



Jan Fan

The Air Circulator Specialists

World's Finest Heavy Duty Industrial Fans



Since 1958
Industrial Fans of Choice throughout
North America



The Most Energy Efficient, Maintenance Free Fans Available

Some of Our Many Innovative Features:



2-Speed Trouble-Free, Remote Drop Cord Rocker Switch with
"Modular Motor End Dome" ... See Page 7



Recessed, Protected 2-Speed Pull Chain Switch housed in
"Modular Motor End Dome" ... See Page 8



Hinged Guard with Quick Motor Mounting Ring for Rapid Fan
Assembly and Ease of Cleaning ... See Page 9



Available Patented Energy Saving Module Automatically
Shuts Fan Off at End of Work Shift ... See Page 10



Jan Fan Rugged Mobile Fan Mount for Ease of Movement
and Precise Cooling Focus ... See Page 13

"ANYTHING ELSE... IS JUST A FAN!"



The Jan Fan

DESIGNED AND MANUFACTURED BY THE AIR CIRCULATOR SPECIALISTS

INDUSTRIAL DUTY FEATURES

Modular quick-connect motor end dome houses capacitor, 2-speed switch and power disconnect.

Available patented *energy saving* module to automatically shut fan off at end of work shift.

¼ H.P., T.E., PSC, 2-speed, 5/8" ball bearing, energy efficient motor (2.45 amps/240 watts) with detachable 18' three conductor power cord.

Safety yellow color for high visibility.

Moves huge volume of air on high speed for maximum cooling.

20", 24", or 30" sizes use the same motor and mounts.

All current parts are interchangeable with those of our past designs ... Repair parts are always available.

(24" size shown)



Safety hinged, positive locking guard, with 12 full radial rib wires for super strength. 2.5" min. guard to blade clearance on 24" and 30" models, and 1.5" min. clearance on 20" model.

Recessed, protected 2-speed pull chain switch or 2-speed pre-wired drop cord rocker switch.

Heavy duty spring-type steel blades with hub on front of blade with 2 set screws.

Nuts pre-mounted on motor thru-bolts for quick, secure assembly to keyed rear guard.

Labor and energy saving features designed into every fan.

Industrial duty pedestal.

Heavy solid steel base with welded coupling quickly, securely accepts column.

Threaded connections on mounts are set screwed for maximum strength and safety.

MOUNTS SHOWN BELOW ARE AVAILABLE FOR INSTALLING FAN OVERHEAD

#JF-BM



I-Beam Mount

#JF-CCM



C-Channel Mount

#JF-WCM



Wall or Ceiling Mount

#JF-AK



Adaptor Kit Mount




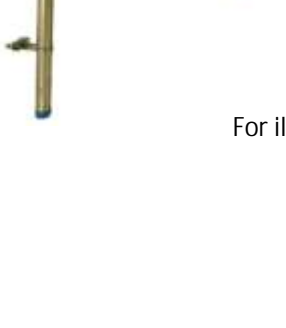
See Complete Fans (pages 3, 4, and 5) for model numbers
Specifications subject to change at any time

Competitively Priced & ALWAYS AVAILABLE












Complete Fans

12", 20", 24", and 30" blade sizes available

Model #	Description	Shipping Wt. (lbs)
 JF-AKF20-2SP JF-AKF20-DCS	20" 2-speed adaptor kit fan complete	39
	Consists of components 1, 3, 6	
 JF-AKF24-2SP JF-AKF24-DCS	24" 2-speed adaptor kit fan complete	46
	Consists of components 1, 4, 6	
 JF-AKF30-2SP JF-AKF30-DCS	30" 2-speed adaptor kit fan complete	52
	Consists of components 1, 5, 6	
 JF-BMF20-2SP JF-BMF20-DCS	20" 2-speed beam mount fan complete	49
	Consists of components 1, 3, 7	
 JF-BMF24-2SP JF-BMF24-DCS	24" 2-speed beam mount fan complete	56
	Consists of components 1, 4, 7	
 JF-BMF30-2SP JF-BMF30-DCS	30" 2-speed beam mount fan complete	62
	Consists of components 1, 5, 7	
 JF-CCM20-2SP JF-CCM20-DCS	20" 2-speed C-channel mount fan complete	50
	Consists of components 1, 3, 8	
 JF-CCM24-2SP JF-CCM24-DCS	24" 2-speed C-channel mount fan complete	57
	Consists of components 1, 4, 8	
 JF-CCM30-2SP JF-CCM30-DCS	30" 2-speed C-channel mount fan complete	63
	Consists of components 1, 5, 8	

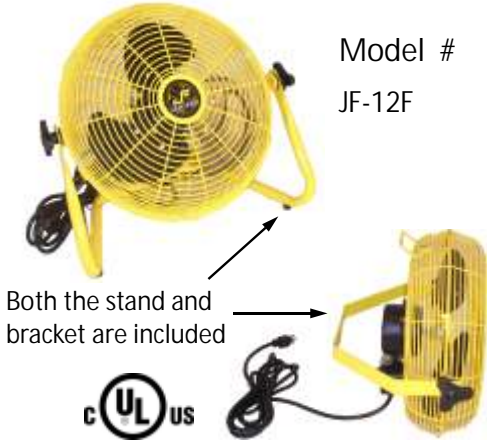
** A Safety Cable should be installed on all over-head mounted fans.**
 For illustration see product instruction sheets or www.JANFAN.com ... click "Fan Safety"
 (See Model #JF-SCK Safety Cable Kit)

Complete Fans (Cont'd)

Model #	Description	Shipping Wt. (lbs)
 JF-WCM20-2SP JF-WCM20-DCS	20" 2-speed wall or ceiling mount fan complete Consists of components 1, 3, 9 Consists of components 2, 3, 9	43
 JF-WCM24-2SP JF-WCM24-DCS	24" 2-speed wall or ceiling mount fan complete Consists of components 1, 4, 9 Consists of components 2, 4, 9	50
 JF-WCM30-2SP JF-WCM30-DCS	30" 2-speed wall or ceiling mount fan complete Consists of components 1, 5, 9 Consists of components 2, 5, 9	56
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 JF-PF20-2SP JF-PF20-DCS	20" 2-speed pedestal fan complete Consists of components 1, 3, 10, 11 Consists of components 2, 3, 10, 11	71
 JF-PF24-2SP JF-PF24-DCS	24" 2-speed pedestal fan complete Consists of components 1, 4, 10, 11 Consists of components 2, 4, 10, 11	78
 JF-PF30-2SP JF-PF30-DCS	30" 2-speed pedestal fan complete Consists of components 1, 5, 10, 11 Consists of components 2, 5, 10, 11	84
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 JF-RMF20-2SP JF-RMF20-DCS	20" 2-speed rugged mobile fan complete Consists of components 1, 3, 13 Consists of components 2, 3, 13	66
 JF-RMF24-2SP JF-RMF24-DCS	24" 2-speed rugged mobile fan complete Consists of components 1, 4, 13 Consists of components 2, 4, 13	73
 JF-RMF30-2SP JF-RMF30-DCS	30" 2-speed rugged mobile fan complete Consists of components 1, 5, 13 Consists of components 2, 5, 13	79

** A Safety Cable should be installed on all over-head mounted fans.**
 For illustration see product instruction sheets or www.JANFAN.com ... click "Fan Safety"
 (See Model #JF-SCK Safety Cable Kit)

Complete Fans (Cont'd)



Model #	Description	Shipping Wt. (lbs)
JF-12F	12" Safety Yellow Industrial Workstation Fan <ul style="list-style-type: none"> • 12" Blade • Specifications at high speed: 2375 CFM, 44dB • Motor is 3-speed, high efficiency (50 watts), totally enclosed, permanently lubricated • 10' long 3-conductor power cord • Easy cleaning, powder coated steel, quick release guards • The model #JF-12F (12" fan) comes as a floor or tabletop mount fan. Also included in every carton is a wall or workstation bracket when overhead mounting is desired. 2-year warranty 	12

Component Parts

(Interchangeable with ALL previous models)



Model #	No.	Description	Shipping Wt. (lbs)
JF-110V-HEM	(1)	¼ HP, high efficiency, 115V, 2.45A, 2-speed, ball bearing, T.E., motor has modular end dome with Recessed Pull Chain Switch and 18' power cord. Used with 20", 24", or 30" fans.	18










JF-110V-HEM-DCS	(2)	Same as above motor but with 2-speed drop cord switch . (see page 8) (3', 6' or 12' Extension cords available in order to drop switch down to floor level) MODEL #JF-DCS-EXT3 (3' Extension) MODEL #JF-DCS-EXT6 (6' Extension) MODEL #JF-DCS-EXT12 (12' Extension)	19
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JF-20GB	(3)	20" Hinged Guard and Blade	17
JF-24GB	(4)	24" Hinged Guard and Blade	24
JF-30GB	(5)	30" Hinged Guard and Blade	30

** A Safety Cable should be installed on all over-head mounted fans.**
For illustration see product instruction sheets or www.JANFAN.com ... click "Fan Safety"
(See Model #JF-SCK Safety Cable Kit)

Component Parts (Cont'd)

	Model #	No.	Description	Shipping Wt. (lbs)
	JF-AK	(6)	Adapter Kit Mount Used with 20", 24", or 30" fans *A safety cable should be installed in all overhead mounted fans	2.5
	JF-BM	(7)	I-Beam Mount Used with 20", 24" or 30" fans *A safety cable should be installed in all overhead mounted fans	13
	JF-CCM	(8)	C-Channel Mount Used with 20", 24" or 30" fans *A safety cable should be installed in all overhead mounted fans	13.5
	JF-WCM	(9)	Industrial Duty Wall/Ceiling Mount Used with 20", 24" or 30" fans *A safety cable should be installed in all overhead mounted fans	7
	JF-BP	(10)	Pedestal Base Used with 20", 24" or 30" fans	24
	JF-PC	(11)	Industrial Duty Pedestal Column Used with 20", 24" or 30" fans	11
	JF-RMF	(13)	Rugged Mobile Fan Mount Used with 20", 24" or 30" fans	30

Accessory and Replacement Parts

For Photos of components please go to JanFan.com

Model #	Description	Model #	Description
JF-BL20	20" Blade	JF-DCS-EXT3	3' Ext. cord for JF-DCS
JF-BL24	24" Blade	JF-DCS-EXT6	6' Ext. cord for JF-DCS
JF-BL30	30" Blade	JF-DCS-EXT12	12' Ext. cord for JF-DCS
JF-SHP-24	Safety Hinge Pin for 20" or 24" Guard	JF-DCS-SA	Replacement 2-speed switch assembly for JF-DCS
JF-SHP-30	Safety Hinge Pin for 30" Guard	JF-CRP	18' Power cord for motor
JF-SW-2S-PC	2-speed Switch – Steel Beaded Pullchain	JF-SCK	Safety Cable Kit – 12' cable with clamps
JF-MMS-HE	Modular motor dome with recessed switch, 7.5MF capacitor, cord and male connector	JF-ESM	Energy Saving Module - Patent No. 6,572,338
JF-DCS	Modular Motor dome complete with 2' drop cord with 2-speed rocker switch, 7.5MF capacitor, cord and male connector	JF-WK	Wheel Kit for Pedestal Fans
		JF-MM	Mobile Floor Mount



Model #JF-110V-HEM-DCS

Jan Fan 2-speed Drop Cord Rocker Switch Motor with Quick Power Disconnect

SOLVE YOUR SWITCH PROBLEMS!



- Provides 2-speed guarded rocker switch to allow convenient and positive switching of fan for the operator
- Saves maintenance by providing a trouble free alternative to pull chain switching of fan
- Uses the same long-life, ball bearing, high efficiency motor as on the standard JAN FAN®
- JF-DCS pre-wired motor
- Also available (Model #JF-DCS) as a retrofitable end dome for existing JAN FAN® with pull chain style dome (see page 6 under accessories and replacement parts)

OPTIONAL VARIABLE
CORD LENGTH

Insert a 3', 6', or 12' extension cord
in order to extend switch down to
floor level if necessary

3' = #JF-DCS-EXT3

6' = #JF-DCS-EXT6

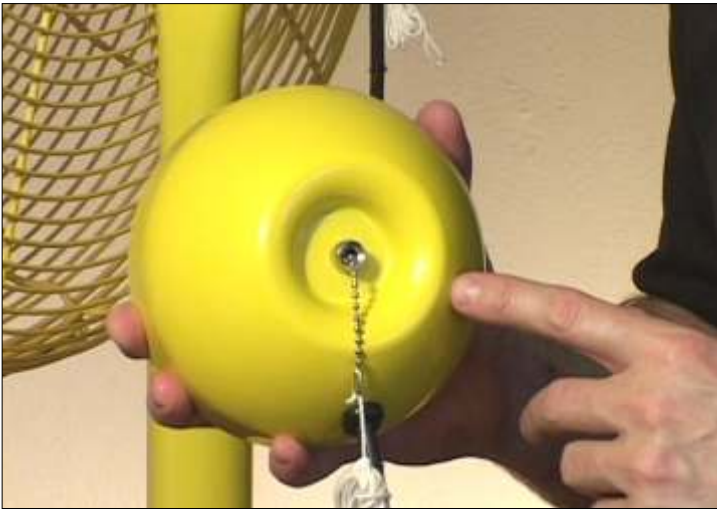
12' = #JF-DCS-EXT12



Modular Motor End Dome With Protected Recessed Switch and Quick Power Disconnect

MODEL #JF-MMS-HE

THE JAN FAN'S MODULAR MOTOR END DOME WITH RECESSED SWITCH TREMENDOUSLY REDUCES FAN MAINTENANCE!



Recess in rear of modular end dome provides protection for switch from external damage



Houses capacitor, switch and cord allowing instant on-the-spot replacement

Quick Replacement - Takes Less Than One Minute

In the past, replacing a switch, capacitor, or cord on site was a costly, time-consuming task.

The modular end dome houses the switch, capacitor and 10" pigtail with a positive locking device, and can quickly be removed as a unit without removing fastening screws and can be replaced with a new or rebuilt unit at the fan location.

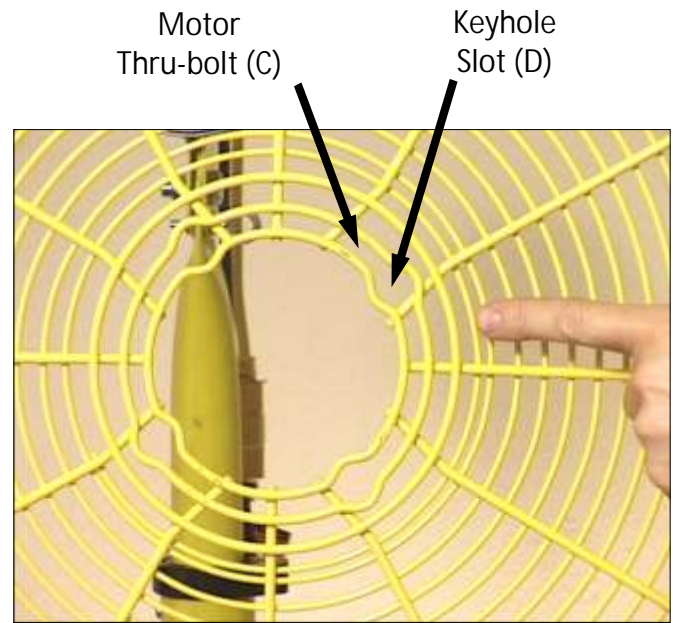
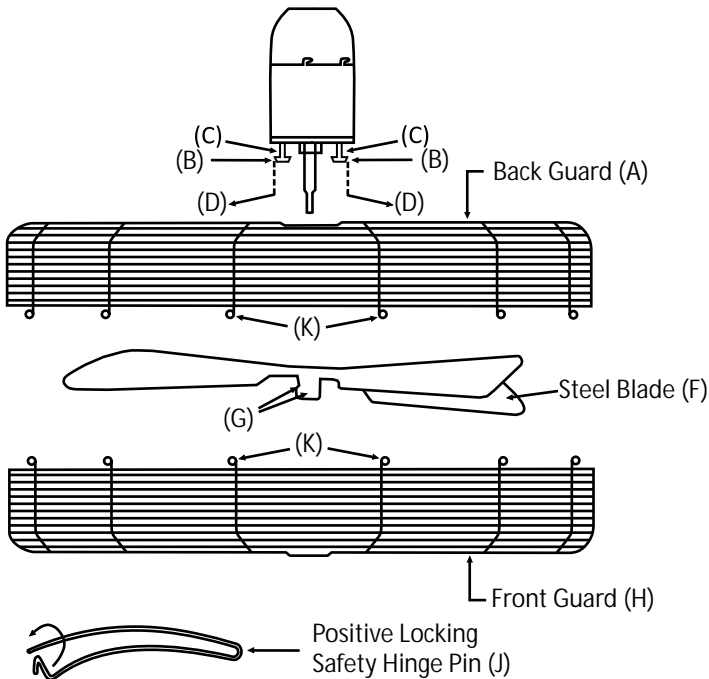
The removed end dome can then be rebuilt conveniently and rapidly with a new switch, capacitor or pigtail on the bench in the maintenance area and used for the next modular replacement.





Rapid Assembly of Hinged Guard and Blade To Motor

20", 24" and 30" Sizes Available



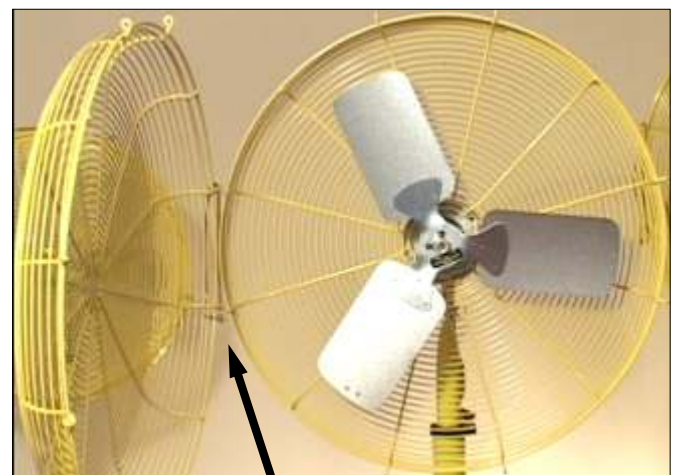
Quick Mounting Ring

HERE'S HOW IT WORKS:

- Install back guard (A) which has four keyhole slots (D) over the four serrated flange nuts (B) that are pre-mounted on motor thru-bolts (C).
- Turn guard clockwise so that motor thru-bolts are at small end of keyhole slots. Tighten all four serrated flange nuts. Rear guard is now securely fastened to motor.
- Slide blade (F) over shaft with hub away from motor. Tighten set screws (G) securely.

By removing any three safety hinge pins, the remaining hinge pin acts as a hinge for ease of cleaning or replacing the blade. →

NOTE: 20" Guard uses only 3 Hinge Pins. See instruction sheet packed with all major components for recommended use of safety cable.



Hinging Guard
Safety Hinge Pin (J)



Major Cost Savings From Jan Fan

MODEL #JF-ESM ... Energy Saving Module

PATENT No. 6,572,338



- Timer will work on any 20", 24" or 30" JAN FAN. Module easily installs into motor end dome of each fan, where it is protected from theft and tampering.
- After switching fan motor on, it will Automatically SHUT FAN OFF after 4, 5, 6, OR 10 HOURS ("RUN Time" is set by technician at time of installation).
- Saves energy, unnecessary dirt build up on fan parts, and motor wear which translates into longer fan life.

Please note: The Timing Module is not available in Canada

Features/Specifications



MOTOR:



- 5 year warranty
- Safety yellow color
- 115V, 1 Ph, 60 Hz, T.E., 1/4 HP, 2.45A, 2-speed, energy efficient, permanent split capacitor
- Class B insulated, Class F varnish
- 5/8" shaft with long life permanently lubricated ball bearings
- Shaft stepped down to 1/2" for interchangeability

Also included with 115V motor: Your choice of 2 methods of speed control.

1. 2-Speed Pull Chain Switch



- Heavy duty 2-speed 35 lb. test steel beaded pull chain switch w/ 18 lb. test breakaway pull cord. Switch is recessed for protection and mounted in the center of rear of modular motor end dome such that, a straight "pull" is achieved and switch bead rides on smooth shoulder of end dome no matter what angle the fan is mounted. High-Off-Low-Off switch cycle. (See page 8)

2. 2-Speed Rocker Switch



- Trouble free, heavy duty, 2-speed, protected rocker switch with standard 2' drop cord is attached to modular motor end dome (this completely eliminates pull chain type switches). 3', 6' and 12' extensions are available for overhead installations in order to extend drop cord switch down to floor level if necessary. The dome on (Model #JF-DCS) can be purchased to retrofit older Jan Fan "pull chain" motors in the field. (See page 7)

Both above switching methods include modular end domes that house switch, capacitor and 10" power pigtail cord, and can be removed as a unit and replaced with a new or rebuilt unit at the fan location by merely loosening 3 screws and rotating the end dome counter clockwise 1/4" then separating a positive locking quick disconnect 4 terminal connector. Reversing the procedure replaces the defective unit with the new or re-built unit thus eliminating the need to take the whole fan down for repair in the maintenance area as is commonly done. In the past, to replace a switch or capacitor or cord on the site has been a costly, time-consuming task. The removed end dome can then be re-built conveniently and rapidly with a new switch, capacitor or cord and used for the next modular replacement. Extra modular end domes are available as shown in the accessory and replacement parts list for either the pull chain or drop cord switch motors.



- Motor mounting bracket is welded to motor.
- Serrated flange nuts pre-mounted on motor thru-bolts for ease of assembly with specially keyed guards.
- 10" heavy duty 3 conductor SJT cord with molded 3 prong plug is wired through strain relief into motor end dome and connected with a quick release positive locking device, 18' power cord of heavy duty 3 conductor SJT with molded male and female end is then plugged into 10" pigtail above, providing a quick power disconnect when needed.
- Allen wrench and necessary hardware for fan assembly is packaged in motor carton with instructions.



See instruction sheet packed with all major components for recommended use of safety cable. Specifications subject to change at any time.

BLADES: 20", 24" AND 30"



- .125 thick steel spider
- 3 heavy duty spring steel blades
- Each blade securely riveted with three ¼" round head solid steel rivets
- Hub with 2 set screw bolts is securely fastened to blade spider
- Hub faces away from motor, making hub set screws more accessible and safely captures blade between hub and motor
- Blades statically balanced
- Blades protectively packaged in guard blade set carton with instructions

GUARDS: 20", 24" AND 30"



- Instant opening hinge feature for ease of maintenance and cleaning
- Safety yellow powder coated super strong guards
- Keyed rear guard for quick mounting of motor
- 6 gauge outer and radial rib wire size
- 11-1/2 gauge spiral wire size. SAE 1010 steel
- All intersecting points are welded
- Meets all safety standards including OSHA, UL Probe Test and State of Michigan
- Clearance between the guard and blade at any point is not less than 2-1/2" (min. 1-1/2" clearance on 20" model)
- 12 full radial rib wires (9 rib wires on 20" guard)
- 8 front to rear guard positive locking fastening loops w/hinge capability (6 fastening loops on 20" guard)
- Guards fasten securely to motor using 4 motor thru-bolts
- Guards packaged in guard blade set carton with instructions

ADAPTOR KIT MOUNT:



- Used where plants prefer to use their own or existing mount
- New design with 3 adjustment holes provides much greater tilt-ability
- Constructed of 1-1/2" pipe properly treated and painted
- Adapts motor mount to 1-1/2" male pipe thread
- Allows full tilt and horizontal adjustment of fan head
- Set screw installed for positive locking
- Three nylon ty-wraps furnished to route cord away from fan head
- Mount packaged in separate carton with instructions

I-BEAM MOUNT:



- 1-1/2" rigid pipe with heavy duty conduit clamps
- Attaches securely to vertical or horizontal I or H Beams of 6" to 14" flange width
- Allows full tilt and horizontal adjustment of fan head

See instruction sheet packed with all major components for recommended use of safety cable.
Specifications subject to change at any time.



I-BEAM MOUNT cont'd

- All movable parts secured with set screw and/or bolts, nuts, lockwashers or self locking nuts
- Fan head can be hung off any of four corners of a vertical I-beam
- Makes relocating a fan fast and simple
- All parts are galvanized or properly treated and painted
- Ends of 1-1/2" pipe protected by plastic caps
- Three nylon ty-wraps furnished to route cord away from fan head
- Mount packaged in a separate carton with instructions



C-CHANNEL MOUNT:

- Same as Beam Mount above, but with unique "C" channel clamps instead of conduit clamps
- Attaches securely to C-Channel of up to 3" flange
- Allows full tilt and horizontal adjustment of fan head
- Mount packaged in a separate carton with instructions



WALL OR CEILING MOUNT:

- Heavy 8 gauge triangle bracket mounts to wall or ceiling using 4 mounting holes
- Heavy duty mount allows full tilt and swivel of fan head without interference from fan guard coming into contact with the mounting surface
- Heavy gauge swivel and tilt motor mounting plate secured with 7/16" hex bolt and reversible locknut
- All parts are painted or plated
- Mount packaged in a separate carton with instructions



PEDESTAL MOUNT: COLUMN

- Painted, heavy gauge steel column with 2-1/4" outer diameter
- Column locks into base in a secure, vibration-free manner by threading into a 2" coupling (w/set screw) that is welded to the base
- Allows tilt adjustment of fan head. Height from floor to center of fan is 5'
- Column assembly packaged in a separate carton with instructions

BASE:

- Heavy 10 gauge steel, treated and painted, meets UL tip-over test
- Base packaged in a separate carton with instructions



RUGGED MOBILE FAN MOUNT:

- Made of heavy gauge, treated and painted 3" steel base with industrial grade casters
- Special handle allows for side or front mount for ease of moving
- Used to mount 20", 24" or 30" fans approximately 20" from floor
- Mount allows for 180 degrees of range to provide focused cooling

See instruction sheet packed with all major components for recommended use of safety cable.
Specifications subject to change at any time.

Test Report

Object: To measure air delivery in CFM and sound level in dB according to NEMA standards, and to measure the guard spacing, angle of tilt, and height of industrial pedestal fans, model JF-PF20-2SP, JF-PF24-2SP, and JF-PF30-2SP.

Description and Observations:

(A) Air Delivery – Taken at 2 ft. Test specifications: NEMA Std. Pub. No. FM 1; para. FMI – 6.04.

1. Model JF-PF20-2SP steel blade, measured CFM is 4250 on high speed
2. Model JF-PF24-2SP steel blade, measured CFM is 6210 on high speed
3. Model JF-PF30-2SP steel blade, measured CFM is 7710 on high speed

(B) Noise Level: Test specifications: NEMA Std. Pub. No. FM 1; para. FMI – 6.08

1. Model JF-PF20-2SP steel blade, measured average noise level is 60.2 dB on high speed
2. Model JF-PF24-2SP steel blade, measured average noise level is 64.0 dB on high speed
3. Model JF-PF30-2SP steel blade, measured average noise level is 70.9 dB on high speed

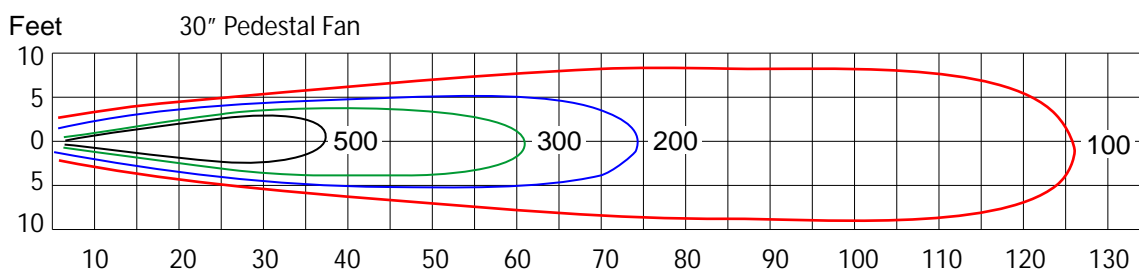
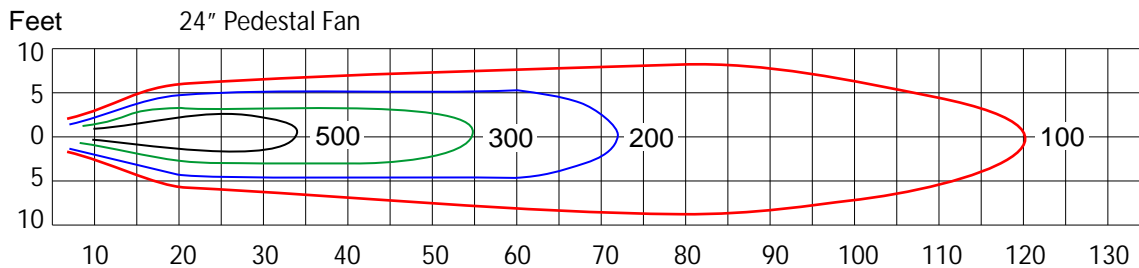
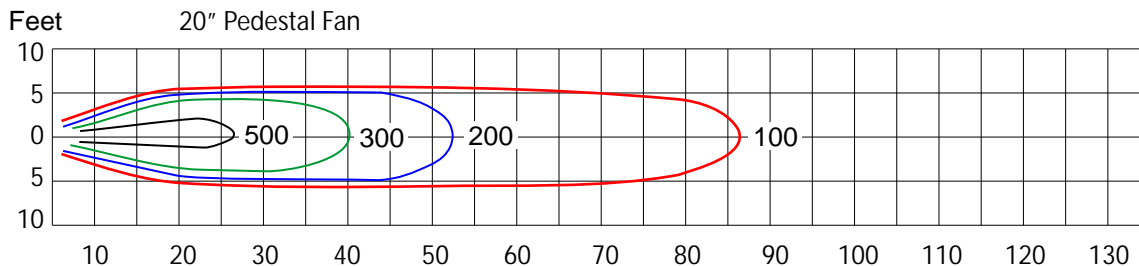
(C) Tilt Adjustments: The following adjustments are possible:

Model No.	Tilt above horizontal	Tilt below horizontal
JF-PF20-2SP	80°	19°
JF-PF24-2SP	80°	13.5°
JF-PF30-2SP	80°	12°

(D) Height: All three models measured at a height of 5' to the center of the blade.

(E) Guarding: The fan guards meet the requirements of the State of Michigan, Department of Labor, Safety Standards for Guards and U.S. Department of Labor, Federal Safety Standards, Occupation of Safety and Health Act. Guarding Spec. 1910.218, and Underwriters' Laboratory Standards No. 507, para. 27.6

Air Velocity Patterns in Ft./Min





JAN FAN® Warranty

Jan Fan® warrants that the equipment delivered will be of the kind and quality described in the specifications and to be free from defects in material and workmanship under normal use and service.

Jan Fan® will repair or replace, at its option, defects in the material or workmanship within 5 years from date of shipment to the distributor, (2 years for the 12" JAN FAN® #JF-12F), provided the Company receives immediate written notice of such defects and such claims are substantiated to its satisfaction by returning the defective product to JAN FAN® at the customers expense. Correction of such defects by repair or replacement by JAN FAN® shall constitute the sole obligation under its warranty. An annual cleaning of the fan blade and guard is the minimum maintenance required to keep the fan in warranty and operating as designed. A plant or user having any installations of "fan filters" what so ever voids all warranties.



This warranty does not include accessories or any part of the unit which has been subjected to mis-use, neglect, accident, an excessively corrosive atmosphere, or damage caused by flood, fire or act of God. Under no circumstances is JAN FAN® liable for labor costs incurred in installation or removal, or for repairs made, other than by JAN FAN® without the written consent of the Company. UNDER NO CIRCUMSTANCES IS JAN FAN® LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES DUE TO FAILURE TO MEET THE CONDITIONS OF ANY WARRANTY. NO LIABILITY OF ANY NATURE IS ASSUMED BY THE COMPANY FOR FAILURE TO MAKE DELIVERY DUE TO ANY ACT OR CONDITION BEYOND ITS REASONABLE CONTROL.

MANUFACTURED BY:
JAN FAN

Designers of fans for the industrial and automotive markets since 1958

P.O. Box 1127
Troy, MI 48099-1127
United States

Existing Customers and Order Entry
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Tel.: 248-829-6904

Specifications subject to change at any time.



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*for The Largest Users of industrial fans
in North America*

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with Your Satisfaction!"**

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