



INDUSTRIAL DRUM FAN

INSTRUCTION MANUAL

#73AVF24MC 24"

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SPECIFICATIONS

MODEL	SIZE	VOLTAGE	WATTS	SPEEDS
73AVF24MC	24"	120V	230W	3

INTENDED USE

This product is intended for INDOOR USE ONLY. Use only with electrical wiring that is in good working order and that meets applicable codes and ordinances. If you have any questions whether your wiring is adequate, consult a qualified electrician.

While using your fan, follow the IMPORTANT INSTRUCTIONS listed below. As part of those instructions, we have used the word "WARNING" to indicate the level of hazard: WARNING indicates a hazard which, if not avoided, could result in injury or death.

IMPORTANT INSTRUCTIONS

As with all electrical appliances, basic safety precautions should always be followed to reduce the risk of electric shock, fire, or injury to persons, including the following precautions:

- Read all instructions before using this fan.
- Use this fan only as described in this manual. Any other use not recommended by the manufacturer may cause electrical shock, fire, or injury to persons.
- Do not operate the fan with a damaged power cord or after the fan malfunctions or has been dropped in any manner.
- Use of extreme caution is necessary when any fan is used by or near children, disabled persons, or pets. Use caution whenever the fan is left operating unattended.
- Do not place the fan on a surface that is unlevel, uneven, or too small to support the fan. Surfaces which might allow fan to tip or fall should be avoided.
- For proper operation, the fan should be placed on a smooth, non-combustible, level surface.
- Always unplug the fan when not in use, when moving from place to place, when assembling or disassembling parts, and before cleaning.
- The use of attachments not recommended or sold by the manufacturer may cause hazards.
- Do not use outdoors.
- Do not use fan in window. Rain may cause electrical hazard (for non-window models).
- Do not operate the fan with blade guards or any safety device removed.
- Avoid the use of extension cords due to risk of fire. If an extension cord must be used, the cord must be minimum 14 AWG and rated not less than 1,875 watts.
- Do not run power cord under carpeting. Do not cover cord with throw rugs, runners, etc. Arrange cord away from traffic area where it will not be tripped over.
- Do not insert objects into the fan or allow any object to enter any openings on the fan. Doing so may cause electric shock and/or fire hazard. Avoid contact with moving parts.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the appliance.

WARNINGS



OBSERVE THE FOLLOWING:

WARNING: SHOCK HAZARD

Use your fan only in dry environments. This fan is not intended for use in a bathroom, laundry area, or similar locations, or near sinks, washing machines, swimming pools, or other sources of water. Never locate fan where it may fall into a bathtub or other water receptacle. DO NOT use in damp environments such as flooded basements.

WARNING: HOT SURFACES

DO NOT touch fan motor when in use. This motor is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.

WARNING: FIRE HAZARD

Fans have arcing or sparking parts inside. DO NOT USE near combustible materials, flammable gases, or sources of heat. DO NOT USE in areas where gasoline, paint, or flammable materials are used or stored. To prevent a possible fire, do not block air intake(s) or exhaust(s) in any manner. DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock, fire, or damage the fan.

WARNING: ELECTRICAL SHOCK HAZARD

DO NOT use with damaged cord or plug. Use with adequate electrical system that is up to code.

CAUTION:

TO PREVENT ELECTRIC SHOCK:

- This product has a three-prong grounded plug that must be inserted into a matching, properly grounded outlet to reduce the risk of electrical shock. DO NOT attempt to bypass this safety feature.

WARNING:

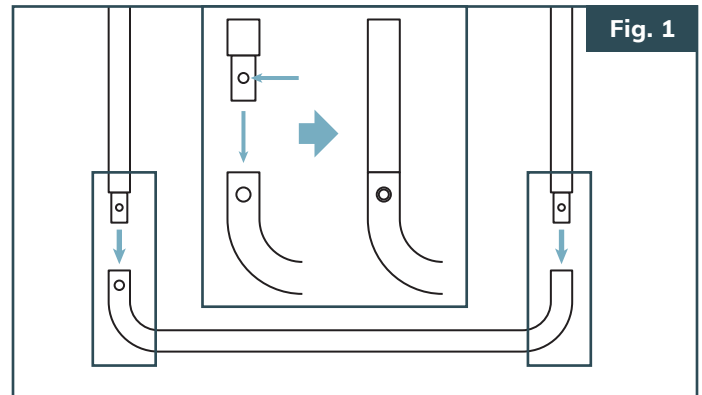
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK:

- DO NOT use this product with any solid-state speed control device.
- DO NOT operate any fan with a damaged cord or plug or after fan malfunctions or has been dropped or damaged in any manner. DO NOT operate fan with a broken blade, broken safety cage, or any visual imperfections. Disconnect power before servicing.
- DO NOT run power cord under carpeting. DO NOT cover cord with throw rugs, runners, etc. Arrange cord away from traffic area where it will not be tripped over. Avoid the use of extension cords due to risk of fire. If an extension cord must be used, the cord must be minimum 14 AWG and rated not less than 1,875 watts. DO NOT use an extension cord unless the plug can be completely inserted into its receptacle. Unplug the fan when not in use. DO NOT operate fan with its ventilation obstructed.

ASSEMBLY INSTRUCTIONS

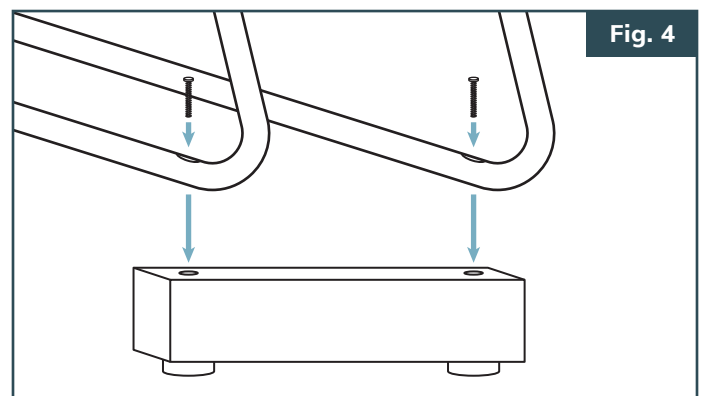
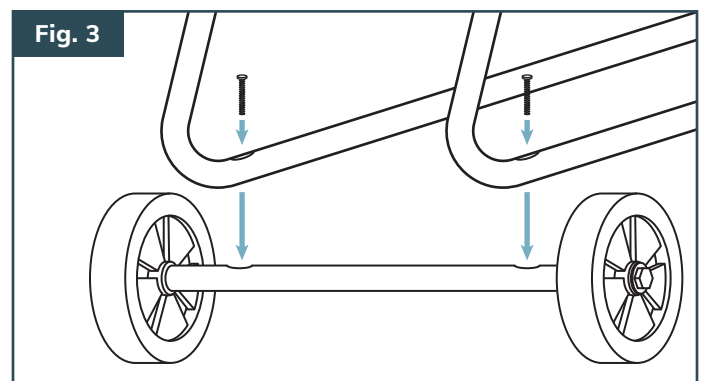
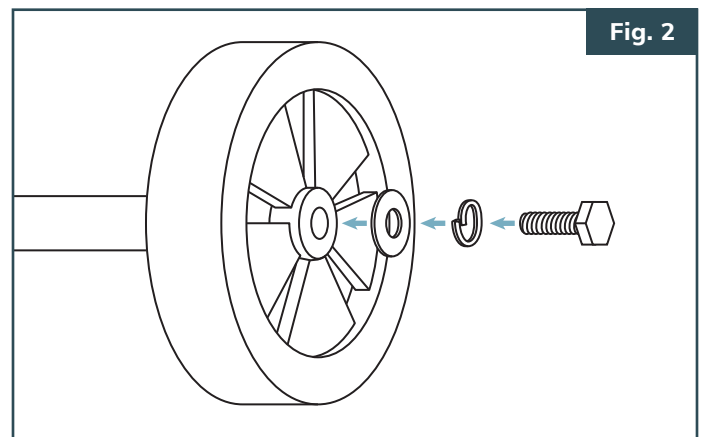
FAN CRADLE ASSEMBLY

1. Align cradle base (packed separately) with support brackets attached to fan body sides.
Note: You may need to flex the parts to make them align properly.
2. Insert support bracket into opening of cradle base. Press spring loaded button down to allow it to insert into cradle base (Fig. 1).
3. Press support bracket into cradle base until spring button protrudes out open hole in cradle base.
4. Repeat above process for opposite side of fan.



FAN BASE ASSEMBLY

1. Loosen the screw, flat washer, and gasket from both ends of the axle tube. Insert a wheel onto each end of the axle, then replace the gasket, flat washer, and screw to secure the wheels (Fig. 2). Fully tighten.
2. Attach the axle tube and assembled wheels to one end of the fan cradle using the supplied screws (Fig. 3).
3. Attach the stationary base to the other end of the fan cradle using the supplied screws (Fig. 4).
4. Assembly complete.



OPERATING INSTRUCTIONS

Fan Operation:

Always operate the fan in the upright position following all instructions and recommendations listed in this manual.

Do not operate the fan without the grille in place.

Do not use the fan if it has malfunctioned or become damaged in any way.

Fan Location:

Place the fan in the area of the room that will provide proper cooling.

Fan Connection:

Plug fan directly into 120V A.C., 60 Hz wall outlet. Ensure plug fits tightly in outlet. A loose connection may cause overheating and damage to the plug or fan.

NOTE: To prevent overloading a circuit, do not plug the fan into a circuit that is servicing other electrical needs.

Turning Fan On:

Place fan on a stable, level surface. Plug fan into properly grounded outlet. To start the fan, turn the switch from the OFF position to the desired fan speed.

Turning Fan Off:

To turn the fan off, turn the switch from the current fan speed setting to the OFF position. Remove plug from outlet.

Adjusting Fan Tilt:

Loosen the adjustment screw to adjust the tilting angle. After adjustment, retighten the adjustment screw.

CARE AND MAINTENANCE

Cleaning:

- **CAUTION:** Before cleaning the fan, be sure to disconnect the power cord from the plug.
 - DO NOT use harsh chemical or abrasive cleaners.
 - DO NOT IMMERSE THE FAN OR ANY WIRES IN WATER.
1. Unscrew and remove front grille only. Clean the grille and fan blade surface with a clean, damp cloth.
 2. Replace front grille before fan use. Allow fan to dry completely before use.
 3. Periodic grille cleaning with a vacuum will prevent dust buildup. The motor does not require any interior maintenance, cleaning, or lubrication.

Maintenance:

- The internal motor bearings are permanently lubricated at the factory and do not require any additional lubrication.

Storage:

- Keep original package for storage of the fan. Coil and tie the power cord to avoid damage during storage.

Fuse Replacement:

- If your model has a plug with a replaceable fuse, please read and follow the below instructions to replace the fuse.
- This product employs overload protection (fuse). A blown fuse indicates an overload or short-circuit situation. If the fuse blows, unplug the product from the outlet. Replace the fuse as per the user servicing instructions (follow product marking for proper fuse rating) and check the product. If the replacement fuse blows, a short-circuit may be present and the product should be discarded or returned to an authorized service facility for examination and/or repair.
- **WARNING:** Risk of fire. Replace fuse only with identical 5.0 Amp, 125V fuse (3.6 mm x 10 mm).

1. Grasp plug and remove from the receptacle or other outlet device. Do not unplug by pulling on cord.
2. Access fuse by sliding the fuse access cover on top of the plug towards prongs (Fig. 5).
3. Remove fuse carefully (Fig. 6). Use a small tool to pry the end of the fuse from holder cavity.
Note: Be careful not to break glass window.
4. Replace fuse. Ensure fuse is properly seated within its cavity (Fig. 7).
5. Close fuse access cover by sliding it back to its original closed position (Fig. 8).

