# **IMPORTANT SAFETY INSTRUCTIONS**

# Read and save these instructions:

**WARNING:** To reduce the risk of electric shock and injury to persons only install and use this Jan Fan motor with Jan Fan branded guards, blades, and mounting. Other non-Jan Fan branded guards, blades, or mounting cannot be substituted.

**WARNING:** Unplug or disconnect the fan from power supply before cleaning or servicing.

**WARNING:** To reduce the risk of fire or electrical shock do not use this fan with any solid state speed control device.



# **CONSIGNES DE SÈCURITÈ IMPORTANTES**

## Lisez et mettez de côtè les instructions suivantes:

**MISE EN GARDE:** Pour rèduire de choc èlectrique ou de blessure à la personne, installer ou utilizer le ventilateur JAN FAN swulement avec les gardes, les lames et les supports fabriquès seulement par JAN FAN. PAS DE SUBSTITIONS OU DE REMPLACEMENT.

**MISE EN GARDE:** Dèbrancher et dèconnecter alimentation le ventilateur JAN FAN avant de nettoyer ou d'entrentenir.

**MISE EN GARDE:** Pour rèduire le risquè d'incendie ou choc èlectrique, n'utilisez pas ce ventilateur avec un ètat solide dispositive de contrôle de Vitesse.





\*To Extend Drop Cord Length of Remote Switch Order 3', 6', or 12' Extension Cord Model # JF-DCS-EXT 3, Model # JF-DCS-EXT 6, or Model # JF-DCS-EXT 12 (Not Shown)

## CONTENTS OF THIS CARTON INCLUDE:

QUANTITY	ITEM	DESCRIPTION	<b>*****</b>
1	1/4 Motor and	Complete with 4 pre-	
	Pre-mounted Accessories	mounted serrated flange nuts, and modular end dome including pigtail cord & 2 Speed Drop Cord Switch.	For Lower Cord, Box, and Switch Assembly
1	Split Washer	1/2″ Std.	· · · ·
1	Bolt, Hex Head	1/2″-13 x 1-1/4″	Replacement
1	Nut, Hex	1/2" -13	Order Model
1	Bolt, Hex Head	1/4″-20 x 1′	# JF-DCS-SA
1	Serrated Flange Nut	1/4″-20	1
1	Allen Wrench	1/8″	
1	Power Cord	18' SJT Cord	

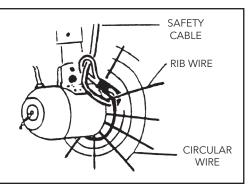
## ASSEMBLY INSTRUCTIONS

Slide Motor Mounting bracket (A) onto selected mount. Secure in place with 1/2" bolt, washer, and nut. Adjust angle of motor and securely tighten.

Slide  $1/4"-20 \times 1"$  bolt through adjustment slot and add 1/4"-20 nut and tighten securely. For attachment of fan guard unit, see instructions packed in guard/blade carton.

## WARNING

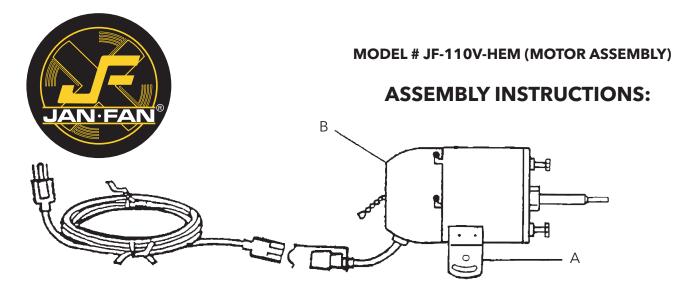
A Safety cable must be installed properly to help guard against fans falling from any cause. The safety cable should be run through the heavy circular wire on rear guard near motor and back out around adjacent radial rib wire as illustrated. Then clamp or otherwise fasten to I-beam or other permanent support. For extended vertical drops of fan mounting loop & clamp cable tight around top of rigid pipe fan support to keep fan support arm from falling down in case of arm mounting failure. For optional Safety Cable Kit order Model #JF-SCK.



## MODEL # JF-110V-HEM-DCS (MOTOR ASSEMBLY)

## **ASSEMBLY INSTRUCTIONS:**

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## CONTENTS OF THIS CARTON INCLUDE:

QUANTITY 1	ITEM 1/4 Motor and Pre-mounted Accessories	DESCRIPTION Complete with 4 pre- mounted serrated flange nuts, and modular end dome including pigtail cord & pull chain switch
1	Split Washer	1/2″ Std.
1	Bolt, Hex Head	1/2"-13 x 1-1/4"
1	Nut, Hex	1/2″ -13
1	Eye Bolt	1/4″-20 x 1″
2	Serrated Flange Nut	1/4″-20
1	Key (taped to motor)	1/8″x1/8″x 1-1/8″
1	Allen Wrench	1/8″
1	Extension Cord	18' SJT Cord

## ASSEMBLY INSTRUCTIONS

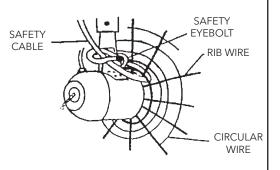
Slide motor mounting bracket (A) onto selected mount. Secure in place with 1/2" bolt, washer, and nut. Adjust angle of motor and securely tighten. Add 1/4"-20 nut to eyebolt (safety chain attachment) with hex side toward eye. Slide through adjustment slot and add 1/4"-20 nut and tighten securely. For attachment of fan guard unit, see instructions packed in guard/blade carton.

## CHANGING MODULAR DOME

The Modular End dome (B) which houses the capacitor, switch, and pigtail cord can be purchased for quick modular replacement of these components. Order Model #JF-MMS-HE.

## **WARNING**

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\*To Extend Drop Cord Length of Remote Switch Order 3', 6', or 12' Extension Cord Model # JF-DCS-EXT 3, Model # JF-DCS-EXT 6, or Model # JF-DCS-EXT 12 (Not Shown)

## CONTENTS OF THIS CARTON INCLUDE:

DUANTITY	ITEM	DESCRIPTION	
1	1/4 Motor and	Complete with 4 pre-	
	Pre-mounted Accessories	mounted serrated flange nuts, and modular end dome including pigtail cord & 2	[
		Speed Drop Cord Switch.	For Lower Cord,
1	Split Washer	1/2″ Std.	,
1	Bolt, Hex Head	1/2"-13 x 1-1/4"	Box, and Switch
1	Nut, Hex	1/2" -13	Assembly
1	Bolt, Hex Head	1/4"-20 x 1'	Replacement
1	Serrated Flange Nut	1/4"-20	Order Model
1	Allen Wrench	1/8″	# JF-DCS-SA
1	Power Cord	18' SJT Cord	11 01 D CO 3A

## ASSEMBLY INSTRUCTIONS

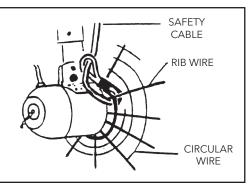
Slide Motor Mounting bracket (A) onto selected mount. Secure in place with 1/2" bolt, washer, and nut. Adjust angle of motor and securely tighten. Slide 1/4"-20 x 1" bolt through adjustment slot and add 1/4"-20 nut and tighten securely. For attachment of fan guard unit, see instructions packed in guard/blade carton.

## MODEL # JF-230-DCS 50HZ (MOTOR ASSEMBLY)

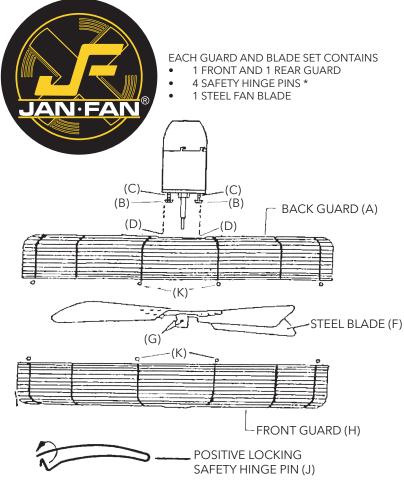
# **ASSEMBLY INSTRUCTIONS:**

## **WARNING**

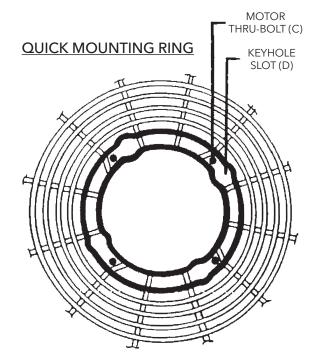
A Safety cable must be installed properly to help guard against fans falling from any cause. The safety cable should be run through the heavy circular wire on rear guard near motor and back out around adjacent radial rib wire as illustrated. Then clamp or otherwise fasten to I-beam or other permanent support. For extended vertical drops of fan mounting loop & clamp cable tight around top of rigid pipe fan support to keep fan support arm from falling down in case of arm mounting failure. For optional Safety Cable Kit order Model #JF-SCK.



## MODEL # JF-20GB, #JF-24GB, AND #JF-30GB INSTRUCTIONS FOR RAPID ASSEMBLY OF 20", 24", AND 30" HINGED GUARD AND BLADE TO MOTOR



- Install back guard (A) which has four keyhole slots (D) over the four serrated flange nuts (B) that are pre-mounted on motor thrubolts (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. So that the blade centers properly in the guard, the 20" and 30" Blade Hub should be pushed to the rear limit of the 1/2" portion of the shaft. The 24' Blade Hub should be at the front limit of the 1/2" portion of the shaft. Tighten set screws (G) securely.
- See instructions sheet packed with Motor for recommended use of safety cable.



- Fasten front guard (H) to back guard (A) by inserting four\* safety hinge pins (J) (each through two hinge pin loops (K) on front guard and two hinge pin loops on rear guard) thereby joining securely front guard to rear guard. Close safety hinge pins as they are installed.
- Front guard is now securely fastened to rear guard.
- By removing all but one safety hinge pin it will then act as a hinge for <u>ease of cleaning</u> or replacing the blade.

**HINGING GUARD** 

# SAFETY HINGE PIN (J)

## **MODEL # JF-AK (ADAPTOR KIT)**

(USED WHERE USER PREFERS TO DESIGN THEIR OWN MOUNT USING 1-1/2" PIPE)

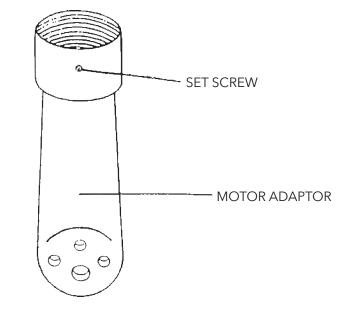
# **ASSEMBLY INSTRUCTIONS:**



THREE NYLON TY-WRAPS

CONTENTS OF THIS CARTON INCLUDE:

- Motor Adaptor with Set Screw
- 3 Nylon Ty-Wraps

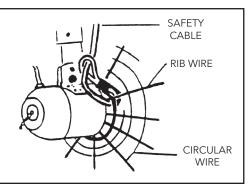


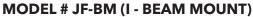
## ASSEMBLY INSTRUCTIONS

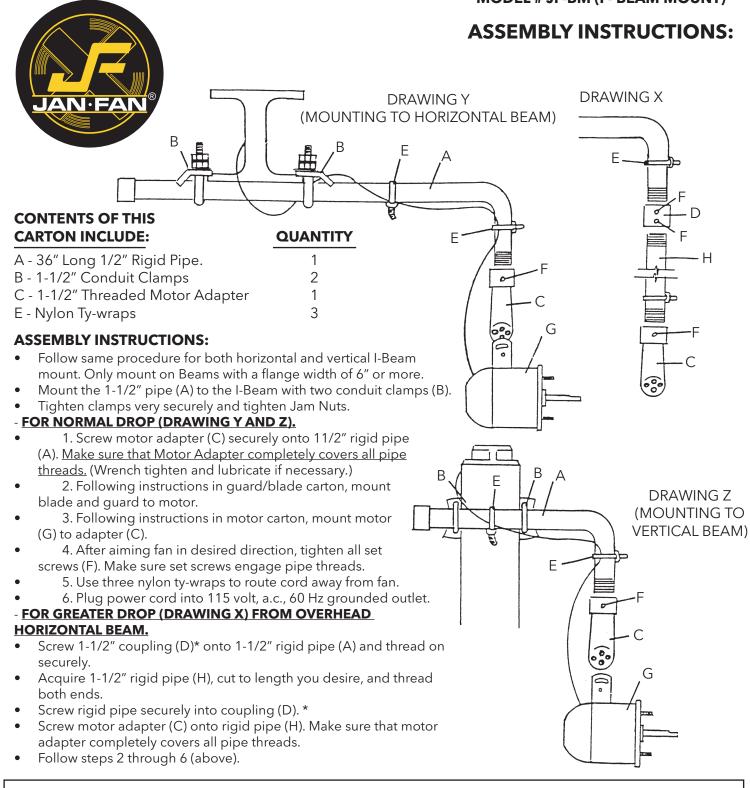
IMPORTANT:Screw Motor Adaptor securely into 1-1/2" rigid pipe with male thread (furnished by user).IMPORTANT:WRENCH TIGHTEN ADAPTOR KIT ONTO RIGID PIPE TO ACHIEVE COMPLETE THREAD ENGAGEMENT<br/>(Lubricate if necessary). Make sure that motor adaptor completely covers all pipe threads.<br/>Following instructions in motor carton, mount motor to motor adaptor.<br/>Following instructions in blade and guard carton, mount blade and guard to motor. After aiming fan in<br/>desired direction, tighten set screw securely against male pipe thread.<br/>Use 3 nylon ty-wraps to route cord away from fan.

## WARNING

A Safety cable must be installed properly to help guard against fans falling from any cause. The safety cable should be run through the heavy circular wire on rear guard near motor and back out around adjacent radial rib wire as illustrated. Then clamp or otherwise fasten to I-beam or other permanent support. For extended vertical drops of fan mounting loop & clamp cable tight around top of rigid pipe fan support to keep fan support arm from falling down in case of arm mounting failure. For optional Safety Cable Kit order Model #JF-SCK.

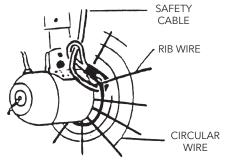






# WARNING

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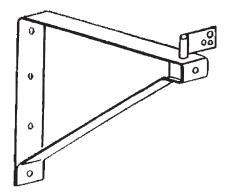


# MODEL # JF-WCM (WALL OR CEILING MOUNT) **ASSEMBLY INSTRUCTIONS:**

## **CONTENTS OF CARTON:**

<u>QUANTITY</u>	DESCRIPTIC
1	Wall/Ceiling
1	Swivel Brac
1	4x14 - 7/16
1	Hex Revers

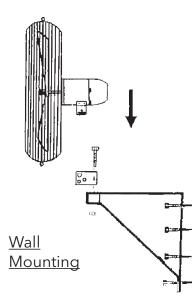


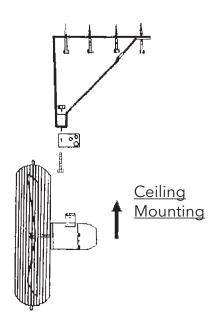


## ASSEMBLY INSTRUCTIONS

Assemble the Wall/Ceiling Mount with the Swivel Bracket as shown in the appropriate illustration below. Secure the assembled, Wall/Ceiling Mount VERY SAFELY (as determined by user) to structural wall, ceiling, or steelwork by using all four (4) mounting holes in the bracket. Follow instructions in motor carton to mount fan to bracket mount.

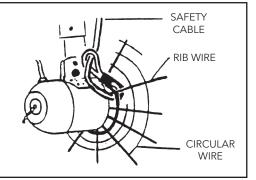






## WARNING

A Safety cable must be installed properly to help guard against fans falling from any cause. The safety cable should be run through the heavy circular wire on rear guard near motor and back out around adjacent radial rib wire as illustrated. Then clamp or otherwise fasten to I-beam or other permanent support. For extended vertical drops of fan mounting loop & clamp cable tight around top of rigid pipe fan support to keep fan support arm from falling down in case of arm mounting failure. For optional Safety Cable Kit order Model #JF-SCK. Do not use beam clamps where surface contact between pipe and mounting structure is less than 6 inches.



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# MODEL # JF-PB (PEDESTAL BASE) AND # JF-PC (PEDESTAL COLUMN) ASSEMBLY INSTRUCTIONS:

<u>CARTON CONTENTS</u> #JF-PB: Steel base with Allen Wrench #JF-PC: Heavy Duty Column and 2 Ty-Wraps

## ASSEMBLY INSTRUCTIONS

Remove base (A) from base carton and place on floor.

Gently and squarely place the 2" Pipe Thread (B) which is located at the bottom of the column, into the 2" coupling (D) that is welded to the center of the base (A).

Slowly screw column (C) clockwise into the coupling (D) <u>BEING CAREFUL</u> <u>NOT TO CROSS THREAD.</u> Continue to screw column down into base until it bottoms out.

Install and Tighten Set Screw (H) securely with Allen Wrench (supplied).

Following instructions in motor carton, mount to upper column adaptor (E).

Following instructions in guard/blade carton, mount blade guard to motor.

Use 2 Nylon Ty-Wraps (I) to route power cord (G) down outside of column.

After aiming fan in desired direction, plug power cord into 115 volt, a.c., 60Hz grounded outlet.

# NOTE: For optional "Wheel Kit" please order Model #JF-WK.

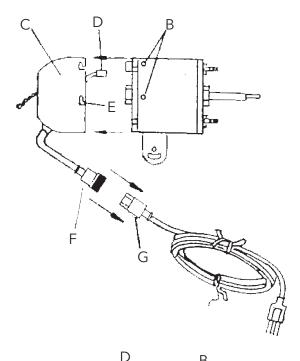


# MODEL # JF-DCS (REMOTE DROP CORD w/ 2 SPEED SWITCH) INSTALLATION INSTRUCTIONS:

FIG. A- Removal of stock modular motor end dome: FIG. A

Unplug short cord (F) from power cord (G). Loosen three screws (B). Twist end dome (C) counterclockwise and pull away from motor. Unplug connector (D).

**IMPORTANT:** Save this end dome for future modular replacements and/or parts.



TROUBLE-FREE

**SWITCH** 

## FIG. B- Installation of JF-DCS to motor:

Secure JF-DCS (drop cord with 2 speed switch) and plus in connector (D). Line up three slots (E) in end dome with screws (B) in motor. Push, then twist the end dome clockwise. Tighten screws. Plug short cord (F) into power cord (G). FIG. B

<u>3', 6', and 12' Extension cords available (Model #JF-DCS-EXT3, JF-DCS-EXT6, and JF-DCS-EXT12)</u> (not shown here) provides different lengths of drop to allow for various heights of overhead mounted fans.

\* See instruction sheet packed with all major components for recommended use of safety cable.

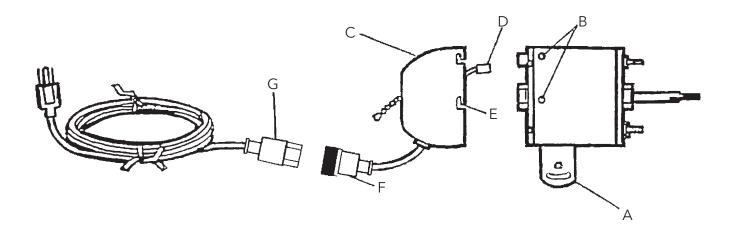


## MODEL # JF-MMS-HE (MODULAR MOTOR END DOME)

(w/ Recessed Protected Switch\*)

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

At best, to replace a switch, capacitor, or cord on the site has been a costly, time consuming task. The modular end dome houses the switch, capacity, and 7" pigtail with positive locking device, and can be quickly removed as a unit without removing fastening screws and replaced with a new or rebuild 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.



## MODULAR END DOME REPLACEMENT INSTRUCTIONS

## **CHANGING MODULAR END DOME**

- Unplug short cord (F) from power cord (G).
- Loosen three screws (B). Twist end dome (C) counterclockwise and pull away from motor.
- Unplug connector (D).
- Acquire new or rebuilt end dome and plug in connector (D).
- Line up three slots (E) in end dome with screws (B) in motor. Push then twist end dome clockwise. Tighten screws.
- Plug in cord (F) into power cord (G).

## SAFETY CABLE KIT FOR USE WITH OVERHEAD MOUNTED This kit consists of: JAN FANS 12' x 1/8" Cable 2 Cable Clamps Installation Instructions JAN·FAN (BEAM MOUNT SHOWN) **IMPORTANT:** TO KEEP FAN FROM FALLING, FROM **ANY CAUSE, IN AN OVERHEAD** CABLE **MOUNT APPLICATION, IT IS STRONGLY** I-BEAM **CLAMPS RECOMMENDED THAT A SAFETY** CABLE BE INSTALLED. SAFETY • CABLE SAFETY **GUARD** CABLE • **RIB WIRE** CIRCULAR WIRE

**MODEL # JF-SCK** 

## **INSTALLATION INSTRUCTIONS**

- 1. Feed 1/8" cable through the heavy circular wire on rear guard near motor and back out around adjacent heavy radial rib wire then through closed loop end of cable.
- 2. For extended vertical drops of fan mounting or when mounting beyond factory mount length, safely clamp cable tight to the top of the rigid pipe fan support near building structure in order to keep fan support arm from falling (swinging) down in case of arm mounting failure.
- 3. Take up all slack, making sure there is no part of the cable that may interfere with the blade.
- 4. Wrap end of cable around a secure building joist, beam, truss, or other support close to the fan assembly. Take up all excess slack in the cable.
- 5. Attach the cable clamps and tighten very firmly.
- 6. To avoid Fan/Cable interference, remove the excess cable that is remaining (except for 3" to 4") after the second clamp has been tightened.

## USE CLAMPS PROPERLY FOR MAXIMUM EFFICIENCY

U-BOLT SHOULD BEAR ON DEAD END OF CABLE



**CATION:** WIRE CABLE MUST BE INSPECTED REGULARLY FOR ANY DETERIORATION WHICH MAY RESULT IN THE LOSS OF ORIGINAL STRENGTH. USER MUST DETERMINE WHETHER FURTHER USE OF THE CABLE WOULD CONSTITUTE A SAFETY HAZARD TO LIFE OF PROPERTY.

# **MODEL # JF-WK** JAN FAN - WHEEL KIT (FOR PEDESTAL FANS)



## **INSTALLATION:**

- Only install <u>AFTER</u> pedestal fan assembly is complete.
- Position Wheel Kit to the <u>DIRECT REAR</u> of the pedestal fan as shown.
- To install, simply slip the wheel kit bracket onto the pedestal base lip as far as possible.
- Hand tighten the 2 plastic knobs located on the top of the wheel kit.
- Installation is now complete.

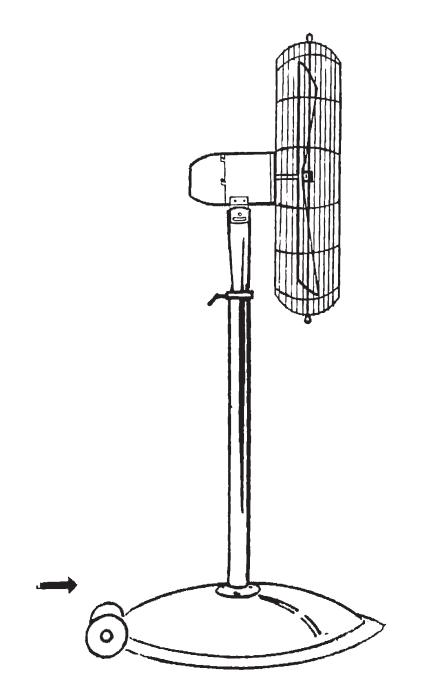
## USE:

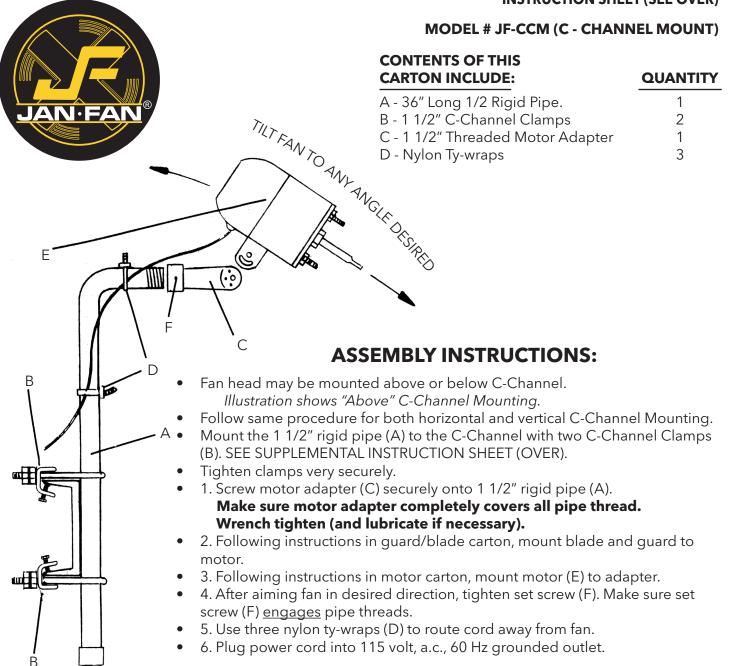
The easiest method to move the fan is to <u>CAREFULLY</u> tilt the fan back by holding the upper portion of pedestal and stabilizing the fan with your foot positioned between the two wheels.

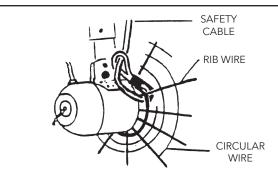
# WARNINGS:

<u>NEVER:</u> Attempt to move the fan while the fan is running!

<u>ALWAYS:</u> Be careful of HOT MOTOR if fan has been running before moving.

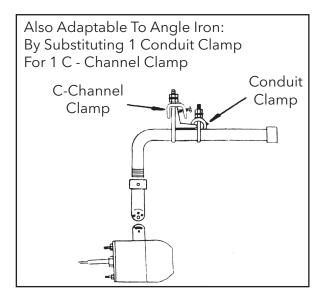






## WARNING

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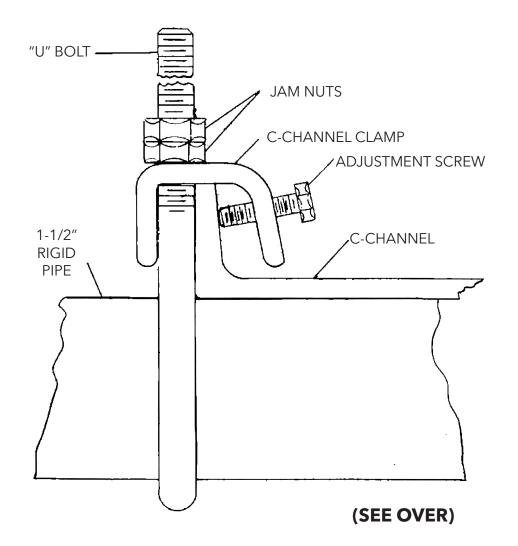


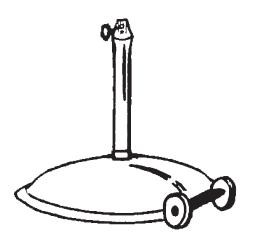


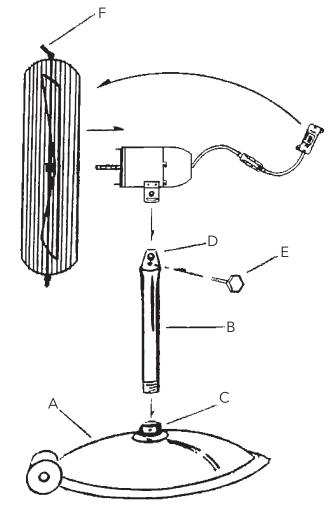
## SUPPLEMENTAL INSTRUCTION SHEET FOR CHANNEL CLAMPS SUPPLIED WITH C - CHANNEL MOUNT MODEL # JF-CCM

Please follow these instructions to ensure proper installation of C-Channel Clamps.

- STEP 1: Pre-assemble C-Channel Clamps and 1-½" Rigid Pipe to C-Channel by finger tightening Jam Nuts, while making sure that "U" Bolts, C-Channel Clamps and 1-½" Rigid Pipe are <u>FULLY</u> seated against C-Channel as shown in illustration below.
- STEP 2: <u>Finger tighten</u> Adjustment Screw as shown onto inner leg of C-Channel thereby drawing "U" Bolt against C-Channel.
- STEP 3: Tighten Jam Nuts securely.







## MODEL # JF-MM (MOBILE FLOOR MOUNT)

# **ASSEMBLY INSTRUCTIONS:**

## **CONTENTS OF CARTON:**

- 1 Steel base with Allen Wrench
- 1 20" Vertical Column
- 1 Wheel Kit
- 1 Tilt Adjustment Knob Assembly
- 2 Handle Hinge Pins (1 large and 1 small)
- 2 Ty-Wraps

## **ASSEMBLY INSTRUCTIONS:**

- Remove all parts from carton.
- With Base (A) on floor, squarely thread bottom of Vertical Column (B) onto the 2" coupling that is welded to the center of the base. <u>BEING CAREFUL NOT TO CROSS-</u> <u>THREAD</u> continue to screw column down until it firmly bottoms out very tightly.
- Tighten set screw (C) with Allen Wrench supplied.

Following the Instructions in Motor Carton, mount Motor to Column Adaptor (D) with the following <u>exceptions to the</u> <u>motor carton instructions:</u>

- Tighten large 1/2" bolt firmly enough to still allow tilt of motor. <u>This bolt should still hold the majority of the fans'</u> <u>head weight.</u>
- 2. <u>Substitute</u> the smaller 1/4" bolt and nuts in motor hardware bag <u>with the Mobile Mounts' threaded Tilt</u> <u>Adjustment Knob</u> with serrated flange nut (E).

Following the Instructions packed in the Guard and Blade Carton, mount blade and guard to motor.

- <u>Substitute</u> the proper sized Mobile Mount "Handle Hinge Pin" (F) for the normal type hinge pin at the top of the guard... for 20" and 24" fan sizes use the <u>short</u> Handle Hinge Pin. For the 30" fan size use the <u>longer</u> Handle Hinge Pin.
- Once installed, the "handle" should lean <u>toward the Front</u> of the fan.

Slide Wheel Kit <u>fully</u> onto the edge of the Base paying attention to <u>mount the wheels Squarely with the FRONT of the fan.</u>

- Hand Tighten the 2 Knobs on top of wheel kit to secure to base.

If using the Motor with Drop Cord Rocker Switch, 2 Ty-Wraps are included to mount the yellow switch box onto the upper center portion of the rear guard. This is done by running a Tywrap through each of the switch box mounting ears and then through the rear guard.

# SEE NEXT PAGE FOR USE AND WARNINGS



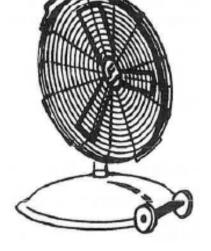
# USE:

## EASIEST METHOD TO MOVE AND ROLL THE FAN:

- 1. When moving the fan, the fan's tilt angle should be in a fairly upright "straight forward" position and not excessively tilted (aiming) to high. This makes reaching the Handle much easier.
- 2. While standing in <u>front</u> of the fan with your foot between the wheels for stability, grasp and pull the "<u>Handle</u> Hinge Pin" located on top of the fan and slowly tilt fan toward you until fully balanced on the wheels.

## AIMING AND TILT ADJUSTMENT:

Slightly Loosen black plastic adjustment knob and adjust tilt direction of fan by using the handle on top of the guard, then re-tighten knob <u>firmly</u>.



# WARNINGS:

<u>Never</u> attempt to move <u>or</u> adjust fan while fan is running!