



# TPI CORPORATION

*America's Comfort Conditioning Company*



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## 2018 ELECTRICAL PRODUCTS CATALOG



FANS

LIGHTS

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

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TPI Corporation provides a limited warranty of materials and workmanship for a period of (i) ten (10) years for elements in 2900 Series baseboard heaters, (ii) two (2) years for Thermostats and Controls, (iii) five (5) years on HD and HDH series fans, (iv) three (3) years on UHP and IHP series fans, (v) and twelve (12) months for all other products, with the warranty period commencing on the original date of purchase. The TPI warranty is limited to materials manufactured and work performed by TPI Corporation, and does not include damage or failure caused by acts of God, abuse, misuse, connected to or placed on other than rated voltage, abnormal usage, faulty installation, failure to follow suggested maintenance procedures enclosed with the product, improper maintenance or any repairs other than those provided by an authorized TPI Corporation service center. For the name of your nearest authorized TPI Corporation service center, please write to TPI Corporation, P.O. Box 4973, Johnson City, Tennessee, 37602 or call 1-800-682-3398.

During the warranty period, TPI Corporation will, at its sole option, repair or replace any defective parts or products returned, freight prepaid, to the TPI Corporation factory or such other location as TPI Corporation may designate. No parts or products will be accepted for repair or replacement without prior authorization from TPI Corporation and a return merchandise authority (RMA) number issued by TPI Corporation. Returned products must be packaged carefully and TPI Corporation shall not be responsible for damage in transit. When returning parts, the owner must provide the model number of the product and nature of difficulty being experienced.

This warranty does not obligate TPI Corporation to bear the cost of labor in replacing any assembly, unit or component part thereof, nor does TPI Corporation assume any liability for secondary charges, expenses for installing or removal, freight or damages. There will be charges rendered for product repairs made after the warranty period has expired. Proof of purchase, including date, must accompany request for in-warranty service. This warranty gives you specific legal rights and you may have other rights, which may vary, from state to state.

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

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

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

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

## Ventilation Products Warranty Coverage

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

## RETURN POLICY:

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

## TPI COMMERCIAL CIRCULATORS STATEMENT:

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

# TPI Industrial Assembled Maximum Duty Circulators

2

## Features

- Easy access hinged guard
- 18" drop down, 2-Speed switch
- Cord options are shown below
- Steel hub/spider aluminum paddle blades
- Powder coated steel guards
- Meets OSHA standards
- 5 year limited warranty
- Made in U.S.A. with domestic and foreign components.

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



Intertek



Closed (Front)



Open (Front)



## Motor Specifications

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

## Pedestal Specifications

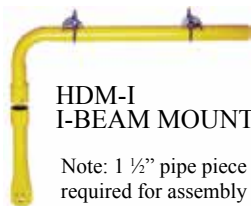
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

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



HDM-C  
CEILING MOUNT

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



HDM-I  
I-BEAM MOUNT

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



HDM-W  
WALL MOUNT



OPTIONAL  
WHEEL KIT

## Standard Models

| ASSEMBLED FAN HEAD |                  | COLOR  | BLADE SIZE | HP  | CFM* / RPM  |            | VELOCITY PROFILE | AMPS | WT. (LBS) | HEAD LIST  |
|--------------------|------------------|--------|------------|-----|-------------|------------|------------------|------|-----------|------------|
| MFG CATALOG NUMBER | MFG MODEL NUMBER |        |            |     | HIGH        | LOW        | CFM / Area Sq Ft |      |           |            |
| 08744402           | HDH 24-JR        | Yellow | 24"        | 1/2 | 5600 / 1100 | 4900 / 800 | 7500 / 260       | 3.5  | 44        | <b>688</b> |
| 08744602           | HDH 30-JR        | Yellow | 30"        |     | 6800 / 1100 | 6000 / 800 | 8000 / 270       | 4    | 48        | <b>707</b> |
| 08745002           | HDH 24-GJR       | Gray   | 24"        |     | 5600 / 1100 | 4900 / 800 | 7500 / 260       | 3.5  | 44        | <b>688</b> |
| 08745102           | HDH 30-GJR       | Gray   | 30"        |     | 6800 / 1100 | 6000 / 800 | 8000 / 270       | 4    | 48        | <b>707</b> |

\*Measured 2 feet from face of fan

## Accessories

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

# TPI Industrial Unassembled Maximum Duty Circulators

## Features

- Easy access hinged guard
- 18" drop down, 2-Speed switch
- Cord options are shown below
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- Made in U.S.A. with domestic and foreign components.

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



Closed (Front)



Open (Front)



## Motor Specifications

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

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

## Product Specifications

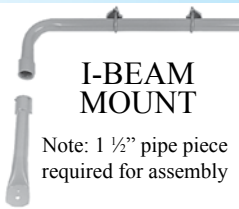
- Pedestal pole adjusts the center of the fan from 48 to 67 inches.
- Pedestal steel dome base is 27" in diameter and has 5 carriage bolts.

## TPI Industrial Mounts



### CEILING MOUNT

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



### I-BEAM MOUNT

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



### WALL MOUNT



### SUSPENSION MOUNT

### OPTIONAL WHEEL KIT



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

## Standard Models

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

## Accessories

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

# TPI Industrial Heavy Duty Yellow Air Circulator

## Features

- Pull chain switch
- Cord-SJT type 3 conductor, 12' long
- Steel hub/spider aluminum paddle blades
- Powder coated steel guards
- Meets OSHA standards
- 5 year limited warranty
- Made in U.S.A. with domestic and foreign components.

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

## Motor Specifications

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

## Pedestal Specifications

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



HDH-30 FAN HEAD  
WITH HDM-P  
PEDESTAL MOUNT

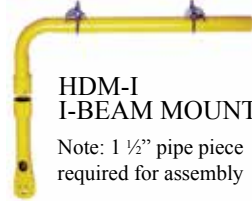


## Factory Assembled and Tested Fan Heads, Mounts, and Wheel Kits



HDM-C  
CEILING MOUNT

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



HDM-I  
I-BEAM MOUNT

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



HDM-W  
WALL MOUNT



OPTIONAL  
WHEEL KIT

## Standard Models

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

\*Measured 2 feet from face of fan

# TPI Industrial Assembled Circulator Heads and Mounts

## Features

- Pull chain switch
- SJT type 3 conductor, 12' long cord
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- Made in U.S.A. with domestic and foreign components.

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

## Motor Specifications

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



ACH 30

## Product Specifications

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

## Standard Models

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

\*Measured 2 feet from face of fan

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

## Industrial Mounts

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

# TPI Industrial Unassembled Circulators

6

## Features

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



WALL  
MOUNT



PEDESTAL

## Motor Specifications

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

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

## Product Specifications

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

## Standard Models

| FAN TYPE        |                  | HIGH PERFORMANCE          |                        |              |            | MAX<br>AMPS              | STANDARD INDUSTRIAL       |              |            |                          | MAX<br>AMPS            | OSCILLATING               |            |  |  | MAX<br>AMPS |
|-----------------|------------------|---------------------------|------------------------|--------------|------------|--------------------------|---------------------------|--------------|------------|--------------------------|------------------------|---------------------------|------------|--|--|-------------|
| MOTOR           | HP               | 1/3                       |                        |              |            |                          | 1/4                       |              |            |                          |                        | 1/4                       |            |  |  |             |
|                 | SPEEDS           | 2                         |                        |              |            |                          | 2                         |              |            |                          |                        | 2                         |            |  |  |             |
| CFM / RPM       | 24”              | 4300 / 3900<br>1100 / 800 |                        |              |            | 2.8                      | 3800 / 3400<br>1100 / 800 |              |            |                          | 2.5                    | 3800 / 3400<br>1100 / 800 |            |  |  | 2.5         |
|                 | 30”              | 5400 / 4700<br>1100 / 800 |                        |              |            | 3.0                      | 4300 / 3800<br>1100 / 800 |              |            |                          | 2.7                    | 4300 / 3800<br>1100 / 800 |            |  |  | 2.7         |
| COLOR           |                  | GRAY                      |                        |              |            |                          | GRAY                      |              |            |                          |                        | GRAY                      |            |  |  |             |
| POLE ADJUSTMENT |                  | 52” to 78”                |                        |              |            |                          | 52” to 78”                |              |            |                          |                        | 52” to 78”                |            |  |  |             |
| WARRANTY        |                  | 3 YEARS                   |                        |              |            |                          | 1 YEAR                    |              |            |                          |                        | 1 YEAR                    |            |  |  |             |
| SIZE            | TYPE of<br>MOUNT | MFG<br>CATALOG<br>NUMBER  | MFG<br>MODEL<br>NUMBER | WT.<br>(LBS) | LIST       | MFG<br>CATALOG<br>NUMBER | MFG<br>MODEL<br>NUMBER    | WT.<br>(LBS) | LIST       | MFG<br>CATALOG<br>NUMBER | MFG<br>MODEL<br>NUMBER | WT.<br>(LBS)              | LIST       |  |  |             |
| 24”             | Pedestal Mount   | 07990002                  | UHP 24-P               | 75           | <b>624</b> | 07962302                 | ACU 24-P                  | 75           | <b>465</b> | 07964002                 | ACU 24-PO              | 79                        | <b>705</b> |  |  |             |
|                 | Wall Mount       | 07990202                  | UHP 24-W               | 45           | <b>509</b> | 07962402                 | ACU 24-W                  | 45           | <b>387</b> | 07964102                 | ACU 24-WO              | 49                        | <b>590</b> |  |  |             |
| 30”             | Pedestal Mount   | 07990102                  | UHP 30-P               | 73           | <b>644</b> | 07962802                 | ACU 30-P                  | 73           | <b>478</b> | 07964202                 | ACU 30-PO              | 82                        | <b>719</b> |  |  |             |
|                 | Wall Mount       | 07990602                  | UHP 30-W               | 48           | <b>528</b> | 07962902                 | ACU 30-W                  | 48           | <b>401</b> | 07964302                 | ACU 30-WO              | 52                        | <b>604</b> |  |  |             |

# TPI Industrial 20" Circulators



PEDESTAL



WALL MOUNT



## Features

- Pull chain switch
- SJT type 3 conductor, 12' long cord
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- 1 Year limited warranty
- Made in U.S.A. with domestic and foreign components.

## DIMENSIONS

22" Diameter x 14.5" Depth

## Motor Specifications

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

## Standard Models

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

# TPI Industrial Circulator Components

## Motors

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

## Guards & Blades

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

## Mounts

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

# TPI Industrial Specialty Circulator Heads

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\*Listing applies to 277V models only.

## Features

- No cord-junction box provided for hard wiring
- Steel hub/spider aluminum paddle blades
- Coated steel guards
- Meets OSHA standards
- 1 year limited warranty
- Made in U.S.A. with domestic and foreign components.

## Motor Specifications

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

## Standard Models

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

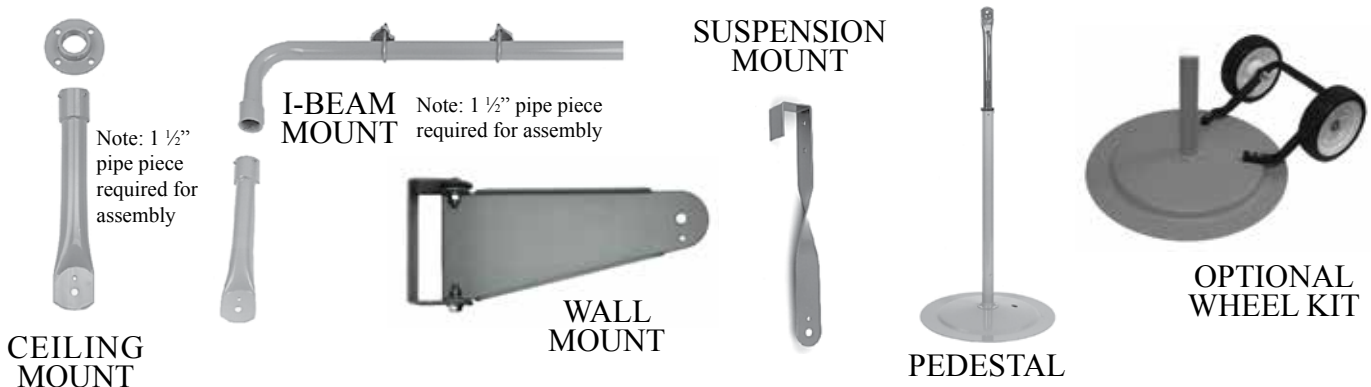
\*Measured 2 feet from face of fan

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

## Product Specifications

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

## Standard Models



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

# TPI Commercial Circulators



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

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## Commercial Circulator

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



PEDESTAL MOUNT



WALL MOUNT

### Features

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

### Motor Specifications

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

### Standard Models

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

\*Measured 2 feet from face of fan

Note: Stocked models may differ in appearance from photograph

## TPI Commercial Oscillating Fans

Commercial wall mount and pedestal fans now available from TPI.

Units imported to TPI specifications.

### Standard Models



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

\*Measured 2 feet from face of fan

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

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

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### Features

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

### Motor Specification

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

### Standard Models

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

\*Measured 2 feet from face of fan

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

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



SWIVEL

CPBS 30-D



FLOOR



CPB 36-D

### Features

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

### Motor Specification

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

### Standard Models

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

\*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

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STANDARD  
MODEL



SWIVEL  
MODEL



## Features

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

## Motor Specifications

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

## Standard Models

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

\*Measured 2 feet from face of fan

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

# 48" TPI Industrial Direct Drive Portable Blowers



## Features

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

## Motor Specifications

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

## Features

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

\*Measured 2 feet from face of fan

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

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

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STANDARD  
MODEL



SWIVEL  
MODEL

## Features

- Comes in sizes 36", 42", and 48"
- Rocker switch on 120V, Single Phase models
- SJT type 3 conductor, 12' long cord on 120V, Single Phase models / no cord on dual voltage models
- Aluminum, 4 paddle blade (48" PB / PBS have steel blade)
- Spiral, wire front and rear guards
- Corrosion and dent proof high density polyethylene housing
- 8" wheels (36" model), 10" wheels (42" & 48" models)
- Swivel model rotates 130° in 12 ½° increments and locks in place with a steel locking pin
- External junction boxes on dual voltage models allow units to be wired for either voltage without removing guards
- Hazardous location models have explosion proof motors, metal housings, and external junction boxes rated for Class I, Group D and Class II, Groups E, F, & G
- Meets OSHA standards
- 1 year limited warranty
- Made in U.S.A.



CORDWRAP INCLUDED  
WITH STANDARD MODEL

## Motor Specifications

- 1-Speed
- Permanently lubricated
- Ball bearing

## Standard Models

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

\*\*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

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## Features

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

## Motor Specifications

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

## Standard Models

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

\*Measured 2 feet from face of fan

# TPI Industrial Belt Drive Suspension Blowers



## Features

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

## Motor Specifications

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

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

## Standard Models

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

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

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

# TPI Industrial Heavy Duty Direct Drive Blowers

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

## Manual Starter Switches

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

## Polyolifin Casters

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

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

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

# TPI Industrial Heavy Duty Permanent Mount Direct Drive Blowers

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## Features



1-WAY  
SWIVEL



2-WAY  
SWIVEL

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

### NOTE:

Single Phase motors are field convertible 115V / 230V

Three Phase motors are field convertible 230V / 460V

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

## Standard Models

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

## Exhaust Ventilation Guide

Minute air change chart for  
Commercial and Industrial Applications.

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

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

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

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

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

## TPI Industrial Mini-Blowers



FLOOR  
MODEL



MBM-W  
(optional wall/ceiling mount)



YOKE MOUNTED  
MODEL

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

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

### Features

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

### Motor Specifications

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

### Standard Models

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

\*Measured 2 feet from face of fan

## TPI Industrial Heavy Duty Square Belt Drive Portable Blowers



4" CASTERS

### Features

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

### Motor Specifications

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

### Standard Models

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

\*Measured 2 feet from face of fan

# Industrial Workstation Floor Fans

17



HIGH STAND



FLOOR MODEL

## Features

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

## Motor Specifications

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

## Standard Models

| SIZE | MFG CATALOG NUMBER | MFG MODEL NUMBER | FAN TYPE    | MOTOR HP | CFM** / RPM |             |             | VELOCITY PROFILE<br>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        | <b>152</b> |
| 18"  | 07972902           | F-18-TE          |             | 1/8      | 1800 / 1660 | 1500 / 1550 | 1300 / 1370 | 2900 / 125                           | 20 1/2"    | 20 1/2" | 10 1/2" | 1.5      | 20        | <b>191</b> |
| 24"  | 08528502           | F-24-TE          |             | 1/8      | 2100 / 1634 | 1900 / 1484 | 1600 / 1200 | 3500 / 150                           | 26"        | 26"     | 10 1/2" | 2.4      | 23        | <b>230</b> |
| 24"  | 08775402           | F-24-TE-HV       |             | 1/4      | 3800 / 1100 | 3600 / 950  | 3400 / 800  | 6000 / 240                           | 26"        | 26"     | 10 1/2" | 2.7      | 25        | <b>260</b> |
| 18"  | 07973002           | F-18H-TE*        | HIGH STAND  | 1/8      | 1800 / 1660 | 1500 / 1550 | 1300 / 1370 | 2900 / 125                           | 53"        | 25"     | 27"     | 2.2      | 27        | <b>277</b> |
| 24"  | 08540602           | F-24H-TE*        |             | 1/8      | 2100 / 1634 | 1900 / 1484 | 1600 / 1200 | 3500 / 150                           | 53"        | 30"     | 27"     | 2.4      | 30        | <b>310</b> |

\*\*Measured 2 feet from face of fan

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

# Corrosion Resistant Industrial Workstation Fans

## Features

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

## Motor Specifications

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

## Standard Models

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

\*Measured 2 feet from face of fan



HIGH STAND



WALL/CEILING MODEL



FLOOR MODEL

# Industrial Mounted Workstation Fans

18



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

## Features

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

## Motor Specifications

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

## Standard Models

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

\*Measured 2 feet from face of fan

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

## Pipe Mount Adaptor

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

# TPI Commercial Floor Fans



CF-20

## Features

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



## Motor Specification

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

## Standard Models

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

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

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

# Workstation Oscillating Office Fans



STAND FAN

DESK FAN



## Features

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

## Standard Models

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

# Workstation Wall Mount Fan With Pivoting Arm

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

19



## Mounting Arm Features

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

## Modular Fan Features

- 18" high velocity circulator, with 3 speed, 1/8 HP, 115V, 1-Phase permanently lubricated, totally enclosed, PSC motor
- Modular fan plugs into electrical outlet on arm
- Coated steel guards / Aluminum blades
- Meets OSHA standards / 1 year limited warranty

Use on loading docks to cool off workers entering hot truck trailers.

Use at factory workstations to cool off people or the machines.

## Standard Models

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

\*Measured 2 feet from face of fan

## Optional Modular Lights



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

## Light Features

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

## Standard Models

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

# Low Velocity "Special Application" Workstation Fan



WALL MOUNT

BENCH MOUNT

CEILING MOUNT

## Features

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

## Standard Models

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

\*Measured 2 feet from face of fan

# Portable Workstation Evaporative Coolers

20



FRONT  
Patented

## Evap-Mini - Features

- Lowers temperatures up to 30°F
- Water level sight tube and sump drain
- ¾" garden hose connection for longer running
- Durable one-piece, rust free, leak-proof molded polyethylene housing
- Environmentally friendly efficient and effective
- Cools for a fraction of the cost of air conditioning
- Cools without chemicals or refrigerants
- Long-term dependability-near maintenance-free operation
- Shipped completely assembled - ready to operate out of the box



## Standard Models

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

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

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

## Hazardous Location - Standard Models



FRONT  
Patented

## Hazardous Location - Specific Features

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



CONTROL  
Patented



## Hazardous Location - Standard Models

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

# Portable Evaporative Coolers

21



FRONT  
Patented



FRONT  
Patented



BACK  
Patented

## Features

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



BACK  
Patented

## Standard Models

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

## Replacement Media Pads



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

\*Pricing is for complete set

# Portable 18" Self Contained Power Mister

22



PM-18C



PM-18S



PM-18FO

Note: Tank lid not included.

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

## Features

- Toggle Switch - fan only or fan & mist
- SJT type cord - 3 conductor - 18' long with GFCI plug
- 18" Aluminum blade
- Spiral front and rear wire guards
- Standard model - Low Pressure 85 PSI diaphragm pump
- HD model - Medium Pressure 125 PSI diaphragm pump
- Meets OSHA standards / 1 year limited warranty / Made in U.S.A.

## Motor Specification

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

## Standard Models

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

\*Measured 2 feet from face of fan

**18" Fan & Pump Lid for 10gal. Tank**

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

# Industrial Ceiling Fans



## Features

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

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

## Commercial Grade

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

## Industrial Grade

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

## Heavy Duty Grade

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

## Standard Models

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

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

## Solid State Controls (120 & 277V Models)

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

## Options

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

# Shutter Mounted Direct Drive Exhaust Fans

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## Features

- Can be installed from inside wall
- Eliminates need for external framing and shutter
- Pull chain switch
- No Cord-Junction box provided for direct wiring
- Aluminum blade
- Steel spiral wire guards
- Made in U.S.A. with domestic and foreign components.
- See sizing chart on page15

## Motor Specifications

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

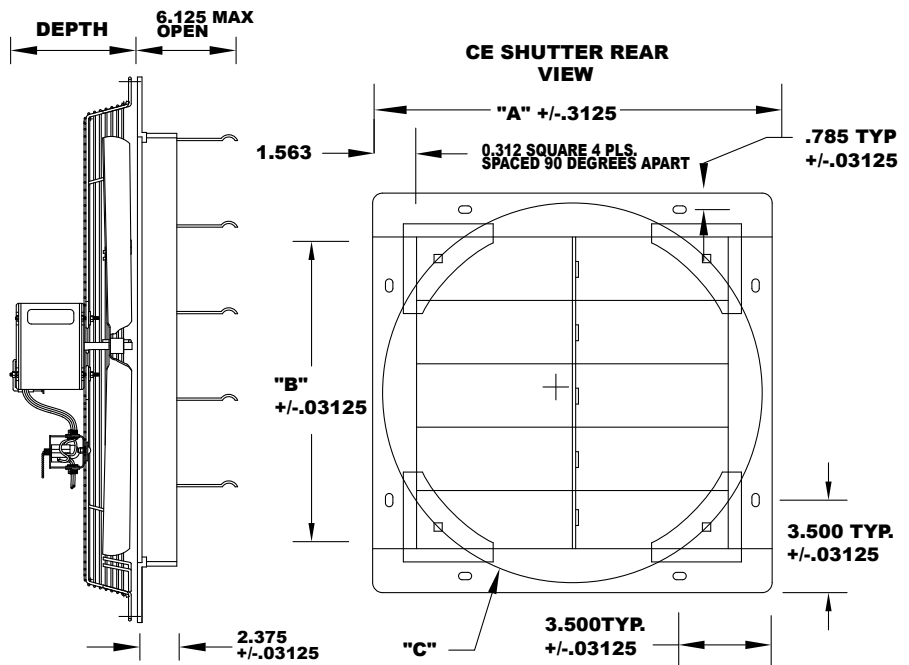


## Standard Models

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

## Dimensions (Inches)

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



# Guard Mounted Direct Drive Exhaust Fans

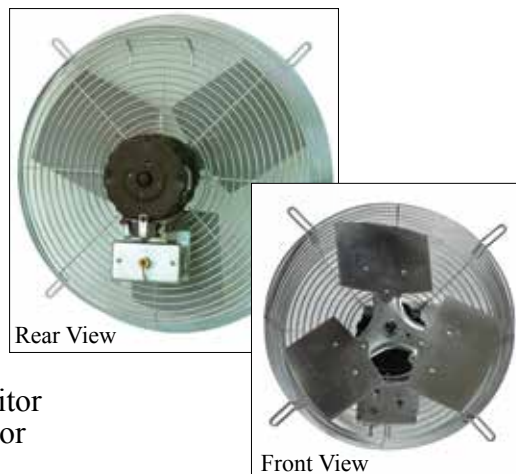
24

## Features

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

## Motor Specifications

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

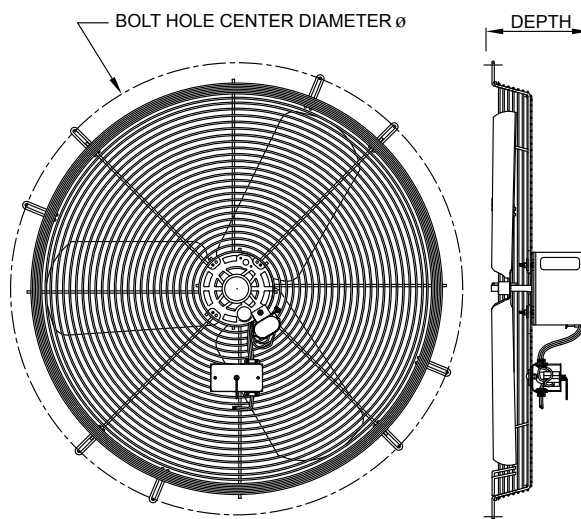


## Standard Models

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

## Dimensions (Inches)

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



## Optional Wall Shutters

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

# Venturi Mounted Direct Drive Exhaust Fans

## Features

- Can be installed from inside wall
- Can be used with external shutter
- Pull chain switch
- No Cord-Junction box provided for direct wiring
- Aluminum blade
- Steel spiral wire guards
- Made in U.S.A. with domestic and foreign components.

## Motor Specifications

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

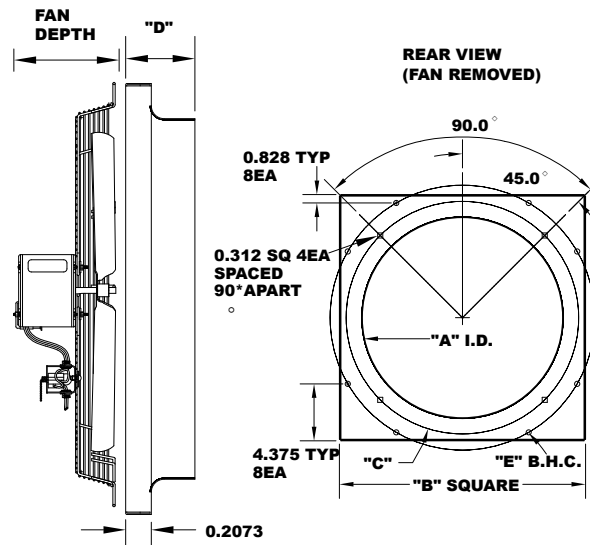


## Standard Models

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

## Dimensions (Inches)

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



## Optional Wall Shutters

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

# Commercial Exhaust Fans & Shutters

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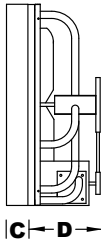
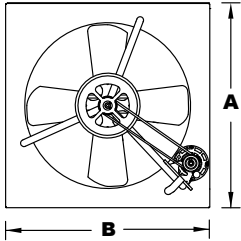
## Belt-Drive Exhaust Fan

### Features

- 120V, 1 phase or 230 / 460V, 3-Phase, ball bearing, permanently lubricated, drip proof motor
- Permanently lubricated bearings on blade drive shaft
- Aluminum blade
- Powder coated venturi
- 1725 RPM • Motor frame size 56 •  $\frac{5}{8}$ " shaft
- 1 year warranty
- Made in U.S.A.



### Dimensions (Inches)



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

### Standard Models

| SIZE | MOTOR HP | AMPS |           | CFM   | WT. (LBS) | 115V 1-PHASE       |                  |             | 230/460V 3-PHASE   |                  |             |
|------|----------|------|-----------|-------|-----------|--------------------|------------------|-------------|--------------------|------------------|-------------|
|      |          | 115V | 230/460V  |       |           | MFG CATALOG NUMBER | MFG MODEL NUMBER | LIST        | MFG CATALOG NUMBER | MFG MODEL NUMBER | LIST        |
| 24   | 1/3      | 5    | 1.9 / .9  | 3000  | 50        | 07967002           | CE-24B           | <b>782</b>  | 08510402           | CE-24B-3         | <b>899</b>  |
| 30   | 1/3      | 6    | 1.9 / .9  | 4500  | 60        | 07967102           | CE-30B           | <b>881</b>  | 08510502           | CE-30B-3         | <b>1005</b> |
| 36   | 1/2      | 8    | 2.3 / 1.1 | 6900  | 65        | 07967202           | CE-36B           | <b>1017</b> | 08510602           | CE-36B-3         | <b>1137</b> |
| 42   | 3/4      | 11   | 3.3 / 1.5 | 10600 | 75        | 07967302           | CE-42B           | <b>1277</b> | 08510702           | CE-42-B-3        | <b>1583</b> |
| 48   | 1        | 15   | 3.8 / 1.9 | 14400 | 98        | 07967402           | CE-48B           | <b>1595</b> | 08510802           | CE-48-B-3        | <b>1687</b> |

### Optional Exhaust Shutters



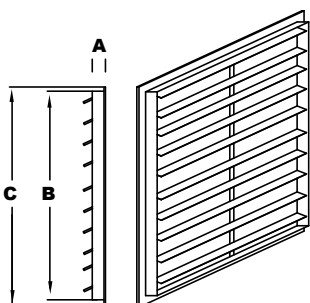
### Features

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

### Standard Models

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

### Shutter Dimensions (Inches)



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

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

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

# Industrial Direct Drive Exhaust Fans

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## Features

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

## Options

- CES Shutters
- EMF Front Guards
- IBG Rear Guards



## Standard Models

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

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

## Dimensions

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

Note: Depth dimension varies with motor selection.

# Industrial Belt Drive Exhaust Fans

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## Features

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



## Options

- CES Shutters
- EMF Front Guard
- IBG Rear Guards

## Standard Models

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

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

## Dimensions

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

Note: Depth dimension varies with motor selection.

# Heavy Duty Direct Drive Exhaust Fans

## Features

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

## Options

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



## Standard Models

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

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

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

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

\*Not all EXP motors are 208V capable.

## Dimensions

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

Note: Depth dimension varies with motor selection.

# Heavy Duty Belt Drive Exhaust Fans

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## Features

- Totally enclosed and explosion proof motors
  - Explosion proof motors are Class 1, Div 1 Group D and Class 2, Div 1, Groups F & G
- Fans are shipped completely assembled
- Heavy gauge steel blades on TEC models
- Cast aluminum blades on EXP explosion proof models
- 14 gauge steel panel with welded steel pipe bracing
- 1 year limited warranty
- For optimum shutter efficiency, mount shutter  $\frac{1}{3}$  the distance of the fan opening size. Example: 36" fan shutter would be mounted 12" from the fan blade.

## Options

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



## Standard Models

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

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

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

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

\*Not all EXP motors are 208V capable.

## Dimensions

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

Note: Depth dimension varies with motor selection.

# Cabinet Exhaust Fans With Shutters

## Features

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



## Standard Models

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

## Dimensions

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

# Exhaust Fan Accessories - Heavy Duty Exhaust Shutter

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## Features

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

## Standard Models

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



## Heavy Duty Shutter Motor Kit Features



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

## Standard Models

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

## Motorized Supply Air Intake Shutter

### Features

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

### Standard Models

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



## Rear Box Guard Bolt Together With Wire Guards



### Features

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

### Standard Models

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

## Rear Expanded Metal Box Guard



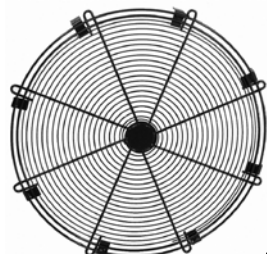
### Features

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

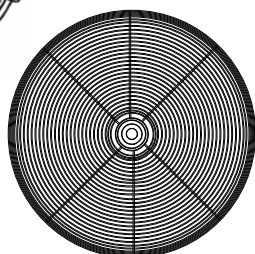
### Standard Models

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

## Spiral Front and Rear Guards



Spiral Front



Spiral Rear

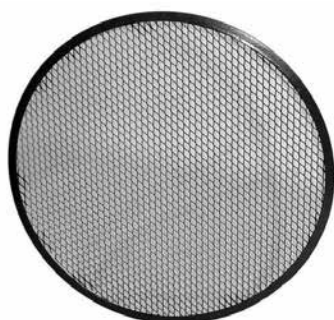
### Features

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

### Standard Models

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

## Expanded Metal Front Guard



Expanded metal guard  
60"

### Features

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

### Standard Models

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

## Cabinet Exhaust Fan Package Option

### With Bolt Together Rear Guard

#### Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

#### Standard Models

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



#### Features

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

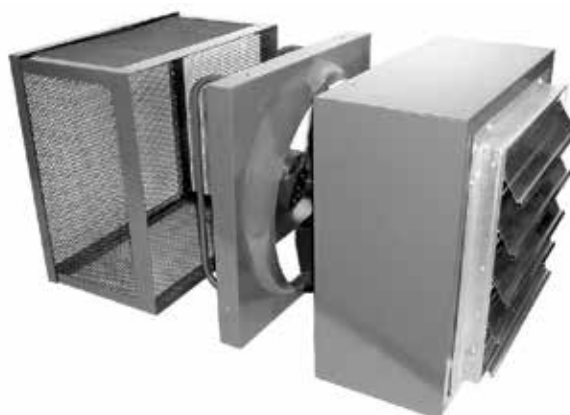
### With Expanded Metal Rear Guard

#### Package Includes

- Wall collar
- Automatic shutter
- Rear box guard

#### Standard Models

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



#### Features

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

## Exterior Weather Hood Option

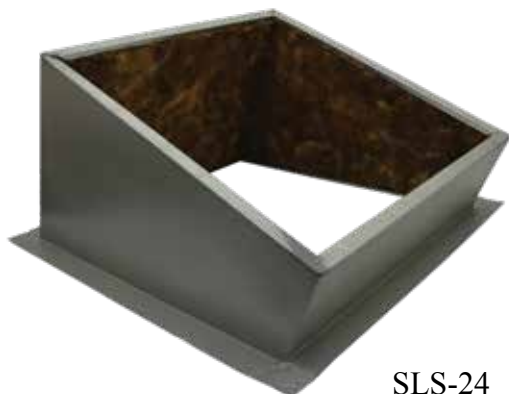
#### Features

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

#### Standard Models

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





SLS-24

## Features

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

## Standard Models

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

## Back Draft Dampers to Fit in Curb

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

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

## Motor Kit for Dampers

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

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

# Belt Drive Hooded Roof Ventilators

36



CLOSED



OPEN

## Features

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

## Options

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

## Dimensions

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

## Standard Models

| BLADE<br>SIZE | 1-PHASE<br>115/230V | 3-PHASE<br>208/230/460v | HP  | RPM  | C.F.M. - STATIC PRESSURE |       |        |       | Db's<br>@ 10' | WT.<br>(LBS) | LIST  |       |       |       |
|---------------|---------------------|-------------------------|-----|------|--------------------------|-------|--------|-------|---------------|--------------|-------|-------|-------|-------|
|               | MFG MODEL NUMBER    |                         |     |      | EXHAUST                  |       | INTAKE |       |               |              |       |       |       |       |
|               |                     |                         |     |      | 1 PH                     | 3 PH  | 1 PH   | 3 PH  |               |              |       |       |       |       |
| 24"           | RE24-1/4            | RE24-1/4-3              | 1/4 | 780  | 4900                     | 4222  | 2807   | 800   | 60            | 340          | 6414  | 6387  | 6414  | 6387  |
|               | RE24-1/2            | RE24-1/2-3              | 1/2 | 980  | 6219                     | 5716  | 5061   | 2600  | 66            | 350          | 6646  | 6578  | 6646  | 6578  |
|               | RE24-3/4            | RE24-3/4-3              | 3/4 | 1140 | 7090                     | 6648  | 6144   | 4413  | 71            | 360          | 6789  | 6681  | 6789  | 6681  |
|               | RE24-1              | RE24-1-3                | 1   | 1250 | 7180                     | 6696  | 6271   | 4464  | 73            | 365          | 7157  | 6954  | 7157  | 6954  |
| 30"           | RE30-1/3            | RE30-1/3-3              | 1/3 | 595  | 7909                     | 6380  | 3617   | 767   | 60            | 385          | 7445  | 7404  | 7445  | 7404  |
|               | RE30-1/2            | RE30-1/2-3              | 1/2 | 640  | 8507                     | 7170  | 4486   | 1373  | 64            | 385          | 7559  | 7491  | 7559  | 7491  |
|               | RE30-3/4            | RE30-3/4-3              | 3/4 | 770  | 10235                    | 9192  | 7657   | 3833  | 66            | 400          | 7819  | 7711  | 7819  | 7711  |
|               | RE30-1              | RE30-1-3                | 1   | 975  | 10668                    | 9959  | 8626   | 5184  | 70            | 400          | 8079  | 7873  | 8079  | 7873  |
| 36"           | RE30-1 1/2          | RE30-1 1/2-3            | 1.5 | 1140 | 12473                    | 11867 | 11112  | 8135  | 77            | 410          | 8242  | 7935  | 8242  | 7935  |
|               | RE36-1/3            | RE36-1/3-3              | 1/3 | 460  | 9113                     | 6992  | 3722   | 486   | 64            | 425          | 9021  | 8979  | 9021  | 8979  |
|               | RE36-1/2            | RE36-1/2-3              | 1/2 | 530  | 10500                    | 8821  | 5985   | 2084  | 66            | 425          | 9130  | 9061  | 9130  | 9061  |
|               | RE36-3/4            | RE36-3/4-3              | 3/4 | 605  | 11985                    | 10583 | 8563   | 4017  | 68            | 435          | 9313  | 9205  | 9313  | 9205  |
|               | RE36-1              | RE36-1-3                | 1   | 665  | 13174                    | 11932 | 10299  | 5729  | 70            | 440          | 9524  | 9319  | 9524  | 9319  |
|               | RE36-1 1/2          | RE36-1 1/2-3            | 1.5 | 720  | 13660                    | 12012 | 9579   | 5000  | 72            | 440          | 9898  | 9558  | 9898  | 9558  |
| 42"           | RE36-2              | RE36-2-3                | 2   | 870  | 16554                    | 15376 | 14088  | 9691  | 74            | 455          | 10636 | 10058 | 10636 | 10058 |
|               | RE42-1/2            | RE42-1/2-3              | 1/2 | 390  | 12343                    | 9352  | 4957   | 1642  | 65            | 540          | 10119 | 10049 | 10119 | 10049 |
|               | RE42-3/4            | RE42-3/4-3              | 3/4 | 435  | 14040                    | 11530 | 7633   | 3311  | 67            | 545          | 10473 | 10365 | 10473 | 10365 |
|               | RE42-1              | RE42-1-3                | 1   | 490  | 15429                    | 13194 | 10438  | 4668  | 69            | 555          | 10684 | 10480 | 10684 | 10480 |
|               | RE42-1 1/2          | RE42-1 1/2-3            | 1.5 | 550  | 17420                    | 15421 | 13117  | 7289  | 71            | 560          | 10896 | 10555 | 10896 | 10555 |
|               | RE42-2              | RE42-2-3                | 2   | 725  | 20653                    | 19128 | 17503  | 11319 | 74            | 570          | 11559 | 10984 | 11559 | 10984 |
| 48"           | -----               | RE42-3-3                | 3   | 830  | 23645                    | 22296 | 20984  | 17290 | 79            | 585          | ----- | 11122 | ----- | 11122 |
|               | RE48-3/4            | RE48-3/4-3              | 3/4 | 370  | 17339                    | 13700 | 7389   | 2244  | 70            | 650          | 12282 | 12173 | 12282 | 12173 |
|               | RE48-1              | RE48-1-3                | 1   | 410  | 19188                    | 16078 | 10903  | 4037  | 71            | 660          | 12499 | 12294 | 12499 | 12294 |
|               | RE48-1 1/2          | RE48-1 1/2-3            | 1.5 | 465  | 21731                    | 19010 | 14991  | 7081  | 72            | 665          | 12690 | 12351 | 12690 | 12351 |
|               | RE48-2              | RE48-2-3                | 2   | 520  | 24274                    | 21943 | 19080  | 10125 | 74            | 680          | 13420 | 12841 | 13420 | 12841 |
|               | -----               | RE48-3-3                | 3   | 680  | 28150                    | 25683 | 23615  | 16930 | 80            | 700          | ----- | 13003 | ----- | 13003 |
| 54"           | -----               | RE48-5-3                | 5   | 800  | 33160                    | 30900 | 29290  | 25000 | 83            | 720          | ----- | 13106 | ----- | 13106 |
|               | RE54-1              | RE54-1-3                | 1   | 410  | 23130                    | 20588 | 17500  | 9600  | 73            | 910          | 14873 | 14667 | 14873 | 14667 |
|               | RE54-1 1/2          | RE54-1 1/2-3            | 1.5 | 450  | 25400                    | 22600 | 19300  | 10316 | 75            | 920          | 15173 | 14832 | 15173 | 14832 |
|               | RE54-2              | RE54-2-3                | 2   | 480  | 27200                    | 24312 | 20660  | 11010 | 76            | 930          | 15555 | 14975 | 15555 | 14975 |
|               | -----               | RE54-3-3                | 3   | 550  | 31213                    | 28722 | 25830  | 15420 | 77            | 940          | ----- | 15248 | ----- | 15248 |
| 60"           | -----               | RE54-5-3                | 5   | 660  | 37458                    | 35238 | 32893  | 26538 | 80            | 960          | ----- | 15363 | ----- | 15363 |
|               | RE60-1              | RE60-1-3                | 1   | 250  | 23090                    | 19161 | 12850  | ----- | 76            | 1150         | 15651 | 15446 | 15651 | 15446 |
|               | RE60-1 1/2          | RE60-1 1/2-3            | 1.5 | 340  | 28068                    | 23283 | 15624  | 8000  | 77            | 1150         | 16251 | 15909 | 16251 | 15909 |
|               | RE60-2              | RE60-2-3                | 2   | 390  | 32200                    | 26710 | 17924  | 9380  | 78            | 1200         | 16606 | 16027 | 16606 | 16027 |
|               | -----               | RE60-3-3                | 3   | 450  | 37183                    | 32356 | 25324  | 15013 | 84            | 1220         | ----- | 16306 | ----- | 16306 |
|               | -----               | RE60-5-3                | 5   | 540  | 44600                    | 41232 | 35819  | 23237 | 86            | 1240         | ----- | 16408 | ----- | 16408 |
|               | -----               | RE60-7 1/2-3            | 7.5 | 620  | 50184                    | 47603 | 43981  | 32880 | 89            | 1285         | ----- | 16988 | ----- | 16988 |

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

# Direct Drive Roof Ventilators



## Features

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

## Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

## Standard Models

| BLADE<br>SIZE | 1-PHASE<br>115/230V | 3-PHASE<br>208/230/460v | HP  | RPM  | C.F.M - STATIC PRESSURE |       |       |       | Db's<br>@ 10' | WT.<br>(LBS) | LIST  |       |      |       |
|---------------|---------------------|-------------------------|-----|------|-------------------------|-------|-------|-------|---------------|--------------|-------|-------|------|-------|
|               | MFG MODEL NUMBER    |                         |     |      | TEC                     |       | EXP*  |       |               |              |       |       |      |       |
|               |                     |                         |     |      | 1 PH                    | 3 PH  | 1 PH  | 3 PH  |               |              |       |       |      |       |
| 18"           | UED18-1/4           | UED18-1/4-3             | 1/4 | 1140 | 2570                    | 2263  | 1673  | 854   | 66            | 170          | 4777  | 4796  | 5100 | 5377  |
|               | UED18-1/3           | UED18-1/3-3             | 1/3 | 1725 | 3375                    | 3000  | 2600  | 1400  | 75            | 175          | 4419  | 4411  | 5107 | 5255  |
|               | UED18-1/2           | UED18-1/2-3             | 1/2 | 1725 | 4133                    | 3938  | 3724  | 3132  | 76            | 180          | 4539  | 4520  | 5233 | 5362  |
|               | UED18-1             | UED18-1-3               | 1   | 1725 | 4600                    | 4375  | 4080  | 3000  | 77            | 190          | 5059  | 4950  | 5767 | 5821  |
| 24"           | UED24-1/4           | UED24-1/4-3             | 1/4 | 1725 | 5200                    | 4200  | 2820  | ----  | 75            | 240          | 4943  | 4966  | 5268 | 5544  |
|               | UED24-3/4           | UED24-3/4-3             | 3/4 | 1140 | 6900                    | 6450  | 6265  | 3300  | 76            | 260          | 5984  | 5740  | 6670 | 6617  |
|               | UED24-1             | UED24-1-3               | 1   | 1725 | 7425                    | 7000  | 6350  | 5000  | 83            | 280          | 5396  | 5301  | 6110 | 6177  |
|               | -----               | UED24-3-3               | 3   | 1725 | 10500                   | 9800  | 9500  | 8700  | 85            | 295          | ----  | 5693  | ---- | 6765  |
| 30"           | UED30-3/4           | UED30-3/4-3             | 3/4 | 1140 | 10440                   | 9750  | 8750  | 6000  | 79            | 310          | 6265  | 5853  | 6954 | 6907  |
|               | -----               | UED30-1-3               | 1   | 870  | 10800                   | 10100 | 9100  | 6360  | 74            | 330          | ----  | 6805  | ---- | ----  |
|               | UED30-1 1/2         | UED30-1 1/2-3           | 1.5 | 1140 | 10410                   | 9686  | 8834  | 6420  | 81            | 325          | 8665  | 6415  | ---- | 7305  |
|               | UED30-2             | UED30-2-3               | 2   | 1140 | 14000                   | 13750 | 12900 | 10450 | 82            | 335          | 10446 | 6569  | ---- | 7520  |
|               | -----               | UED30-3-3               | 3   | 1725 | 16000                   | 15350 | 14700 | 12900 | 89            | 335          | ----  | 5997  | ---- | 7076  |
| 36"           | UED36-2             | UED36-2-3               | 2   | 1140 | 17620                   | 16500 | 15200 | 12300 | 84            | 430          | 11619 | 7784  | ---- | 8733  |
|               | -----               | UED36-3-3               | 3   | 1140 | 20500                   | 19500 | 18500 | 15850 | 85            | 455          | ----  | 8254  | ---- | 9814  |
|               | -----               | UED36-5-3               | 5   | 1140 | 22600                   | 21700 | 20500 | 19000 | 87            | 465          | ----  | 8809  | ---- | 10568 |
| 42"           | UED42-2             | UED42-2-3               | 2   | 1140 | 17964                   | 17277 | 15326 | 12351 | 88            | 500          | 12408 | 8590  | ---- | 9537  |
|               | -----               | UED42-5-3               | 5   | 1140 | 28970                   | 27960 | 26840 | 24200 | 89            | 500          | ----  | 9576  | ---- | 11331 |
| 48"           | -----               | UED48-3-3               | 3   | 1140 | 28600                   | 26500 | 24400 | 20000 | 92            | 550          | ----  | 10338 | ---- | 11384 |
|               | -----               | UED48-5-3               | 5   | 870  | 33000                   | 31500 | 29750 | 25300 | 86            | 665          | ----  | 12340 | ---- | ----  |
|               | -----               | UED48-7 1/2-3           | 7.5 | 1140 | 37000                   | 35100 | 32800 | 28000 | 94            | 740          | ----  | 12396 | ---- | 14634 |
|               | -----               | UED48-10-3              | 10  | 1140 | 41000                   | 39200 | 38300 | 35400 | 95            | 875          | ----  | 13049 | ---- | 15430 |
| 60"           | -----               | UED60-5-3               | 5   | 870  | 45200                   | 41500 | 37000 | 26000 | 90            | 940          | ----  | 16307 | ---- | ----  |
|               | -----               | UED60-7 1/2-3           | 7.5 | 870  | 47000                   | 45500 | 43600 | 38700 | 92            | 950          | ----  | 17445 | ---- | ----  |
|               | -----               | UED60-10-3              | 10  | 690  | 54000                   | 51900 | 49000 | 43200 | 87            | 960          | ----  | 29496 | ---- | ----  |

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

\*Not all EXP motors are 208v capable.

## Dimensions

| SIZE | MINIMUM ROOF<br>HOLE SIZE (SQUARE) | WIND BAND<br>OUTER DIMENSION | ROOF CURB<br>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

38



## Features

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

## Options

- Protective coating.
- Disconnect switch
- Prefabricated curbs

## Standard Models

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

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

## Dimensions

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

# Tubeaxial Direct Drive Duct Fans



## Features

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

## Dimensions

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

## Options

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

## Standard Models

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

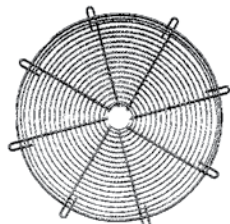
## Duct Fan Guards

### Features

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

### Standard Models

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



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

# Tubeaxial Belt Drive Duct Fans

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## Features

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

## Options

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

## Standard Models

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

## Dimensions

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

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

# Attic Fans

## Power Attic Mount Dome Ventilator

41



### Features

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

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

### Standard Models

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

\*@ 4:12 Pitch Roof

## Gable Exhaust Fan



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

### Features

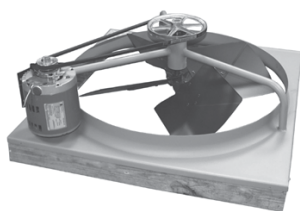
- 120V motor / 1-Phase
- Automatic adjustable thermostat (60°-120°F)
- Partially assembled (mounting tabs must be assembled)
- 14" blade diameter
- 4 mounting tabs on 16" centers

### Standard Models

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

\*@ 4:12 Pitch Roof

## Belt Drive Wholehouse Fans



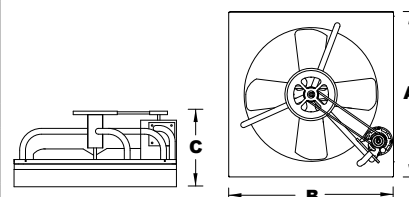
### Features

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

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

### Standard Models

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



### Fan Dimensions

### Ceiling Shutters

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

### Control Options

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

**"Joist out style" (For replacement only)**

# Portable Utility Lights

42

## 4 Sources of Light Sources



LED-37



LED-37-2



LED-1



LED-2



Intertek



FL-1



FL-2



QH-1



QH-2

### LED 37

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

### LED 1 & 2

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

### Fluorescent

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

### Quartz Halogen

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

## 6 Types of Bases and Mounts

### Pedestal Base

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



PED

### Cart Base

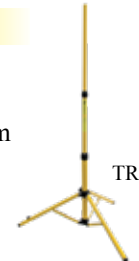
- 16 gauge round steel tube construction
- Height adjustable from 5' to 8' high
- 10" diameter wheels



CRT

### Tripod Base

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



TRI

### Floor Base

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



FLR

### Clamp-On Mount

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



CLP

### Magnet Mount

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

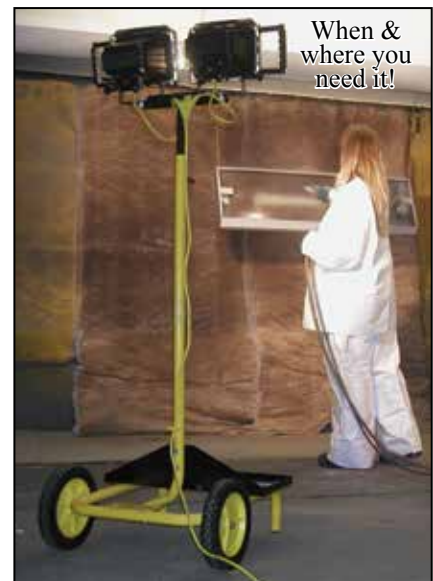


MAG

## Light Selection Chart & Illumination Levels

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

## Task Lighting...



When & where you need it!

## ATTENTION

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

# Portable Utility Lights

43

## Incandescent, Fluorescent, and LED Series

## Features

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

### Lamp Specifications - LED & FL

- Aluminum shade is 9 3/8" long with 7 3/4" diameter opening and will swivel 300° horizontally and 210° vertically
- LED 1 & 2 models are designed with an acrylic lens cover over each of the 12 single Watt LED emitters. Constructed with narrow 15° angle beam generating 960 lumens per bulb.
- FL models include a 55W spiral fluorescent bulb and internal reflector for maximum illumination at shorter distances.
- ETL C/US Listed for indoor & semi-protected outdoor use

### Lamp Specifications - LED-37

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



### Lamp Specifications - QH

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



## Standard Models

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

\*Cannot be used with clamp-on mount

## Individual Portable Light Components - Replacement Bulbs

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

## LED Light Head with Mount



M-LED-37-1

F-LED-37-1

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

# Heavy Duty Portable Utility Lights

44



PUL-1000Q-CD

## Quartz Halogen Light Heads

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



PUL-1000Q-TC

## Cart Light Stand With GFCI Features

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

## Tripod Light Stand Features

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

## Standard Models

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

# Commercial Duty Portable Utility Lights

## CL 300 (Clamp on Model)



## Features

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

## Standard Models

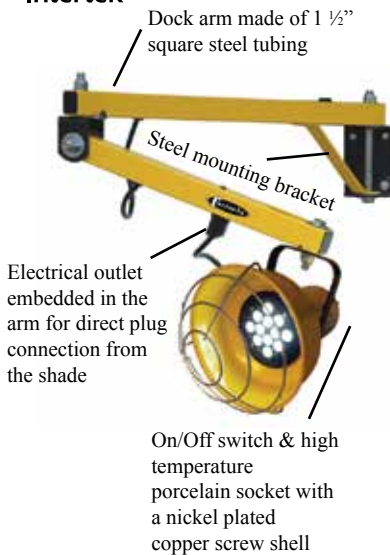
| MFG CATALOG NUMBER | MFG MODEL NUMBER | BASE TYPE | DESCRIPTION | MAX. WATTS | VOLTS | MAX LUMENS | AVE. BULB LIFE HOURS | WT. (LBS) | LIST |
|--------------------|------------------|-----------|-------------|------------|-------|------------|----------------------|-----------|------|
| 02804900  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

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

## Light Head Features



- Chip resistant safety yellow & black powder coating finish for high visibility and durability
- 5' long 18/3 SJT, 120V cordset with NEMA 15-5 grounded plug
- On/Off switch & wire guard included on each light head
- 1 1/2" square, 11-gauge, steel tubing
- 3" x 5" x 3/16" mounting plate attached with (4) 3/8" bolts (not supplied)
- (4) Lighting Sources to select from: incandescent, quartz halogen, LED, or fluorescent
- (2) Arm Lengths: 40" or 60" (plus 25" flex arm, incandescent only)
- VA models include (2) dock arms with a vertical adjustment bracket allowing outer arm to adjust from 300° horizontally and 210° vertically
- All light heads will swivel 300°
- Bulbs included with all light heads, except incandescent models
- ETL C/US Listed for indoor applications only, except QH models are semi-protected outdoor
- Made in U.S.A. with domestic and foreign components



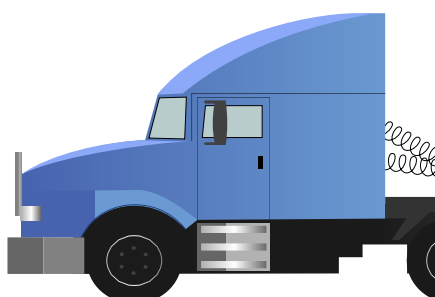
## Light Selection Chart & Illumination Levels

| DESCRIPTION                                                        |         | Incandescent | Quartz Halogen | LED    | LED 37 | Fluorescent |
|--------------------------------------------------------------------|---------|--------------|----------------|--------|--------|-------------|
| MAX. WATTAGE                                                       |         | 300          | 500            | 12     | 37     | 55          |
| MAX. LUMENS                                                        |         | 3,700        | 11,000         | 960    | 2,373  | 3,000       |
| AVG. BULB LIFE (HRS.)                                              |         | 2,000        | 2,000          | 50,000 | 30,000 | 10,000      |
| BULB INCLUDED                                                      |         | No           | Yes            | Yes    | Yes    | Yes         |
| LIGHT SOURCE ILLUMINATION LEVELS                                   |         |              |                |        |        |             |
| Measured Footcandles & Distance from Light Source (inside trailer) | 10' ft. | 15           | 28             | 121    | 299    | 9           |
|                                                                    | 20' ft. | 5            | 14             | 29     | 71     | 3           |
|                                                                    | 30' ft. | 3            | 8              | 14     | 34     | 2           |
|                                                                    | 40' ft. | 2            | 5              | 4      | 9      | ---         |
|                                                                    | 50' ft. | ---          | 3              | 3      | 8      | ---         |

## Dock Light Performance Testing

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

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



| Light Source and Color Characteristics | 10 ft. | 20 ft. | 30 ft. | 40 ft. | 50. ft |
|----------------------------------------|--------|--------|--------|--------|--------|
| 12W LED (Cool White)                   | 121    | 29     | 14     | 3.7    | 3.2    |
| 37W LED (Cool White)                   | 299    | 71     | 34     | 9      | 8      |
| 500W Quartz Halogen (Bright White)     | 28     | 14     | 8      | 5.3    | 3.1    |
| 300W Incandescent (Off White)          | 15     | 5      | 3      | 2.1    | ----   |
| 55W Fluorescent (Bright White)         | 9      | 3      | 2      | ----   | ----   |

Note: Above measurements are measured in footcandles

# Loading Dock Lights - Fully Assembled Standard Duty Loading Dock Arms

46

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

## Standard Models (120 V)

Incandescent



Quartz



Fluorescent

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

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

## Ceiling Mounted Incandescent Flex Arm



### Features

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

## Standard Models

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

\*Bulb not included.

## Light Head Accessories

### Standard Models



LG-1



DLGS

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

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

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

# Loading Dock Lights - Modular

47

## Modular Lights



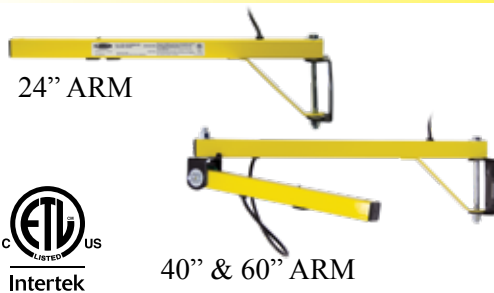
### Features

- 14" long, 18/3 conductor cord plugs into electrical junction box on arm
- On/Off switch & wire guard included with each light head
- Bulb included with all light heads except DKL-INC
- Imported to TPI specifications.
- DKL-LED-37 is compliant with ROHS 2 Directive (2011/65/EU), that of which includes the application exemptions outlined in Annex III of the directive.

### Standard Models

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

## Mounting Arms



24" ARM

40" & 60" ARM



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

### Features

- 1 1/2" square, 11 gauge, steel tubing
- 3" x 5" x 3/16" mounting plate attaches with (4) 3/8" bolts
- 5' long, 18/3 SJTW conductor cord and NEMA 5-15 grounded plug
- Made in U.S.A.

### Standard Models

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

\*\*Indicates heavy duty dock arms.

## Loading Dock Arm Fan



### Features

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

### Standard Models

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

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

# Machine Tool Lights

## Water Resistant Fluorescent Tube Lights

48



Remote Ballast  
with Cordset



Internal Ballast  
with Cordset



Remote Ballast



### Features

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

### Standard Models

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

\* Includes 2 ft. lead wires

### Accessories - Replacement Lamps

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

# Heavy Duty Machine Tool Lights

## Incandescent

49



### Features

- Patented disc and collar swivel joints with adjustable bar knobs for securing arms into a variety of positions
- Shades constructed of a 22 Gauge steel and arms made of 5/8" steel tubing, with reach from 29" to 38"
- Charcoal gray powder coated finish
- Horizontal or vertical bolt down mounting bracket
- 10 amp rocker type on-off switch and lamp socket
- Includes an 8' 18/3 SJTO Cordset with NEMA 5-15 molded grounded plug for 120V operation
- LED bulb included
- Made in U.S.A.

### Standard Models

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

## Medium Duty, Flexible Arm, Incandescent, Machine Tool Lights



### Features

- Chrome plated, flexible arm
- 8' 18/3 or 18/2 SPT cordset with molded plug
- Turn knob on-off switch
- Phenolic shade with spun Aluminum inner reflector on R - Series
- LED bulb included
- Imported to TPI specifications.

### Standard Models

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

## Illuminated Florescent Magnifiers



### Features

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

### Standard Models

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

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