

TPI Industrial Assembled Circulator Heads and Mounts

Features

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



ACM-IHP-HDH Series



HDH-G-JR Series
Drop-Down Plug and Hinged Guard



ACH-O Series
Oscillating Motor

Motor Specifications

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



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

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

Standard Models

H.P.	BLADE SIZE	MFG MODEL NUMBER	MFG CATALOG NUMBER	FAN HEAD TYPE	CFM*	VELOCITY PROFILE	RPM	AMPS	WT. (lbs)	LIST
						CFM / Area Sq Ft				
1 Year Warranty										
Industrial 1/4	20"	ACH 20	08684702	STATIONARY	3000 / 2600	5000 / 200	1100 / 900	2.4	39	482
	24"	ACH 24	07961602		3800 / 3400	6000 / 240	1100 / 800	2.5	40	542
	30"	ACH 30	07961702		4300 / 3800	7200 / 250	1100 / 800	2.7	44	559
3 Year Warranty										
High Performance 1/3	24"	IHP 24-H	07989802	STATIONARY	4300 / 3900	6000 / 240	1100 / 800	2.8	40	690
	30"	IHP 30-H	07989902		5400 / 4700	7200 / 250	1100 / 800	3	44	722
5 Year Warranty										
Heavy Duty 1/2	24"	HDH 24-G	08539202	STATIONARY	5600 / 4900	7500 / 260	1100 / 800	3.5	44	905
	30"	HDH 30-G	08528602		6800 / 6000	8000 / 270	1100 / 800	4	48	934
	24"	HDH 24-GJR	08745002		5600 / 4900	7500 / 260	1100 / 800	3.5	44	1029
	30"	HDH 30-GJR	08745102		6800 / 6000	8000 / 270	1100 / 800	4	48	1059
	36"	HDH 36	08197802		6970	12000 / 325	1100	5.2	90	1019
1 Year Warranty										
Industrial Oscillating 1/4	20"	ACH 20-O	08684802	OSCILLATING	3000 / 2600 / 2100	5000 / 200	1100 / 900 / 750	2.4	43	730
	24"	ACH 24-O	07963602		3800 / 3400 / 2700	6000 / 240	1100 / 900 / 750	2.5	44	832
	30"	ACH 30-O	07963702		4300 / 3800 / 3000	7200 / 250	1100 / 900 / 750	2.7	48	863

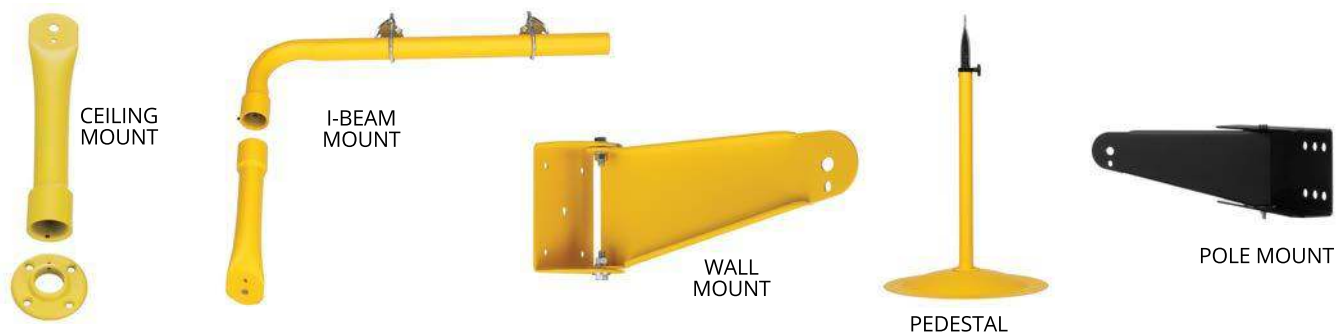
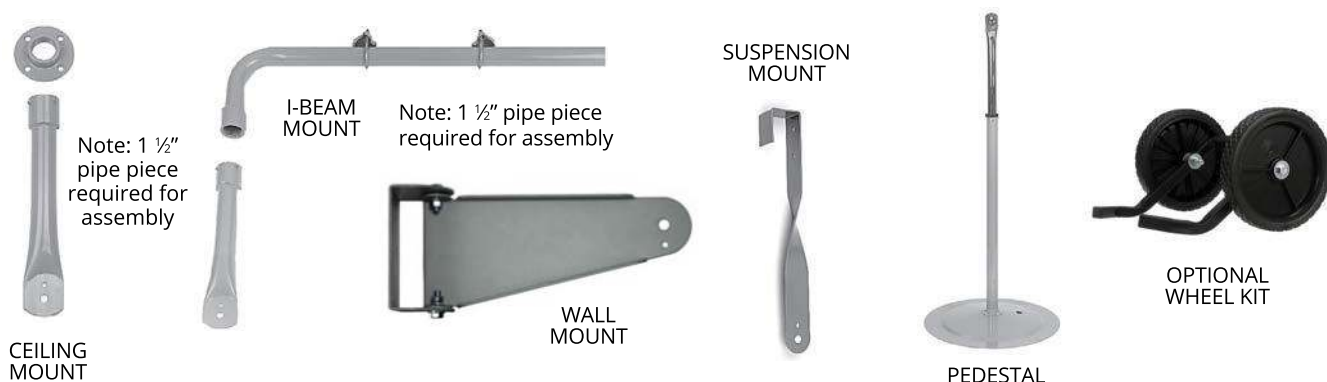
*Measured 2 feet from face of fan

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

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

TPI Industrial Circulator Components

Standard Models



Product Specifications

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

Mounts

TYPE	MFG CATALOG NUMBER	MFG MODEL NUMBER	LIST
YELLOW MOUNTS			
PEDESTAL POLE & BASE	07960902	HDM-P	315
WALL MOUNT	07961002	HDM-W	126
I-BEAM MOUNT	07961102	HDM-I	240
CEILING MOUNT	07961202	HDM-C	137
GRAY MOUNTS			
PEDESTAL POLE & BASE	07961802	ACM-P	298
WALL MOUNT	07961902	ACM-W	115
I-BEAM MOUNT	07962002	ACM-I	225
CEILING MOUNT	07962102	ACM-C	149
SUSPENSION MOUNT	07962202	ACM-S	102
POLE MOUNT	08681802	ACM-PM	164
WHEEL KIT	08681302	ACM-WK	139
FDA WHITE MOUNTS FOR USE WITH WASHDOWN FAN HEADS IN FOOD SERVICE APPLICATIONS			
PEDESTAL POLE & BASE	08682502	WACM-P	293
WALL MOUNT	08682602	WACM-W	115

What to know when ordering TPI Air Circulators:

1) What is the operating voltage and phase?

- a. 120V (most common)
- b. 120V or 240V
- c. 277V
- d. 240 or 480V (offered in 3-phase)

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

- a. Wall / Vertical Surface (Most Common)
- b. Floor – Pedestal Mount
- c. Pole Mount
- d. Ceiling
- e. Suspension Mount
- f. I-Beam Mount

3. What environment will this unit be operating in?

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

4. Will you need the fan head to rotate?

- a. Oscillating
- b. Non-Oscillating Fan Heads

5. Do you want to order assembled fan heads?

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

6. Do you have a color preference?

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

Air Circulators - Motor Comparisons

Commercial Motors - Open Vent Motors



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

Industrial Motors -Totally Enclosed Motors (TEAO)



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

Commercial Fan Applications



Industrial Fan Applications

