV-5-30		HV-30	1177
08199602	HV-6-18	High Stand	HV-18	1085
08199702	HV-6-24		HV-24	1233
08199802	HV-6-30		HV-30	1380
08199902	HV-7-DC-1	Disconnect Switch	1-Phase	634
08200002	HV-7-DC-3		3-Phase	662
08209802	HV-8	Caster Kit (Qty.4)	ALL Heads/Stands	205

Note : Stands do not include casters

Contact TPI customer Service for additional cost for mounting fan to the stand and wiring the disconnect prior to shipping.



Image Shown Includes

HV-24 (Fan Head)
HV-5-24 (Medium Stand)
HV-8 (Caster Kit)

Note: All items must be ordered separately.

TPI Industrial Heavy Duty Direct Drive Blowers

16



LOW STAND



MEDIUM STAND



HIGH STAND

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	3519	3503	4050	4136	4338	4322	4859	4958	4732	4718	5268	10659
	MCD18-1/3	1/3	1725	3450	76	105	150	215	3638	3668	4329	4508	4454	4480	5145	5333	4853	4877	5550	10045
24"	MCD18-1	1	1725	4600	77	117	165	230	4104	3953	4868	4958	4931	4769	5678	5777	5326	5168	6083	6174
	MCD24-1/4	1/4	1725	5200	80	115	165	230	3600	3588	4120	4221	4523	4517	5041	5145	4846	4628	5363	5466
	MCD24-1/3	1/3	1140	5300	74	126	175	250	4177	4221	5311	5372	5099	5145	6232	6296	5422	5261	6555	6615
	MCD24-1/2	1/2	1725	6000	80	120	170	240	3902	3917	4713	4628	4824	4841	5632	5550	5145	4958	5955	5873
	MCD24-3/4	3/4	1140	6900	74	140	190	260	4981	4508	5647	5493	5904	5438	6572	6414	6224	5550	6893	6735
	MCD24-1	1	1725	7400	82	130	180	250	4233	4080	4986	5077	5154	5003	5909	6000	5476	5116	6232	6322
	MCD24-1 1/2	1.5	1725	8200	84	137	190	255	4472	4277	6609	5432	5394	5205	7531	6353	5716	5318	7853	6674
30"	MCD24-3	3	1725	10500	87	160	210	270	----	4668	----	5904	----	5588	----	6833	----	5709	----	7147
	MCD30-1/3	1/3	1140	6900	80	150	205	260	4583	4628	5716	5777	5595	5641	6729	6796	6000	6045	7125	7194
	MCD30-1/2	1/2	1725	8900	86	141	195	250	4312	4329	5123	5041	5333	5348	6141	6063	5733	5746	6539	6458
	MCD30-3/4	3/4	1140	10400	80	210	260	320	5275	4809	5934	5782	6284	5821	6953	6801	6684	6218	7349	7202
	MCD30-1	1	1140	11200	81	200	260	310	6322	5072	7540	6000	7343	6089	8558	7012	7739	6487	8954	7410
	MCD30-1 1/2	1.5	1725	12000	92	200	250	310	4868	4674	7006	5829	5880	5695	8026	6848	6277	6089	8422	7246
	MCD30-2	2	1140	14000	84	225	270	330	----	5422	----	6750	----	6442	----	7770	----	6840	----	8168
36"	MCD30-3	3	1725	16000	94	220	265	325	-----	4964	----	6203	----	5985	----	7222	----	6386	----	7614
	MCD36-1	1	1140	13000	82	250	320	375	7140	5888	8356	6811	8394	7147	9614	8072	8657	7404	9870	8327
	MCD36-1 1/2	1.5	1725	14850	88	250	320	375	5647	5454	7784	6609	6902	6705	9037	7861	7162	6965	9301	8124
	MCD36-2	2	1140	17500	82	255	325	380	----	6024	----	7357	----	7283	----	8611	----	7540	----	8873
	MCD36-3	3	1725	18500	90	260	330	390	----	5754	----	6990	----	7006	----	8249	----	7267	----	8505
	MCD36-5	5	1725	23000	94	260	330	390	----	5852	----	7208	----	7102	----	8460	----	7357	----	8715
	MCD42-2	2	1140	19500	85	315	415	565	----	6916	----	8249	----	8249	----	9578	----	8776	----	10110
48"	MCD42-5	5	1725	27000	98	320	420	570	----	6735	----	8100	----	8072	----	9427	----	8603	----	9968
	MCD48-5	5	1140	32000	92	500	620	710	----	9136	----	11377	----	10605	----	12847	----	11540	----	13783
	MCD48-7 1/2	7.5	1140	37000	105	625	745	835	----	10605	----	14317	----	12077	----	15787	----	13012	----	16717
60"	MCD48-10	10	1140	41000	105	682	800	890	----	12411	----	15720	----	13881	----	17180	----	14813	----	18119
	MCD60-3	3	690	35000	87	690	855	965	----	19470	----	----	----	22243	----	----	----	22880	----	----
	MCD60-5	5	690	45000	87	730	895	1005	----	21897	----	----	----	24663	----	----	----	25309	----	----
	MCD60-7 1/2	7.5	870	47000	90	945	1110	1220	----	18351	----	----	----	21118	----	----	----	21756	----	----
	MCD60-10	10	870	57200	91	1035	1200	1310	----	22842	----	----	----	25610	----	----	----	26254	----	----
	MCD60-15	15	870	60750	92	1080	1245	1355	----	29876	----	----	----	32641	----	----	----	33286	----	----

Manual Starter Switches

MFG MODEL NUMBER		H.P. RATING	LIST PRICE	
			TEC	
1 PH	3 PH		1 PH	3 PH
SW-1/4	SW-1/4-3	1/4-1/3	679	1619
SW-1/2	SW-1/2-3	1/2-3/4	679	1619
SW-1	SW-1-3	1	679	1619
SW-1 1/2	SW-1 1/2-3	1.5	1592	1619
-----	SW-2-3	2	----	1619
-----	SW-3-3	3	----	1619
-----	SW-5-3	5	----	1619
-----	SW-7 1/2-3	7.5	----	1536

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

Polyolfin Casters

MFG MODEL NUMBER	FAN SIZE	WHEEL SIZE	WT. (LBS)	LIST
CAS - 18	18" - 30"	4"	10	651
CAS - 48	36" - 48"	5"	14	917

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

TPI Industrial Heavy Duty Permanent Mount Direct Drive Blowers

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1-WAY
SWIVEL



2-WAY
SWIVEL

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Features

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

NOTE:

Single Phase motors are field convertible 115V / 230V

Three Phase motors are field convertible 230V / 460V

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

Standard Models

BLADE SIZE	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	4668	4653	5189	5282	5857	5844	6391	6482
	MCD18-1/3	1/3	1725	3450	76	135	145	4787	4809	5477	5656	5979	6000	6674	6858
	MCD18-1	1	1725	4600	77	145	155	5250	5099	6009	6107	6450	6296	7208	7299
24"	MCD24-1/4	1/4	1725	5200	80	145	155	4809	4787	5326	5432	6063	6040	6572	6674
	MCD24-1/3	1/3	1140	5300	74	155	165	5385	5432	6519	6577	6630	6674	7764	7823
	MCD24-1/2	1/2	1725	6000	80	150	160	5109	5123	5918	5837	6353	6376	7162	7081
	MCD24-3/4	3/4	1140	6900	74	170	180	6188	5723	6858	6698	7434	6968	8100	7950
	MCD24-1	1	1725	7400	82	160	170	5438	5287	6197	6284	6684	6533	7440	7531
	MCD24-1 1/2	1.5	1725	8200	84	165	175	5670	5485	7814	6639	6922	6729	9059	7887
	MCD24-3	3	1725	10500	87	190	200	----	5873	----	7110	----	7118	----	8356
30"	MCD30-1/3	1/3	1140	6900	80	180	190	5837	5880	6968	7029	7217	7261	8340	8407
	MCD30-1/2	1/2	1725	8900	86	170	180	5565	5581	6386	6296	6948	6960	7756	7672
	MCD30-3/4	3/4	1140	10400	80	240	250	6527	6053	7194	7035	7899	7434	8567	8417
	MCD30-1	1	1140	11200	81	230	240	7576	6322	8798	7253	8954	7703	10170	8626
	MCD30-1 1/2	1.5	1725	12000	92	230	240	6122	5927	8259	7081	7500	7306	9636	8460
	MCD30-2	2	1140	14000	84	255	265	----	6674	----	8002	----	8056	----	9381
	MCD30-3	3	1725	16000	94	250	260	----	6218	----	7462	----	7589	----	8835
36"	MCD36-1	1	1140	13000	82	295	305	8701	7440	9916	8362	10409	9150	11625	10078
	MCD36-1 1/2	1.5	1725	14850	88	295	305	7194	7006	9340	8159	8967	8715	11046	9870
	MCD36-2	2	1140	17500	82	300	310	----	7576	----	8910	----	9295	----	10622
	MCD36-3	3	1725	18500	90	315	325	----	7306	----	8545	----	9014	----	10253
	MCD36-5	5	1725	23000	94	305	315	----	7394	----	8760	----	9114	----	10470

Exhaust Ventilation Guide

Minute air change chart for commercial and industrial applications

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

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

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

Industrial Workstation Floor Fans

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HIGH STAND



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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	195
18"	07972902	F-18-TE		1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	20 1/2"	20 1/2"	10 1/2"	2.2	20	245
24"	08528502	F-24-TE		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	26"	26"	10 1/2"	2.4	23	295
24"	08775402	F-24-TE-HV		1/4	3800 / 1100	3600 / 950	3400 / 800	6000 / 240	26"	26"	10 1/2"	2.7	25	335
18"	07973002	F-18H-TE*	HIGH STAND	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	53"	25"	27"	2.2	27	369
24"	08540602	F-24H-TE*		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	53"	30"	27"	2.4	30	413

**Measured 2 feet from face of fan

Corrosion Resistant Industrial Workstation Fans



HIGH STAND



WALL/CEILING MODEL



FLOOR MODEL

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

- ### 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"	2.2	20	514
24"	08763502	F-24-CR		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	26"	26"	10 1/2"	2.4	23	586
18"	08763302	F-18H-CR	HIGH STAND	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	53"	25"	27"	2.2	27	681
24"	08763602	F-24H-CR		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	53"	30"	27"	2.4	30	734
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	514
24"	08763402	U-24-CR		1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	27"	26"	10 1/2"	2.4	23	586

*Measured 2 feet from face of fan

Industrial Mounted Workstation Fans

Features



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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"

- 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



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Motor Specifications

- Sleeve bearing
- Totally enclosed, permanently lubricated
- Frame size: 42
- 3-Speed
- 1-Phase, 120V
- 5/16" (12" fan only) and 1/2" shaft

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	CFM* / RPM			VELOCITY PROFILE CFM / Area Sq Ft	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	205
18"	07972802	U-18-TE	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2900 / 125	2.2	20	253
24"	08540702	U-24-TE	1/8	2100 / 1634	1900 / 1484	1600 / 1200	3500 / 150	2.4	23	284
24"	08775502	U-24-TE-HV	1/4	3800 / 1100	3600 / 950	3400 / 800	6000 / 240	2.7	25	302

PIPE DIAMETER	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
1"	08512402	PM-1	67
1 1/2"	08512502	PM-1.5	74
2"	08512602	PM-2	82
2 1/2"	08512702	PM-2.5	88
3"	08512802	PM-3	96

*Measured 2 feet from face of fan

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

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	CFM* / RPM			MAX AMPS	DESCRIPTION	LIST
				HIGH	MED	LOW			
12"	08216102	U-12-TE-W	1/12	900 / 1590	800 / 1380	700 / 1080	1.1	12" Industrial Mounted Workstation Fan w/ Mounting Arm	255
18"	08216202	U-18-TE-W	1/8	1800 / 1660	1500 / 1550	1300 / 1370	2.2	18" Industrial Mounted Workstation Fan w/ Mounting Arm	295

Workstation Mounting Arms

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	LIST
08215902	WCM-W-10	WORKSTATION MOUNTING ARM, 6" - 10"	90
08216002	WCM-W-14	WORKSTATION MOUNTING ARM, 10" - 14"	110



U-18-TE-W

Outdoor Rated Yoke Mount Fans

Features

- Direct drive totally enclosed motor
- Pull chain switch
- Head rotates 360° vertically and horizontally
- Knobs allow for 180° vertical rotation
- Coated black finish steel guards
- Steel yoke mounting bracket
- All black finish with aiming handle
- SJT type 3 conductor, 10' long cord
- Steel hub/spider aluminum 3-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
- 1/2" shaft



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

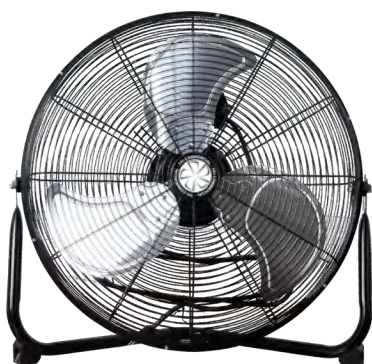
Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	MOTOR HP	RPM	CFM			VELOCITY PROFILE CFM/Area Sq. Ft.	MAX AMPS	WT. (LBS)	LIST
					HIGH	MED	LOW				
18"	08194502	U-18-TE-HD	1/10	1625	1900	1500	1300	3100 / 125	1.1	20	292
24"	08211802	U-24-TE-HD	1/4	1625	3800	3600	3400	6000 / 240	2.4	28	313

*Measured 2 feet from face of fan

TPI Commercial Floor Fans

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CF-20



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	114
08723102	CF-18	18"	FLOOR	1/5	1600	1480	1380	1.4	16	141
08706502	CF-20	20"	FLOOR	1/5	1725	1600	1480	1.9	18	195

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	97
16"	08513102	ODF-16	DESK	3	1530	0.5	8.5	114
16"	08513202	OSF-16	STAND	3	1530	0.5	15.5	144

Workstation Wall Mount Fan With Pivoting Arm

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



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	401
08009202	40-LDF-TE		40"						38	501
08009302	60-LDF-TE		60"						44	537

*Measured 2 feet from face of fan

Loading Dock Arm Fan

MFG CATALOG NUMBER	MFG MODEL NUMBER	FAN SIZE	FAN CFM*			MAX AMPS	WT. (LBS)	LIST
			HIGH	MED	LOW			
07971802	LDF-18-TE	18"	1800	1500	1300	2.2	20	257

Optional Modular Lights



DKL-INC



DKL-QH



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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	106
04465702	DKL-QH	Quartz Halogen	500	11,000	2,000	6	159

Low Velocity "Special Application" Workstation Fan



WALL MOUNT

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Features

- 12" aluminum blade air circulator for wall, ceiling, or bench mount
- 120V, 1-phase, 1/12HP with direct wire electrical connection
- Toggle switch with 2-speed control generating up to 1200 CFM
- All metal construction with a gray powder coated finish
- Fan head tilts 90° in horizontal and vertical plane
- Conforms to U.S. Navy Specification MIL-DTL-68G
- Meets OSHA standards / 1-year limited warranty
- Made in the 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	418

*Measured 2 feet from face of fan



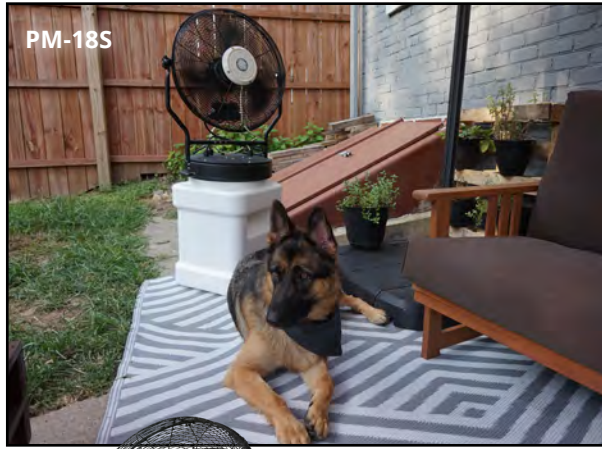
BENCH MOUNT



CEILING MOUNT

Portable 18" Self Contained Power Mister

22



PM-18S



PM-18C

PM-18S



Additional nozzle & caps included with all models



Units include intake tubing line and water filter



Switch allows for Off, Fan Only or Fan & Mist Operation

This outdoor rated portable misting system operates at 120-Volts and is created through the process of evaporation. TPI's self-contained power misting equipment creates a "fog" by pumping water at a medium flow rate through small nozzles from the misting hub. When combined with the air added by fan blades, this fog is rapidly evaporated. The heat required to evaporate the fog is extracted from the air causing a reduced air temperature. This cooler air is then distributed to people or animals creating a direct cooling zone.

Features

- Medium pressure 125 PSI diaphragm pumps water from a 10-gallon tank providing a "fog" like misting zone that can cover up to 400-sg.ft.
- 3-speed non-oscillating 18" diameter 3-paddle blades operates at 120-Volt, generates over 3100-CFMs pulling less than 3-amps, and includes an 18' long GFCI cord and 3-prong cord.
- Totally enclosed, weather-tight, 1/10-HP motor is UL / C-UL recognized, designed for outdoor applications, and is encased with steel spiral front and rear wire guards that meets OSHA requirements
- 4-nozzle misting hub system is standard, and additional misting nozzle and safety caps included
- Cart and stand models include a 10-gallon white water container including fill-line, drain cap & intake line with filter
- PM18-C model contains a black finish steel frame, includes operating handle, tank platform, upright stem and 10" wheel base and is shipped unassembled
- PM18-F offered a replacement fan head unit is shipped with no water container and can be placed onto existing 10-gallon igloo coolers
- Shipped in one single carton; unit is designed, engineered, tested and assembled in the U.S.A.

Motor Specification

- 1-Phase / 120V
- 3-Speed, 1/10 HP
- Sleeve bearing
- Permanently lubricated
- Totally Enclosed
- Weather-tight
- Outdoor rated
- All (3) models contain the same fan head, misting ring and pump assembly



PM-18FO

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	FAN SIZE	MOTOR HP	AMPS	CFM*	VELOCITY PROFILE	WT. (LBS)	LIST
							CFM / Area Sq Ft		
08554702	PM-18S	Hand Carry	18"	1/10	1.1	1900	3100 / 140	30	1431
08554902	PM-18C	Cart						76	1820
08555202	PM-18FO	Fan Head Only						28	1226

*Measured 2 feet from face of fan

Replacement Parts

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	FITS MODELS	WT. (LBS)	LIST
08760702	NK-PM18	REPLACEMENT NOZZLE KIT	All PM18s	1	34

Features

- 120-Volt / single phase, 60HZ electrical service
- Permanently sealed double radial ball bearing PSC AC motor provides maintenance free and quiet operation
- Low energy consumption – high efficiency performance
- White powder coated finish on steel motor housing & downrod
- White polymer 3-paddle blade system designed for quiet operation
- Includes 24" stainless steel safety cable kit
- Easy to mount to the supplied steel J-Hook connection
- Satisfies the U.S. Department of Energy's "Energy Guide" requirements
- E-CF models contain (4) 24" long lead wires for forward/reverse direct wire options providing year round operation in downflow or upflow direction
- E60-CFC has 3-speeds, includes cord/controller & IP65 rated equivalent for wet locations
- ETL Listed for USA & Canada / 5-year limited warranty

Motor Specifications

- 1-Phase, 120V
- Permanent sealed
- Ball bearing PSC AC Motor

Model #	Amps	Watts
E-56CF	0.70	85
E-60CF	0.70	90
E-60CFC	0.80	95

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Models: E56-CF or E60-CF



Forward / Reverse wiring options



Model: E60-CFC

Indoor / Outdoor Rated
Plug & Play Install
Includes Speed Controller



Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	BLADE DIAMETER	AIRFLOW OPTIONS	DOWNROD LENGTH	MAX CFM	MOTOR RPM	MOTOR TYPE	CORD INCLUDED	SPEED CONTROLLER	WEIGHT (LBS.)	LIST
08198202	E-56CF	56"	Forward/Reverse	18"	7,775	290	Moisture Rated	None	Sold Separately	22	276
08198302	E-60CF	60"	Forward/Reverse	18"	8,434	260	Moisture Rated	None	Sold Separately	22	340
08198402	E-60CFC	60"	Down Draft	24"	9,630	250	Wet Rated	Yes	Included; 3-Speed	28	535

Accessories

MFG CATALOG NUMBER	MFG MODEL NUMBER	TYPE	VOLTS	MAX AMPS	VARIABLE CONTROL KNOB	REVERSING SWITCH	# OF FANS	FOR USE WITH	LIST
07994102	KBWC-110K	Solid State Variable Speed Controllers	120	10	Yes w/ 3" X 5" Aluminum Plate **	No	1-10	All 3-Models	218
08666802	KBWC-15SK			5		Yes	1-5	E-56CF & E60CF	200
08210602	DR36	Down Rod Extender	36" long, steel,white finish, 3/4" diameter					All 3-Models	63

** Fits 2" x 4" Opening

How to Determine the Total # of Ceiling Fans Needed

Ceiling Height (feet)	Coverage Area (square feet)
10 - 11	600
12 - 13	800
14 - 15	950
16 - 17	1100
18 - 19	1300
20 - 21	1450

What to Measure:
Total Square Footage (L x W)
Maximum Ceiling Height

Small Area Example:

If you had a 3,000 square foot facility with 16' ceilings:

Calculation (Total Sq.Ft. / Coverage Area): 3,000/1,100 = 2.73

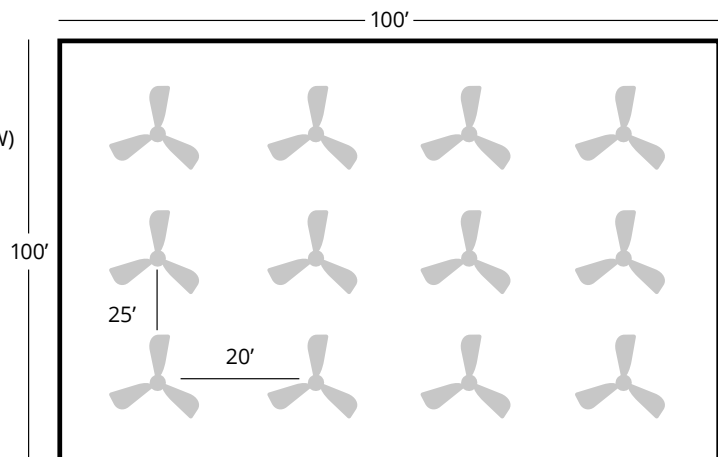
Total # of fans needed = 3

Large Area Example:

If you had a 10,000 square foot facility with 13' ceilings:

Calculation (Total Sq.Ft. / Coverage Area): 10,000/800 = 12.5

Total # of fans needed = 12 (See chart for layout)



Shutter Mounted Direct Drive Exhaust Fans

24

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 page 17

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



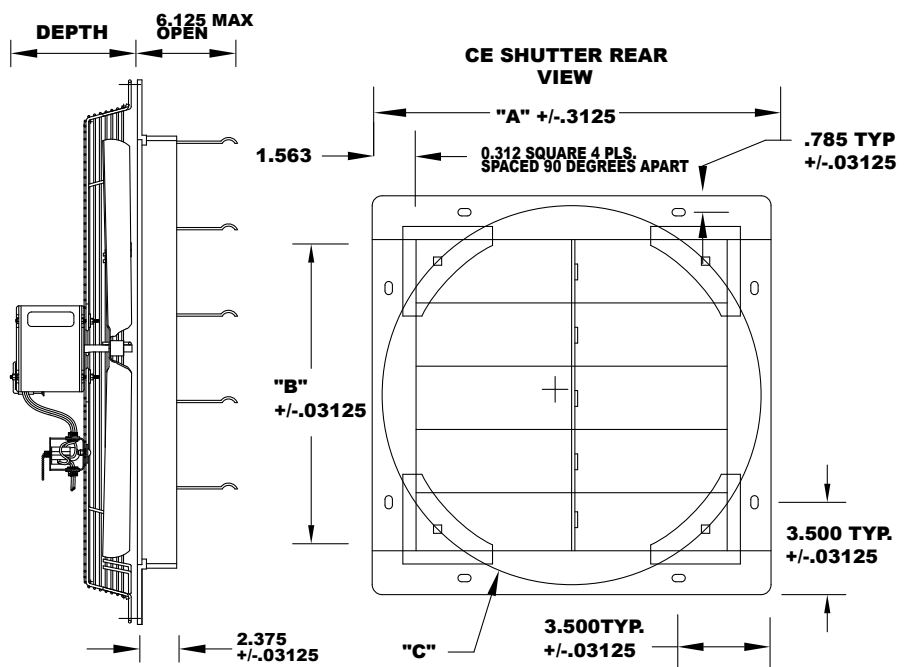
WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	402
12"	07986202	CE 12-DS	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	16	456
14"	08690002	CE 14-DS	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	576
16"	08690102	CE 16-DS	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	603
18"	07986302	CE 18-DS	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	25	655
20"	08690202	CE 20-DS	1/4	2925 / 1140	-	2380 / 1070	2.3	34	777
24"	07986402	CE 24-DS	1/4	3400 / 1140	-	2770 / 1070	2.5	47	863
30"	07986502	CE 30-DS	1/4	3950 / 1140	-	3080 / 1070	2.7	54	1082

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

25

Features

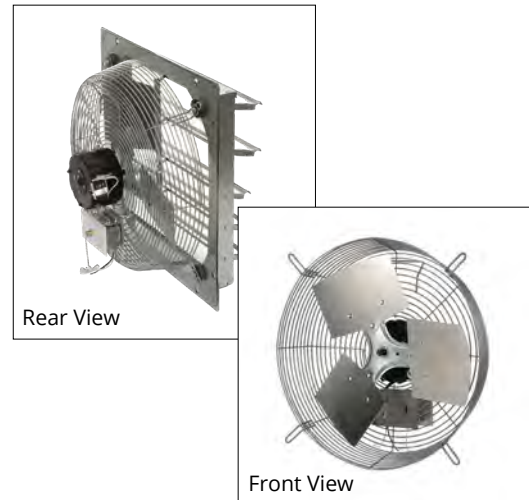
- Bolts directly to the wall
- Can be used with or without external shutter
- Pull chain switch
- No Cord-Junction box provided for direct wiring
- Aluminum blade
- Steel spiral wire guards
- Made in U.S.A. with domestic and foreign components.

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Note: Rough-in hole size is ½" 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

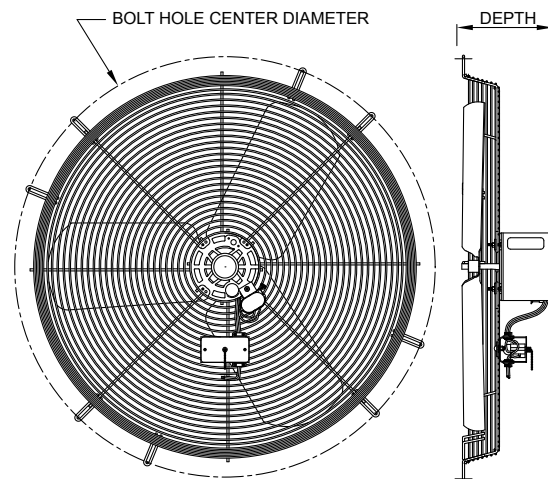


Standard Models

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	342
12"	07985002	CE 12-D	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	12	386
14"	08689602	CE 14-D	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	410
16"	08689702	CE 16-D	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	428
18"	07984902	CE 18-D	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	19	470
20"	08689802	CE 20-D	1/4	2925 / 1140	-	2380 / 1070	2.3	34	611
24"	07984802	CE 24-D	1/4	3400 / 1140	-	2770 / 1070	2.5	38	680
30"	07984702	CE 30-D	1/4	3950 / 1140	-	3080 / 1070	2.7	42	793

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	91
12"	07985502	CES-12G	5.5	126
14"	08684502	CES-14G	6.5	154
16"	08514702	CES-16G	8	179
18"	07985602	CES-18G	9	216
20"	07975202	CES-20G	10	240
24"	07985702	CES-24G	13	268
30"	07985802	CES-30G	19	313

Venturi Mounted Direct Drive Exhaust Fans

26

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



Rear View



Front View

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

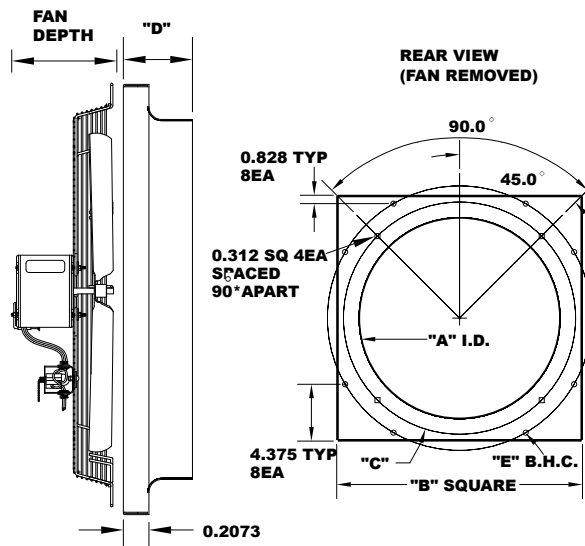
WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	402
12"	07986602	CE 12-DV	1/12	825 / 1560	710 / 1250	560 / 1080	1.1	17	455
14"	08690402	CE 14-DV	1/8	1520 / 1660	1400 / 1550	1250 / 1370	2	17	576
16"	08690502	CE 16-DV	1/8	2100 / 1660	1900 / 1550	1700 / 1370	2.1	18	603
18"	07986702	CE 18-DV	1/8	2300 / 1660	2100 / 1050	1850 / 1370	2.2	26	655
20"	08690602	CE 20-DV	1/4	2925 / 1140	-	2380 / 1070	2.3	34	777
24"	07986802	CE 24-DV	1/4	3400 / 1140	-	2770 / 1070	2.5	48	863
30"	07986902	CE 30-DV	1/4	3950 / 1140	-	3080 / 1070	2.7	55	1082

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	91
12"	07985502	CES-12G	15.13"	15.13"	5.5	126
14"	08684502	CES-14G	17.13"	17.13"	6.5	154
16"	08514702	CES-16G	19.00"	19.00"	8.0	179
18"	07985602	CES-18G	21.13"	21.13"	9.0	216
20"	07975202	CES-20G	23.13"	23.13"	10.0	240
24"	07985702	CES-24G	27.13"	27.13"	13.0	268
30"	07985802	CES-30G	33.13"	33.13"	19.0	313

Belt Drive Exhaust Fans & Optional Shutters

Venturi Mounted Belt Drive Exhaust Fan

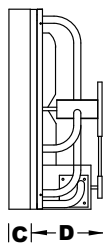
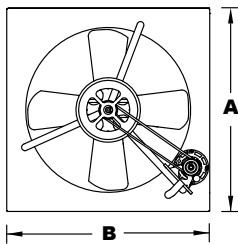
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Features

- Steel venturi frame exhaust fan, bolts directly to an inside wall or framed / vertical surface
- Motor is designed for direct wiring connection; NO cord provided
- Operates at 115/120V at single-phase or 230/460V at 3-phase; 1725 RPMs
- Single speed, belt drive motor constructed of ball bearing, split capacitor, drip proof and is permanently lubricated
- Steel frame has a gray powder coated finish and uses a 4-paddle aluminum blade
- Designed for harsh industrial and commercial environments to improve air quality
- Belt drive motor allows for quieter operation and higher air volume performance
- Can be used with or without external shutter (sold separately)
- UL recognized motor has a frame size of 56
- Proudly Designed, Engineered, Tested and Assembled in the USA



Dimensions (Inches)



MODEL	DIMENSIONS A x B x C x D
CE-24B	29.5" x 31" 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"

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	10,000	50	07967002	CE-24B	978	08510402	CE-24B-3	1125
30	1/3	6	1.9 / .9	11,600	60	07967102	CE-30B	1101	08510502	CE-30B-3	1256
36	1/2	8	2.3 / 1.1	14,000	65	07967202	CE-36B	1272	08510602	CE-36B-3	1421
42	3/4	11	3.3 / 1.5	17,500	75	07967302	CE-42B	1596	08510702	CE-42-B-3	1980
48	1	15	3.8 / 1.9	23,500	98	07967402	CE-48B	1994	08510802	CE-48-B-3	2109

Optional Exhaust Shutters



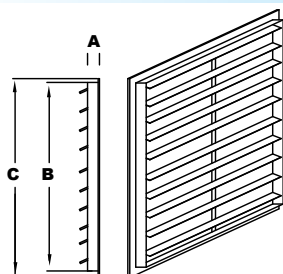
Features

- Air open - gravity close
- Aluminum frame
- Aluminum louvers
- Weather stripping for tighter seal
- For ONLY CE-Series BELT Drive Fans
- Made in U.S.A.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	WT. (LBS)	LIST
07967502	CES-24	11	329
07967602	CES-30	15	402
07967702	CES-36	19	704
07967802	CES-42	23	896
07967902	CES-48	28	1032

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

28

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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	1671	1676
16"	IED16-1/3	IED16-1/3-3	20"	1/3	1725	2834	73	40	2000	2041
18"	IED18-1/2	IED18-1/2-3	24"	1/2	1725	3890	74	55	2247	2266
20"	IED20-3/4	IED20-3/4-3	24"	3/4	1725	4574	77	65	2610	2610
24"	IED24-1	IED24-1-3	30"	1	1725	6632	81	155	3012	2849
30"	IED30-1	IED30-1-3	36"	1	1150	8600	79	185	5897	3414
36"	IED36-1 1/2	IED36-1 1/2-3	42"	1.5	1150	12103	82	260	7433	4566
42"	-----	IED42-2-3	48"	2	1150	17315	87	280	--	4895
48"	-----	IED48-3-3	54"	3	850	24280	86	360	--	6862

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

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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	2902	2925
	IE24-1/2	IE24-1/2-3		1/2	925	6200	66	75	2997	3014
	IE24-3/4	IE24-3/4-3		3/4	1050	7000	71	82	3246	3047
	IE24-1	IE24-1-3		1	1175	7800	73	90	3280	3124
30"	IE30-1/3	IE30-1/3-3	36"	1/3	570	7500	62	95	3036	3059
	IE30-1/2	IE30-1/2-3		1/2	625	8500	64	95	3385	3155
	IE30-3/4	IE30-3/4-3		3/4	725	10000	66	105	3390	3199
	IE30-1	IE30-1-3		1	825	11000	70	115	3466	3309
36"	IE36-1/3	IE36-1/3-3	42"	1/3	425	9000	64	103	3341	3359
	IE36-1/2	IE36-1/2-3		1/2	500	10500	66	105	3442	3466
	IE36-3/4	IE36-3/4-3		3/4	575	11900	68	110	3745	3502
	IE36-1	IE36-1-3		1	650	13100	70	120	3726	3570
	IE36-1 1/2	IE36-1 1/2-3		1 1/2	750	15000	72	155	4259	4066
	IE36-2	IE36-2-3		2	830	16500	74	165	----	4149
42"	IE42-3/4	IE42-3/4-3	48"	3/4	430	14000	67	175	4176	3986
	IE42-1	IE42-1-3		1	490	15400	69	180	4207	4059
	IE42-1 1/2	IE42-1 1/2-3		1 1/2	550	17200	71	185	4407	4220
	IE42-2	IE42-2-3		2	620	19400	74	200	---	4813
	-----	IE42-3-3		3	700	22000	79	225	----	4979
48"	IE48-3/4	IE48-3/4-3	54"	3/4	350	17000	70	185	4570	4377
	IE48-1	IE48-1-3		1	400	19100	71	190	4603	4451
	IE48-1 1/2	IE48-1 1/2-3		1 1/2	460	22000	72	200	4793	4607
	IE48-2	IE48-2-3		2	520	24000	74	250	----	5363
	-----	IE48-3-3		3	590	27500	80	260	----	5529
	-----	IE48-5-3		5	660	30500	83	280	----	5572
60"	IE60-2	IE60-2-3	66"	2	320	31000	77	320	----	7462
	-----	IE60-3-3		3	370	35000	84	330	----	7626
	-----	IE60-5-3		5	420	39000	86	350	----	7691

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

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Features

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	2115	2103	2649	2738
16"	EHD16-1/4	EHD16-1/4-3	20"	1/4	1725	2800	75	45	2580	2596	3115	3205
18"	EHD18-1/3	EHD18-1/3-3	24"	1/3	1725	3375	75	60	2738	2760	3437	3624
	EHD18-1/2	EHD18-1/2-3		1/2	1725	4150	76	60	2857	2875	3677	3638
20"	EHD20-1/4	EHD20-1/4-3		1/4	1725	3720	75	60	2619	2605	3158	3242
	EHD20-1/2	EHD20-1/2-3		1/2	1725	4800	76	65	2821	2844	3645	3609
	EHD20-1	EHD20-1-3		1	1725	6900	77	70	3152	3001	3939	4006
24"	EHD24-1/4	EHD24-1/4-3	30"	1/4	1725	5200	82	135	2777	2760	3314	3405
	EHD24-1/3	EHD24-1/3-3		1/3	1150	4975	75	145	3359	3405	4499	4562
	EHD24-1/2	EHD24-1/2-3		1/2	1725	6510	82	140	3077	3089	3894	3858
	EHD24-3/4	EHD24-3/4-3		3/4	1725	6900	83	145	3323	3134	4150	3948
	EHD24-1	EHD24-1-3		1	1725	7425	83	155	3414	3256	4203	4267
	EHD24-2	EHD24-2-3		2	1725	9525	83	165	4306	3533	-----	4713
	-----	EHD24-3-3		3	1725	10500	85	170	-----	3840	-----	5099
30"	EHD30-1/3	EHD30-1/3-3	36"	1/3	1150	6950	79	145	3677	3722	4814	4886
	EHD30-1/2	EHD30-1/2-3		1/2	1725	8980	89	135	3422	3437	4239	4203
	EHD30-3/4	EHD30-3/4-3		3/4	1150	10440	79	175	4381	3909	5049	4899
	-----	EHD30-1-3		1	870	10640	74	215	-----	4831	-----	-----
	EHD30-1 1/2	EHD30-1 1/2-3		1 1/2	1725	12000	89	165	3985	3789	6153	4958
	EHD30-2	EHD30-2-3		2	1150	14000	82	215	-----	4517	-----	5857
	-----	EHD30-3-3		3	1725	16000	89	190	-----	4059	-----	5311
36"	EHD36-1	EHD36-1-3	42"	1	1150	13600	84	225	6307	5040	7576	5979
	-----	EHD36-2-3		2	1150	17620	84	250	-----	5189	-----	6533
	-----	EHD36-3-3		3	1150	20500	85	255	-----	5965	-----	7545
	-----	EHD36-5-3		5	1725	28000	94	250	-----	5003	-----	6376
42"	-----	EHD42-1-3	48"	1	870	15800	82	300	-----	5857	-----	-----
	EHD42-2	EHD42-2-3		2	1150	17964	88	260	-----	5519	-----	6863
	-----	EHD42-3-3		3	1150	24500	88	270	-----	6203	-----	7784
	-----	EHD42-5-3		5	1150	28970	88	285	-----	6450	-----	8707
48"	-----	EHD48-3-3	54"	3	1150	28600	92	290	-----	7484	-----	9068
	-----	EHD48-5-3		5	1150	32000	94	305	-----	7840	-----	10102
60"	-----	EHD60-3-3	66"	3	1150	40000	97	700	-----	9295	-----	10873
	-----	EHD60-5-3		5	1150	45000	97	730	-----	10170	-----	12436
	-----	EHD60-7 1/2-3		7 1/2	870	47000	92	740	-----	13357	-----	-----
	-----	EHD60-10-3		10	870	57200	93	750	-----	17899	-----	-----

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"

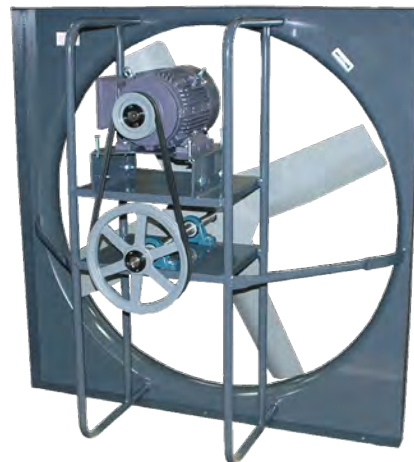
Note: Depth dimension varies with motor selection

Heavy Duty Belt Drive Exhaust Fans

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 $\frac{1}{2}$ the distance of the fan opening size.
Example: 36" fan shutter would be mounted 12" from the fan blade

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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	3498	3482	4750	4842
	EHB24-1/2	EHB24-1/2-3		1/2	980	6219	66	130	3700	3714	5230	5185
	EHB24-3/4	EHB24-3/4-3		3/4	1140	7090	71	140	3954	3751	5493	5289
	EHB24-1	EHB24-1-3		1	1250	7180	73	140	4212	4051	5551	5626
30"	EHB30-1/4	EHB30-1/4-3	36"	1/4	540	7178	61	140	3730	3714	5224	5314
	EHB30-1/3	EHB30-1/3-3		1/3	595	7909	63	150	3796	3820	5448	5634
	EHB30-1/2	EHB30-1/2-3		1/2	640	8507	64	155	3894	3909	5696	5657
	EHB30-3/4	EHB30-3/4-3		3/4	770	10235	66	165	4233	4030	6041	5837
	EHB30-1	EHB30-1-3		1	975	10668	70	170	4449	4293	6091	6169
	EHB30-1 1/2	EHB30-1 1/2-3		1 1/2	1140	12473	77	180	4643	4435	7688	6483
36"	EHB36-1/3	EHB36-1/3-3	42"	1/3	460	9113	64	160	4412	4435	5928	6114
	EHB36-1/2	EHB36-1/2-3		1/2	530	10500	66	180	4518	4533	6309	6265
	EHB36-3/4	EHB36-3/4-3		3/4	605	11985	68	200	4809	4615	6601	6400
	EHB36-1	EHB36-1-3		1	665	13174	70	200	4842	4680	6611	6676
	EHB36-1 1/2	EHB36-1 1/2-3		1 1/2	720	13660	72	210	5455	5261	8378	7166
	EHB36-2	EHB36-2-3		2	870	16554	74	215	6025	5394	----	7428
42"	EHB42-1/3	EHB42-1/3-3	48"	1/3	335	10614	64	205	4591	4615	6483	6669
	EHB42-1/2	EHB42-1/2-3		1/2	390	12343	65	210	4689	4705	6706	6676
	EHB42-3/4	EHB42-3/4-3		3/4	435	14040	67	225	4998	4802	7098	6885
	EHB42-1	EHB42-1-3		1	490	15429	69	230	5064	4905	7103	7166
	EHB42-1 1/2	EHB42-1 1/2-3		1 1/2	550	17420	71	240	5268	5073	8723	7510
	EHB42-2	EHB42-2-3		2	725	20653	74	245	6243	5610	----	7842
	----	EHB42-3-3		3	830	23645	79	250	----	5794	----	8087
	EHB48-1/2	EHB48-1/2-3	54"	1/2	330	15230	69	190	5800	5814	8064	8027
48"	EHB48-3/4	EHB48-3/4-3		3/4	370	17339	70	195	6084	5889	8551	8349
	EHB48-1	EHB48-1-3		1	410	19188	71	235	6123	5965	8559	8635
	EHB48-1 1/2	EHB48-1 1/2-3		1 1/2	465	21731	72	245	6369	6175	10165	8949
	EHB48-2	EHB48-2-3		2	520	24274	74	250	7390	6760	----	9239
	----	EHB48-3-3		3	680	28150	80	270	----	6954	----	9513
	----	EHB48-5-3		5	800	33160	83	285	----	7036	----	9699
	EHB60-1	EHB60-1-3	66"	1	280	23090	76	380	8537	8378	11567	11642
	EHB60-1 1/2	EHB60-1 1/2-3		1 1/2	340	28068	77	390	8738	8546	13180	11971
60"	EHB60-2	EHB60-2-3		2	390	32200	78	395	9247	8627	----	12130
	----	EHB60-3-3		3	450	37183	84	410	----	9047	----	12527
	----	EHB60-5-3		5	540	44600	86	420	----	9115	----	12706

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

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Features

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



Standard Models

SIZE	MOTOR	AMPS		CFM	WT. (LBS)	115V 1-PHASE			230 / 460V 3-PHASE		
		HP	115V			MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
24	1/3	5	1.9 / .9	10,000	100	08683902	CBT-24B	2069	08685202	CBT-24B-3	2200
30	1/3	6	1.9 / .9	11,600	120	08684002	CBT-30B	2330	08685302	CBT-30B-3	2499
36	1/2	8	2.3 / 1.1	14,000	135	08684102	CBT-36B	2629	08685402	CBT-36B-3	2846
42	3/4	11	3.3 / 1.5	17,500	155	08684202	CBT-42B	3234	08685502	CBT-42B-3	3489
48	1	15	3.8 / 1.9	23,500	200	08685102	CBT-48B	4007	08685002	CBT-48B-3	4267

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

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
- For IE, IED, EHB and EHD models

Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	INSIDE FRAME DIMENSIONS	OUTSIDE FRAME DIMENSIONS	WT. (LBS)	LIST
12"	07983302	CES 12-HD	12" x 12"	14" x 15"	4	191
16"	08709102	CES 16-HD	16" x 16"	19" x 19"	7	230
18"	08518902	CES 18-HD	18" x 18"	21" x 21"	8	264
20"	08696602	CES 20-HD	20" x 20"	23" x 23"	9	270
24"	08757202	CES 24-HD	24" x 24"	27" x 27"	11	329
30"	08757302	CES 30-HD	30" x 30"	33" x 33"	15	402
36"	08757402	CES 36-HD	36" x 36"	39" x 39"	19	704
42"	08757502	CES 42-HD	42" x 42"	45" x 45"	23	896
48"	08757602	CES 48-HD	48" x 48"	51" x 51"	28	1032
54"	08775102	CES 54-HD	54" x 54"	57" x 57"	39	1166
60"	07998702	CES 60-HD	60" x 60"	63" x 63"	47	1432



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	532
07971102	MK-2	For shutter sizes 36" thru 48" (Double Panel)	8	704
08777102	MK-3	For shutter sizes 54" thru 72" (Double Panel)	12	906

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
- For IE, IED, EHB and EHD models

Standard Models

FAN SIZE	MFG CATALOG NUMBER	MFG MODEL NUMBER	ROUGH OPENING	OVERALL SIZE	WT. (LBS)	LIST
24"	08516902	CESM-24	24" x 24"	27" x 27"	15	1361
30"	08007102	CESM-30	30" x 30"	33" x 33"	18	1589
36"	08004602	CESM-36	36" x 36"	39" x 39"	21	1736
42"	08517202	CESM-42	42" x 42"	45" x 45"	35	2834
48"	07997202	CESM-48	48" x 48"	51" x 51"	42	4004
60"	07983002	CESM-60	60" x 60"	63" x 63"	56	4721



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Exhaust Fan Accessories - Fan Guards

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Rear Box Guard Bolt Together With Wire Guards



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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"	1191
IBG-30	30"	1255
IBG-36	36"	1509
IBG-42	42"	1583
IBG-48	48"	1940
IBG-60	60"	2994

Rear Expanded Metal Box Guard



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

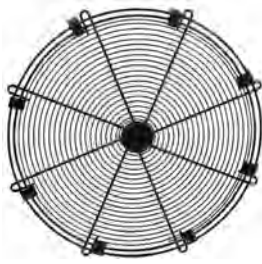
Features

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

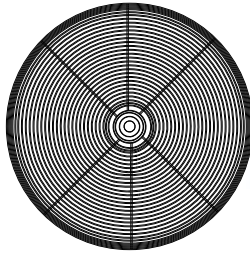
Standard Models

MFG MODEL NUMBER	FITS FAN SIZE	LIST
IBG-12	12"	731
IBG-16	16"	731
IBG-18	18"	810
IBG-20	20"	810

Spiral Front and Rear Guards



Spiral Front



Spiral Rear

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

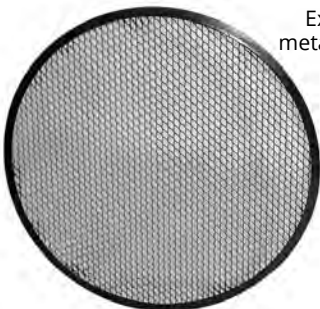
Features

- 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"	401
SF-16		16"	431
SF-18		18"	477
SF-20		20"	488
SF-24		24"	526
SR-12	SPIRAL REAR	12"	416
SR-16		16"	442
SR-18		18"	488
SR-20		20"	505
SR-24		24"	543

Expanded Metal Front Guard



Expanded metal guard 60"

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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"	480
EMF-16	16"	497
EMF-20	20"	525
EMF-24	24"	551
EMF-30	30"	697
EMF-36	36"	862
EMF-42	42"	907
EMF-48	48"	990
EMF-60	60"	1494

Cabinet Exhaust Fan Package Option

With Bolt Together Rear Guard

35

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Features

- For IE, IED, EHB and EHD models
- Wall collar OD is ¼" larger than fan panel size
- Meets OSHA requirements

Standard Models

MFG MODEL NUMBER	FAN SIZE	LIST
CEFP-24	24"	2126
CEFP-30	30"	2401
CEFP-36	36"	2982
CEFP-42	42"	3427
CEFP-48	48"	4091



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

With Expanded Metal Rear Guard

Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

Features

- For IE, IED, EHB and EHD models
- Wall collar OD is ¼" larger than fan panel size
- Meets OSHA requirements

Standard Models

MFG MODEL NUMBER	FAN SIZE	LIST
CEFP-12	12"	1331
CEFP-16	16"	1421
CEFP-18	18"	1604
CEFP-20	20"	1665
CEFP-60	60"	6143



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

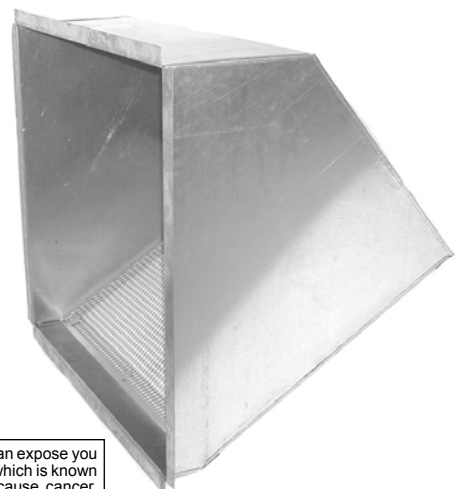
Exterior Weather Hood Option

Features

- For IE, IED, EHB and EHD models.
- Galvanized housing with ½ - 16 expanded metal bird screen
- Can be used for intake or exhaust
- Meets OSHA requirements

Standard Models

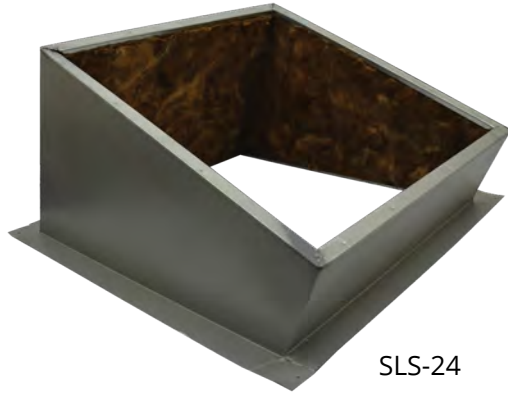
MFG MODEL NUMBER	FAN SIZE	LIST
WH-12	12"	1338
WH-16	16"	1395
WH-18	18"	1425
WH-20	20"	1449
WH-24	24"	2060
WH-30	30"	2145
WH-36	36"	2661
WH-42	42"	2765
WH-48	48"	3199
WH-60	60"	4278



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Insulated Roof Curbs

36



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

⚠ WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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"	637	1229	1449
24"	FLS-24	SLS-24	RDS-24	38" x 38"	50" x 50"	736	1406	1650
30"	FLS-30	SLS-30	RDS-30	44" x 44"	56" x 56"	832	1575	1861
36"	FLS-36	SLS-36	RDS-36	50" x 50"	62" x 62"	907	1727	1989
42"	FLS-42	SLS-42	RDS-42	56" x 56"	68" x 68"	1000	1895	2244
48"	FLS-48	SLS-48	RDS-48	62" x 62"	74" x 74"	1346	2547	3019
54"	FLS-54	SLS-54	RDS-54	68" x 68"	80" x 80"	1467	2768	3277
60"	FLS-60	SLS-60	RDS-60	74" x 74"	86" x 86"	1592	3012	3564

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"	843
24"	CD-24	34" x 34"	985
30"	CD-30	40" x 40"	1358
36"	CD-36	46" x 46"	1677
42"	CD-42	52" x 52"	1852
48"	CD-48	58" x 58"	2247
54"	CD-54	64" x 64"	2818
60"	CD-60	70" x 70"	3063

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	770
DMKP2	For shutter sizes 42" thru 60"	8	918

Belt Drive Hooded Roof Ventilators



CLOSED

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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
- 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			
											EXHAUST		INTAKE	
					MFG MODEL NUMBER						1 PH	3 PH	1 PH	3 PH
					0"	1/8"	1/4"	1/2"			8019	7985	8019	7985
24"	RE24-1/4	RE24-1/4-3	1/4	780	4900	4222	2807	800	60	340	8019	7985	8019	7985
	RE24-1/2	RE24-1/2-3	1/2	980	6219	5716	5061	2600	66	350	8310	8224	8310	8224
	RE24-3/4	RE24-3/4-3	3/4	1140	7090	6648	6144	4413	71	360	8488	8354	8488	8354
	RE24-1	RE24-1-3	1	1250	7180	6696	6271	4464	73	365	8949	8694	8949	8694
30"	RE30-1/3	RE30-1/3-3	1/3	595	7909	6380	3617	767	60	385	9308	9257	9308	9257
	RE30-1/2	RE30-1/2-3	1/2	640	8507	7170	4486	1373	64	385	9451	9366	9451	9366
	RE30-3/4	RE30-3/4-3	3/4	770	10235	9192	7657	3833	66	400	9776	9640	9776	9640
	RE30-1	RE30-1-3	1	975	10668	9959	8626	5184	70	400	10100	9843	10100	9843
36"	RE30-1 1/2	RE30-1 1/2-3	1.5	1140	12473	11867	11112	8135	77	410	10304	9921	10304	9921
	RE36-1/3	RE36-1/3-3	1/3	460	9113	6992	3722	486	64	425	11279	11226	11279	11226
	RE36-1/2	RE36-1/2-3	1/2	530	10500	8821	5985	2084	66	425	11416	11328	11416	11328
	RE36-3/4	RE36-3/4-3	3/4	605	11985	10583	8563	4017	68	435	11643	11509	11643	11509
42"	RE36-1	RE36-1-3	1	665	13174	11932	10299	5729	70	440	11907	11651	11907	11651
	RE36-1 1/2	RE36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	440	12375	11950	12375	11950
	RE36-2	RE36-2-3	2	870	16554	15376	14088	9691	74	455	13297	12575	13297	12575
	RE42-1/2	RE42-1/2-3	1/2	390	12343	9352	4957	1642	65	540	12651	12564	12651	12564
48"	RE42-3/4	RE42-3/4-3	3/4	435	14040	11530	7633	3311	67	545	13095	12959	13095	12959
	RE42-1	RE42-1-3	1	490	15429	13194	10438	4668	69	555	13358	13103	13358	13103
	RE42-1 1/2	RE42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	560	13623	13197	13623	13197
	RE42-2	RE42-2-3	2	725	20653	19128	17503	11319	74	570	14451	13733	14451	13733
54"	-----	RE42-3-3	3	830	23645	22296	20984	17290	79	585	----	13906	----	13906
	RE48-3/4	RE48-3/4-3	3/4	370	17339	13700	7389	2244	70	650	15355	15219	15355	15219
	RE48-1	RE48-1-3	1	410	19188	16078	10903	4037	71	660	15627	15371	15627	15371
	RE48-1 1/2	RE48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	665	15866	15441	15866	15441
60"	RE48-2	RE48-2-3	2	520	24274	21943	19080	10125	74	680	16779	16053	16779	16053
	-----	RE48-3-3	3	680	28150	25683	23615	16930	80	700	----	16256	----	16256
	-----	RE48-5-3	5	800	33160	30900	29290	25000	83	720	----	16386	----	16386
	RE54-1	RE54-1-3	1	410	23130	20588	17500	9600	73	910	18594	18337	18594	18337
60"	RE54-1 1/2	RE54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	920	18969	18544	18969	18544
	RE54-2	RE54-2-3	2	480	27200	24312	20660	11010	76	930	19448	18723	19448	18723
	-----	RE54-3-3	3	550	31213	28722	25830	15420	77	940	----	19064	----	19064
	-----	RE54-5-3	5	660	37458	35238	32893	26538	80	960	----	19208	----	19208
60"	RE60-1	RE60-1-3	1	250	23090	19161	12850	----	76	1150	19567	19312	19567	19312
	RE60-1 1/2	RE60-1 1/2-3	1.5	340	28068	23283	15624	8000	77	1150	20318	19890	20318	19890
	RE60-2	RE60-2-3	2	390	32200	26710	17924	9380	78	1200	20763	20037	20763	20037
	-----	RE60-3-3	3	450	37183	32356	25324	15013	84	1220	----	20388	----	20388
60"	-----	RE60-5-3	5	540	44600	41232	35819	23237	86	1240	----	20514	----	20514
	-----	RE60-7 1/2-3	7.5	620	50184	47603	43981	32880	89	1285	----	21238	----	21238

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

Direct Drive Roof Ventilators

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WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Options

- Protective coating
- Prefabricated curbs
- Disconnect switch

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

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			
											TEC		EXP*	
	MFG MODEL NUMBER				0"	1/8"	1/4"	1/2"			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	5972	5997	6376	6722
	UED18-1/3	UED18-1/3-3	1/3	1725	3375	3000	2600	1400	75	175	5526	5515	6386	6570
	UED18-1/2	UED18-1/2-3	1/2	1725	4133	3938	3724	3132	76	180	5674	5651	6544	6704
	UED18-1	UED18-1-3	1	1725	4600	4375	4080	3000	77	190	6325	6189	7209	7278
24"	UED24-1/4	UED24-1/4-3	1/4	1725	5200	4200	2820	----	75	240	6179	6209	6586	6931
	UED24-3/4	UED24-3/4-3	3/4	1140	6900	6450	6265	3300	76	260	7481	7176	8339	8272
	UED24-1	UED24-1-3	1	1725	7425	7000	6350	5000	83	280	6746	6628	7639	7723
	-----	UED24-3-3	3	1725	10500	9800	9500	8700	85	295	----	7117	----	8458
30"	UED30-3/4	UED30-3/4-3	3/4	1140	10440	9750	8750	6000	79	310	7832	7317	8694	8636
	-----	UED30-1-3	1	870	10800	10100	9100	6360	74	330	----	8507	----	----
	UED30-1 1/2	UED30-1 1/2-3	1.5	1140	10410	9686	8834	6420	81	325	10833	8020	----	9132
	UED30-2	UED30-2-3	2	1140	14000	13750	12900	10450	82	335	13060	8214	----	9402
	-----	UED30-3-3	3	1725	16000	15350	14700	12900	89	335	-----	7498	----	8846
36"	UED36-2	UED36-2-3	2	1140	17620	16500	15200	12300	84	430	14527	9731	----	10919
	-----	UED36-3-3	3	1140	20500	19500	18500	15850	85	455	----	10319	----	12269
	-----	UED36-5-3	5	1140	22600	21700	20500	19000	87	465	----	11015	----	13212
42"	UED42-2	UED42-2-3	2	1140	17964	17277	15326	12351	88	500	15514	10739	----	11924
	-----	UED42-5-3	5	1140	28970	27960	26840	24200	89	500	----	11972	----	14166
48"	-----	UED48-3-3	3	1140	28600	26500	24400	20000	92	550	----	12924	----	14234
	-----	UED48-5-3	5	870	33000	31500	29750	25300	86	665	----	15428	----	----
	-----	UED48-7 1/2-3	7.5	1140	37000	35100	32800	28000	94	740	----	15498	----	18296
	-----	UED48-10-3	10	1140	41000	39200	38300	35400	95	875	----	16315	----	19291
60"	-----	UED60-5-3	5	870	45200	41500	37000	26000	90	940	----	20389	----	----
	-----	UED60-7 1/2-3	7.5	870	47000	45500	43600	38700	92	950	----	21811	----	----

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



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Options

- Protective coating
- Prefabricated curbs
- Disconnect switch

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	6713	6704
	UEB24-1/2	UEB24-1/2-3	1/2	980	6219	5716	5661	2600	66	305	6915	6891
	UEB24-3/4	UEB24-3/4-3	3/4	1140	7090	6648	6144	4413	71	310	7151	7026
30"	UEB30-1/2	UEB30-1/2-3	1/2	640	8507	7170	4486	1373	64	350	7237	7209
	UEB30-3/4	UEB30-3/4-3	3/4	770	10235	9192	7657	3833	66	360	7624	7488
	UEB30-1	UEB30-1-3	1	975	10668	9959	8626	5184	70	370	8121	8043
36"	UEB36-1/2	UEB36-1/2-3	1/2	530	10500	8821	5985	2084	66	360	8550	8526
	UEB36-3/4	UEB36-3/4-3	3/4	605	11985	10583	8563	4017	68	370	9031	8896
	UEB36-1	UEB36-1-3	1	665	13174	11932	10299	5729	70	390	9367	9332
	UEB36-1 1/2	UEB36-1 1/2-3	1.5	720	13660	12012	9579	5000	72	395	9753	9597
42"	UEB42-3/4	UEB42-3/4-3	3/4	435	14040	11530	7633	3311	67	455	9841	9705
	UEB42-1	UEB42-1-3	1	490	15429	13194	10438	4668	69	465	10254	10238
	UEB42-1 1/2	UEB42-1 1/2-3	1.5	550	17420	15421	13117	7289	71	470	10861	10701
	UEB42-2	UEB42-2-3	2	725	20653	19128	17503	11319	74	485	11637	11207
	-----	UEB42-3-3	3	830	23645	22296	20984	17290	79	495	----	11367
48"	UEB48-3/4	UEB48-3/4-3	3/4	370	17339	13700	7389	2244	70	505	11382	11255
	UEB48-1	UEB48-1-3	1	410	19188	16078	10903	4037	71	520	11727	11645
	UEB48-1 1/2	UEB48-1 1/2-3	1.5	465	21731	19010	14991	7081	72	535	11930	11803
	UEB48-2	UEB48-2-3	2	520	24274	21943	19080	10125	74	545	13047	12648
	-----	UEB48-3-3	3	680	28150	25683	23615	16930	80	560	----	12859
54"	UEB54-1	UEB54-1-3	1	410	23130	20588	17500	9600	73	870	15921	15785
	UEB54-1 1/2	UEB54-1 1/2-3	1.5	450	25400	22600	19300	10316	75	880	16281	16140
	UEB54-2	UEB54-2-3	2	480	27200	24312	20660	11010	76	890	16737	16365
	-----	UEB54-3-3	3	550	31213	28722	25830	15420	80	900	----	16948
	-----	UEB54-5-3	5	660	37458	35238	32843	26538	82	920	----	17133
60"	UEB60-1 1/2	UEB60-1 1/2-3	1.5	340	28068	23203	15624	8000	78	940	17327	17183
	UEB60-2	UEB60-2-3	2	390	32200	26710	17924	9380	80	960	17707	17344
	-----	UEB60-3-3	3	450	37183	32356	25324	15013	84	985	----	18244
	-----	UEB60-5-3	5	540	44600	41232	35819	23237	86	1000	----	18414

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

40



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 I.NNER 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"

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

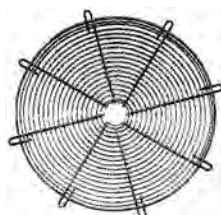
Options

- Companion flanges
- Fan guards
- Protective coating
- 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						
	MFG MODEL NUMBER					0"	1/4"	1/2"	3/4"			TEC		EXP				
												1 PH	3 PH	1 PH	3 PH			
12"	TXD12-1/4	TXD12-1/4-3	1/4	1725	4	1180	520	----	----	77	40	2137	2115	2659	2748			
	TXD12-1/2	TXD12-1/2-3	1/2	3450	4	1875	1400	1250	1100	82	45	2198	2190	2969	3303			
	TXD12-3/4	TXD12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	45	2279	2279	3170	3414			
18"	TXD18-1/4	TXD18-1/4-3	1/4	1725	4	3450	2500	----	----	74	55	2525	2501	3042	3130			
	TXD18-1/3	TXD18-1/3-3	1/3	1725	6	3375	2600	1400	----	75	65	2649	2671	3324	3511			
	TXD18-1/2	TXD18-1/2-3	1/2	1725	6	4150	3150	1700	----	77	65	2753	2768	3556	3474			
	TXD18-1	TXD18-1-3	1	1725	6	4600	4080	3000	2100	80	70	3104	2953	3873	3940			
24"	TXD24-1/4	TXD24-1/4-3	1/4	1725	2	5200	2820	----	----	80	95	2768	2753	3289	3309			
	TXD24-1/3	TXD24-1/3-3	1/3	1140	6	4975	4250	2850	----	74	110	3332	3385	4545	4519			
	TXD24-1/2	TXD24-1/2-3	1/2	1725	4	6510	5200	3100	1800	80	115	3060	3073	3860	3777			
	TXD24-3/4	TXD24-3/4-3	3/4	1140	6	6900	6265	3300	----	74	125	4131	3675	4787	4636			
	TXD24-1	TXD24-1-3	1	1725	6	7425	6350	5000	3300	82	120	3390	3236	4163	4232			
	TXD24-2	TXD24-2-3	2	1725	6	9525	8810	7980	6960	84	120	4104	3495	5718	4643			
	-----	TXD24-3-3	3	1725	6	10500	9500	8700	7800	86	130	----	3799	----	5023			
27"	TXD27-1/2	TXD27-1/2-3	1/2	1725	4	7550	6000	4000	2000	86	125	3341	3347	4131	4050			
	TXD27-1	TXD27-1-3	1	1725	4	9600	8400	7050	4800	86	155	3619	3474	4392	4459			
	TXD27-2	TXD27-2-3	2	1725	6	11500	10700	9300	8000	86	165	4414	3807	6029	4956			
30"	TXD30-1/2	TXD30-1/2-3	1/2	1725	4	8980	6300	4350	2300	86	130	3474	3488	4276	4193			
	TXD30-3/4	TXD30-3/4-3	3/4	1140	6	10440	8750	6000	----	80	150	4669	4207	5327	5191			
	TXD30-2	TXD30-2-3	2	1725	6	12000	10450	8700	6000	89	155	4541	3932	6157	5080			
	-----	TXD30-3-3	3	1725	6	16000	14700	12900	10200	89	175	----	4111	----	5341			
34"	TXD34-1 1/2	TXD34-1 1/2-3	1.5	1725	4	13350	10000	7300	----	88	175	4669	4474	6787	5618			
	TXD34-2	TXD34-2-3	2	1725	4	14850	12100	8800	4000	89	200	5169	4563	6787	5714			
	-----	TXD34-3-3	3	1140	3	19300	17230	14800	11614	86	250	----	5910	----	7462			
	-----	TXD34-5-3	5	1725	6	21000	18900	17500	14850	91	220	----	4858	----	6211			
36"	TXD36-2	TXD36-2-3	2	1140	6	17620	15200	12300	8500	84	210	----	5067	----	6389			
	-----	TXD36-3-3	3	1725	4	18500	15700	13900	11500	89	230	----	5640	----	7187			
42"	-----	TXD42-1-3	1	870	4	15800	13480	5800	900	81	270	----	6128	----	----			
	TXD42-2	TXD42-2-3	2	1140	4	17964	15326	12351	7600	87	260	----	5772	----	7083			
	-----	TXD42-3-3	3	1140	4	24500	23000	19650	14000	87	260	----	6467	----	8019			
	-----	TXD42-5-3	5	1140	4	28970	26840	24200	19500	87	300	----	6706	----	8924			
48"	-----	TXD48-3-3	3	1140	4	28600	24400	20000	15900	94	290	----	8064	----	9613			
	-----	TXD48-5-3	5	870	4	33000	29750	25300	18000	86	500	----	10252	----	-----			

Duct Fan Guards



Features

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Models

FAN SIZE	MFG MODEL	LIST	FAN SIZE	MFG MODEL	LIST
12"	TXG-12	183	30"	TXG-30	249
15"	TXG-15	183	34"	TXG-34	317
18"	TXG-18	183	36"	TXG-36	328
24"	TXG-24	200	42"	TXG-42	360
27"	TXG-27	249	48"	TXG-48	469

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

Tubeaxial Belt Drive Duct Fans

Features

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

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



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	
						MFG MODEL NUMBER						1 PH	3 PH	1 PH	3 PH
12"	TXB12-1/4	TXB12-1/4-3	1/4	2625	4	1444	1033	380	----	77	62	2881	2865	3423	3512
	TXB12-1/3	TXB12-1/3-3	1/3	2875	4	1586	1135	415	----	78	65	2939	2970	3645	3830
	TXB12-1/2	TXB12-1/2-3	1/2	3450	4	1875	1400	1250	1100	83	65	2939	2939	3621	3928
	TXB12-3/4	TXB12-3/4-3	3/4	3450	6	2044	1920	1650	1500	83	67	3200	3200	3868	4150
15"	TXB15-1/4	TXB15-1/4-3	1/4	2000	6	2600	1700		----	77	67	3171	3156	3710	3800
	TXB15-1/3	TXB15-1/3-3	1/3	2200	6	2950	2100	1000	----	78	69	3266	3291	3965	4150
	TXB15-1/2	TXB15-1/2-3	1/2	1890	6	3350	2650	1500	----	76	75	3363	3378	4194	4106
	TXB15-3/4	TXB15-3/4-3	3/4	2200	6	3900	3400	2700	1150	78	85	3659	3467	4491	4283
18"	TXB18-1/4	TXB18-1/4-3	1/4	1600	6	3050	2000		----	76	80	3348	3334	3889	3978
	TXB18-1/3	TXB18-1/3-3	1/3	1725	6	3375	2600	1400	----	77	85	3386	3437	4113	4299
	TXB18-1/2	TXB18-1/2-3	1/2	1890	6	3850	3100	2000	----	78	95	3512	3527	4343	4254
	TXB18-1	TXB18-1-3	1	1725	6	4600	4080	3000	2100	77	105	4007	3822	4770	4847
24"	TXB18-1 1/2	TXB18-1 1/2-3	1.5	1990	6	5350	4830	3950	3000	80	105	4194	3999	6386	5183
	TXB24-1/2	TXB24-1/2-3	1/2	1298	6	5643	4826	3500	----	78	120	3809	3822	4637	4548
	TXB24-3/4	TXB24-3/4-3	3/4	1600	6	6906	5900	4650	2750	80	130	4159	3965	4986	4780
	TXB24-1	TXB24-1-3	1	1725	6	7425	6350	5000	3300	84	140	4194	4031	4986	5063
	TXB24-1 1/2	TXB24-1 1/2-3	1.5	1540	6	8200	7650	6850	5500	81	145	5098	4905	7280	6085
	TXB24-2	TXB24-2-3	2	1600	6	9760	8830	8090	7000	82	170	5797	5173	7456	6351
	-----	TXB24-3-3	3	1725	6	10500	9500	8700	7800	86	190	----	5335	----	6607
	TXB27-3/4	TXB27-3/4-3	3/4	1250	6	8330	7550	6500	4650	78	150	5093	4891	5914	5715
27"	TXB27-1	TXB27-1-3	1	1400	6	9400	8480	7300	5200	82	155	5122	4964	5914	5982
	TXB27-1 1/2	TXB27-1 1/2-3	1.5	1600	6	10700	9700	8375	6000	84	170	5354	5158	7532	6328
	TXB27-2	TXB27-2-3	2	1350	6	11500	10700	9300	8000	81	210	5968	5342	7637	6531
	TXB30-1/2	TXB30-1/2-3	1/2	1140	4	8900	6660	2300	----	79	140	4814	4842	5647	5566
30"	TXB30-1	TXB30-1-3	1	1298	6	9867	7980	4120	----	82	150	5342	5188	6136	6213
	TXB30-1 1/2	TXB30-1 1/2-3	1.5	1035	6	11100	9700	7500	3500	78	165	5574	5379	7756	6561
	TXB30-2	TXB30-2-3	2	1176	6	12100	11000	9322	6700	81	215	6099	5477	7769	6664
	-----	TXB30-3-3	3	1350	6	13480	12498	11465	10380	84	215	----	5841	----	7101
	-----	TXB30-5-3	5	1650	6	16440	15242	13982	12659	88	230	----	5907	----	7289
	TXB34-1 1/2	TXB34-1 1/2-3	1.5	1170	6	13695	11100	6000	1015	82	190	6442	6252	8625	7422
34"	TXB34-2	TXB34-2-3	2	1027	6	14657	12590	10000	8000	81	240	7176	6553	8839	7739
	-----	TXB34-3-3	3	1175	6	17580	15896	14095	12000	85	260	----	6724	----	7985
	-----	TXB34-5-3	5	1416	6	20500	19000	17500	16000	88	305	----	6768	----	8163
	TXB42-1 1/2	TXB42-1 1/2-3	1.5	750	4	18960	14662	7200	----	78	250	7637	7673	10049	8846
42"	TXB42-2	TXB42-2-3	2	820	4	20700	17002	11400	4000	80	260	8175	7800	10094	8981
	-----	TXB42-3-3	3	890	4	23700	20200	16970	9950	82	260	----	7961	----	9222
	-----	TXB42-5-3	5	850	6	26900	24403	22250	18400	82	270	----	8378	----	9767
	-----	TXB48-5-3	5	800	6	33000	29000	25600	20000	85	375	----	12419	----	13811
48"	-----	TXB48-7 1/2-3	7.5	900	6	37000	34500	31000	27000	87	520	----	13192	----	15532

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 3/16"	18"
48"	48"	51"	49 5/8"	24"

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

Attic Fans

Power Attic Mount Dome Ventilator



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Features

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

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	228
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



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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
- Made in U.S.A.

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	177
08665202	AGD-1416B-G	White Aluminum Damper for GV-405-2	----	----	3	103

*@ 4:12 Pitch Roof

Belt Drive Wholehouse Fans



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

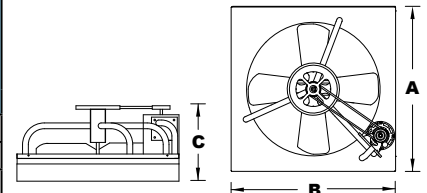
Features

- 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.

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	1033
07936302	BD30-2-WHS	30"	2	1/3	7600/5800	520/350	34	35.5	14.5	9	6.9/5.5	50	1110
07936402	BD36-2-WHS	36"	2	1/3	9675/6400	395/265	40	41.5	14.5	12	6.3/3.1	64	1220

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	183
07944602	CS-13-W	32X34	34X36	30"	10	191
07945302	CS-14-W	34X34	36X36	30"	10	201
07944702	CS-18-W	32X43	34X45	36"	11	217
07945202	CS-19-W	34X43	36X45	36"	11	235

"Joist out style" (For replacement only)

Control Options

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WT. (LBS)	LIST
07927002	2-SW	2 Speed wall switch & plate	1	51
05000802	1A22-7	SP Close on rise (Attic Thermostat) (80°-130°F)	1	64

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Loading Dock Lights - Shipped in 1-Carton

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Light Head Features

- 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)
- VA & DKLED models have vertical adjustment bracket allowing outer arm to adjust from 300° horizontally and 210° vertically
- All light heads will swivel 300°
- VA Models include an embedded electrical outlet for direct plug connection from the light head fixture and shipped fully-assembled
- DKLED units contain a die-cast aluminum light head with adjustable knobs, built-in on/off switch, and maintains an IP65 rating suitable for wet locations
- DKLED units use a 20° custom beam angle and 12 individual high-intensity LED emitters generating a neutral white color; with a CCT measuring 4,000K DKLED units provide a minimum life of 50,000 hours and offers a 5-year warranty, including CE & RoHS Certificates
- Designed for loading dock and work station environments
- ETL C/US Listed for indoor applications only, except QH models are semi-protected outdoor and DKLED models have IP65 rating suitable for wet location areas



Flexible elastomer arm moves when hit and then returns light to original position



LED 30-Watt



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Standard Models (120V)

MFG CATALOG NUMBER	MFG MODEL NUMBER	ARM LENGTH	# OF ARMS	MAX WATTS	WT. (LBS)	LIST
NO BULB						
04466502	DKL-40VA-A	40"	2	Maximum 300	14	259
04466602	DKL-60VA-A	60"	2		17	311
03854001	DKL-25-FLX	25"	1		17	274
LED - 3,300 Lumens, 4,000K CCT, 50,000-hour Avg. Bulb Life						
04922802	DKLED-40-30W	40"	2	30	13	400
04922902	DKLED-42-30W	42"	3		14	421



Loading Dock Lights - Modular (shipped in multiple cartons)

44

Modular Lights



DKL-INC



DKL-LED37



DKL-QH



DKL-LED-30W-SP



DKLED-30W-WP

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.



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	No Bulb Included	300	3,700	2,000	5	106
04465702	DKL-QH	Quartz Halogen	500	11,000	2,000	6	159
04881302	DKL-LED-37	LED	37	2,373	>30,000	5	424
04923002	DKLED-30W-WP	LED w/ Pin Connector Plug	30	3,300	50,000	7	302
04923102	DKLED-30W-SP	LED w/ Grounded Plug	30	3,300	50,000	7	302

Mounting Arms



DKL-40VA-ARM



60-LDA



24-LDA



The outer arm on 40VA & 60VA 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	161
04465502	DKL-60VA-ARM	60"	2	24	204
04465302	24-LDA	24"	1	11	126
04466102	40-LDA**	40"	3	18	217
04466202	60-LDA**	60"	3	24	252

**Indicates heavy duty dock arms (Horizontal swing only, no vertical movement)

Loading Dock Arm 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 and aluminum blades
- Imported to TPI specifications

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Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	CFM			VELOCITY PROFILE MAX. CFM	AMPS HIGH	WT. (LBS)	LIST
		HIGH	MED	LOW				
07971802	LDF-18-TE	1800	1500	1300	2900	2.2	20	257

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

Machine Tool Lights

Water Resistant Fluorescent or LED Tube Lights



23-TLP-24VDC



29-LED



21-LED

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

Features

- All tube lights come standard with a durable, lightweight, economical, shatter-resistant polycarbonate tube housing
- Stainless steel mounting brackets (2), fasteners and threaded conduit fitting included with all models
- LEDTLP Models are ETL C/US Listed for NEMA Type 13 applications - oil / water / coolant spray areas (not submersible) and dusty atmospheres
- LED Models operate at 120V and include an 8' long, 18/3 SJTOW cord with NEMA 5-15 grounded plug
- LED Models comply with part-15 of the FCC rule
- Model 21-LEDTLP-120-16 includes an aluminum enclosure with on/off power switch
- Model 21-LED generates 100-watts of an incandescent light output equivalent, but only consumes 16-watts of power; Model 29-LED generates 150-watts, using only 26-watts of power.
- 23-TLP-24VDC uses a fluorescent bulb and operates at low voltage of 24V DC, includes on board ballast and 2' long lead wires for direct connection; unit is NOT ETL Listed
- All units are made in the U.S.A.

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	WATTS	VOLTS	LUMENS	OVERALL LENGTH	TUBE MATERIAL	BALLAST INCLUDED	WT. (LBS)	LIST
04829302	23-TLP-24VDC	Fluorescent, w/wire leads	18	24VDC	1250	23"	Polycarbonate	Yes	6	528
04891802	21-LEDTLP-120-16	LED, on/off switch enclosure & cordset	16	120V	1200	21"	Polycarbonate	No	4	604
04891902	29-LEDTLP-120-26	LED w/cordset	26	120V	2800	29"	Polycarbonate	No	3	673

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	23-TLP-24VDC	1	80

Commercial Duty Portable Utility Lights

CL 300 (Clamp on Model)



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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
- 11-watt LED bulb included
- 8' long - 18/3 SPT cordset with NEMA 5-15 plug
- Imported to TPI specifications.

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	11-Watt, LED	300	120	800	25,000	3	96

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

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