



OWNER'S MANUAL

30" DIRECT DRIVE DRUM FAN

INDUSTRIAL FLOOR FAN



MODEL 2VAFDRUM30

PRODUCT SPECIFICATIONS

- Model No: 2VAFDRUM30
- Item Name: Direct Drive Industrial Drum Floor Fan
- Rated Voltage: 120V (60Hz)
- Rated Power: 500W
- Mode Fan Speeds: Low / High
- Fan Blade Diameter: 30 Inch

CONSUMER PRODUCT INFORMATION

For your own records, please attach a copy of your sales receipt to this manual. Also, write the store name/location and date purchased below:

Store Name: _____

Location: _____

Date Purchased: _____

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IMPORTANT NOTE:
Please read and save these instructions. Read through this owner’s manual carefully before using this product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to property. Illustrations in this manual are for explanatory purposes only, your actual product may look slightly different. **SAVE THIS MANUAL FOR FUTURE REFERENCE.**

 **WARNING:** Cancer www.P65Warnings.ca.gov

INSTRUCTIONS

ASSEMBLY INSTRUCTIONS

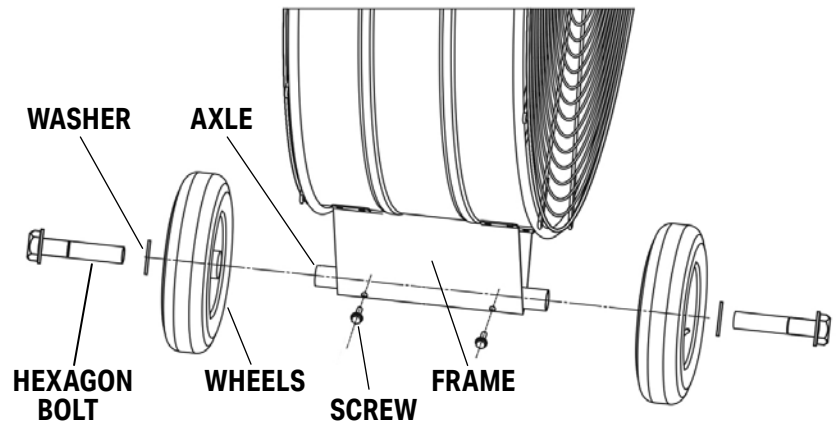
WARNING

Before assembling the fan, make sure all parts are present. If any part is missing or damaged, do not attempt to assemble, install, or operate the product. Contact customer service for replacement parts. Unplug fan before assembling any parts to it.

PACKAGE INCLUDES

- Fan Body x 1
- Wheels x 2
- Screws x 2
- Axle x1
- Washer x 2
- Hexagon Bolt x 2

1. Insert axle shaft through the frame. Align the holes in the frame to the holes in the axle. Secure screws with a screw driver as shown.
2. Slide in each wheel over end of each axle shaft and secure with hexagon bolts and washers.
3. Tighten hexagon bolts.



DEFINITIONS: SAFETY GUIDELINES

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

 **DANGER:** Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.

 **WARNING:** Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

 **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTES: Indicates a practice not related to personal injury which, if not avoided, **may** result in **property damage**.

IMPORTANT INSTRUCTIONS

 **WARNING:** 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 the instructions before using this fan.**

- Use this fan only as described in this manual. Any other use which is 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 and whenever the fan is left operating unattended.

- Do not place the fan on a small, unlevel, uneven or any surface which might allow fan to tip or fall.
- For proper operation, fan should be placed on a smooth non-combustible, level surface.
- Always unplug fan when not in use, when moving from place to place, when assembling or disassembling parts, and before cleaning.
- The use of attachments that are 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.
- Do not operate the fan with blade guards or any safety device removed.

- Do not run power cord under carpeting. Do not cover cord with throw rugs, runners or the like. Arrange cord away from traffic area where it will not be tripped over.
- Do not insert 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 who is responsible for their safety.
- Children should be supervised to ensure they do not play with the appliance.

READ & SAVE THESE INSTRUCTIONS

WARNING

Shock hazard: Use this 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.

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.

Fire hazard: Fans have arcing or sparking parts inside. Do not use near combustible materials or 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 intakes or exhaust 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.

Electrical shock hazard: Do not use with damaged cord or plug. Use with adequate electrical system that is up to code.

To prevent electric shock: Improper connection of the equipment-grounding conductor can result in a risk of electric shock, check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

To reduce the risk of fire or electric shock: Do not use this product with any solid-state speed controls.

WARNING

Use only extension cords that are rated for outdoor use. Extension cords in poor condition or that are too small in wire size can pose fire and shock hazards. To reduce the risk of these hazards when using an extension cord, be sure it is in good condition and that the connection does not come into contact with liquid. To keep power loss to a minimum, use the following table to choose the minimum wire size extension cord.

Extension Cord Length	Wire Gauge A.W.G.
0-50 feet	14
50-100 feet	12

GROUNDING INSTRUCTIONS

In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. The fan must be connected to a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

 DANGER: Improper connection of the equipment grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or service person if the grounding instructions are not completely understood, or if in doubt as to whether the fan is properly grounded. Do not modify the plug connected to the fan – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

FOR GROUNDED, CORD-CONNECTED FAN RATED LESS THAN 15A AND INTENDED FOR USE ON A NOMINAL 120V SUPPLY CIRCUIT

The fan is for use on a nominal 120V circuit, and should be connected to a grounding outlet that looks like that illustrated in **Figure A**. A temporary adaptor, which looks like the adaptor illustrated in **Figure B**, may be used to connect this plug to a 2-pole receptacle as shown in **Figure B** if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, plug, and the like, extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover.

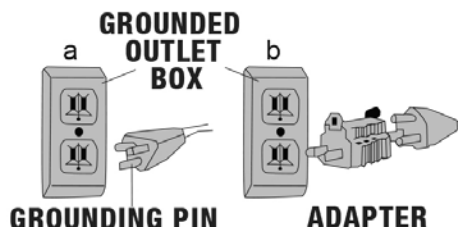
INSTRUCTIONS

(Continued)

Whenever the adaptor is used, it must be held in place by the metal screw.

NOTE: IN CANADA, THE USE OF A TEMPORARY ADAPTOR IS NOT PERMITTED BY THE CANADIAN ELECTRICAL CODE.

Ensure that the fan is connected to an outlet having the same configuration as the plug.



USE OF EXTENSION CORDS WITH FAN

Only use a grounded extension cord that is rated at least 15 Amps and has a third-wire ground. When a long extension cord is used to connect the fan, a voltage drop occurs. The longer the cord, the greater the voltage drop. This results in less voltage being supplied to the fan and increases the amount of current (Amp) draw or reduces performance. A heavier cord with a larger wire size will reduce the voltage drop. Be sure to choose a cord that will supply enough voltage to operate the fan. The table below indicates appropriate gauge for extension cords.

Minimum Gauge for Extension Cord Sets						
Ampere Rating		Volts	Total Length of Cord in Feet (meters)			
		120V	25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
		240V	50 (15.2)	100 (30.5)	200 (61.0)	300 (91.4)
More Than	Not More Than	AWG				
0	6	18		16	16	14
6	10	18		16	14	12
10	12	16		16	14	12

OPERATION INSTRUCTIONS

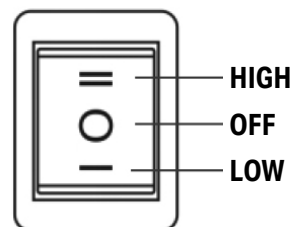
Fan operation: Always operate the fan in the upright position following all instructions and recommendations listed in this manual.

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

Fan connection: Plug fan directly into 120 volt A.C., 60 Hz wall outlet. Be sure 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.

Speed control: Press the rocker switch to select low (I) / high speed (II)



CARE AND MAINTENANCE CLEANING

⚠ WARNING: Before cleaning the fan be sure to disconnect power cord from the plug. Clean the grille surface with a clean damp cloth. Do not use harsh chemical or abrasive cleaners.

⚠ WARNING: DO NOT IMMERSE THE FAN OR ANY WIRES IN WATER. Replace front grille before fan use and allow fan to dry completely before use. Periodic grille cleaning with a vacuum prevents dust build up. The motor is sealed and 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.

REPAIR

⚠ WARNING: 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.

STORAGE

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

⚠ WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS AND/OR ELECTRICAL SHOCK, TURN POWER SWITCH OFF AND DISCONNECT GROUNDED PLUG FROM ELECTRICAL OUTLET BEFORE PERFORMING TROUBLESHOOTING CHECKS.

Minor problems often can be fixed without calling customer service.

TROUBLESHOOTING

ISSUE	POSSIBLE CAUSE	RECOMMENDED SOLUTION
Fan not turning on	Power cord not plugged in securely	Ensure the power cord is fully inserted into a working outlet.
	Circuit breaker has tripped or fuse blown	1. Check your circuit breaker panel for a tripped breaker.
		2. Reset the breaker, or replace the fuse if blown.
	Fan switch not in the "On" position	Turn the fan speed control switch to the "On" position or desired speed.
	Faulty power outlet	Test the outlet with another device (e.g., a lamp) to ensure it's functioning. If the outlet is faulty, use another outlet.
	Motor issue	If the fan doesn't turn on after checking the power supply, unplug the fan and contact customer service.
Unusual noise during operation	Loose screws or parts	1. Turn off and unplug the fan.
		2. Inspect all screws on the housing and blades.
		3. Tighten any loose screws using a screwdriver.
	Fan blades are unbalanced	1. Turn off and unplug the fan.
		2. Inspect each blade for bends or damage.
		3. Remove any objects or debris obstructing the blades.
Fan vibrating excessively	Fan placed on an uneven surface	1. Ensure the fan is placed on a stable, level surface.
		2. If necessary, move the fan to a different location.
	Loose fan blade	1. Turn off and unplug the fan.
		2. Check if the fan blades are securely attached and tighten any loose screws.
Fan overheating	Dust or debris buildup in motor vents	1. Turn off and unplug the fan.
		2. Clean the motor vents using a soft brush to remove dust.
		3. Wipe down the fan blades and housing with a dry cloth.
	Prolonged use in a poorly ventilated space	1. Turn off the fan and allow it to cool down.
		2. Ensure it is operating in a well-ventilated area.
	Electrical issue	If the fan continues to overheat, unplug it and contact customer service for further assistance.
Reduced airflow	Dirty or obstructed fan blades	1. Turn off and unplug the fan.
		2. Clean the blades with a soft, dry cloth to remove dirt or debris.

⚠ WARNING: If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



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