

IMPORTANT INSTRUCTIONS INSTALLATION MANUAL



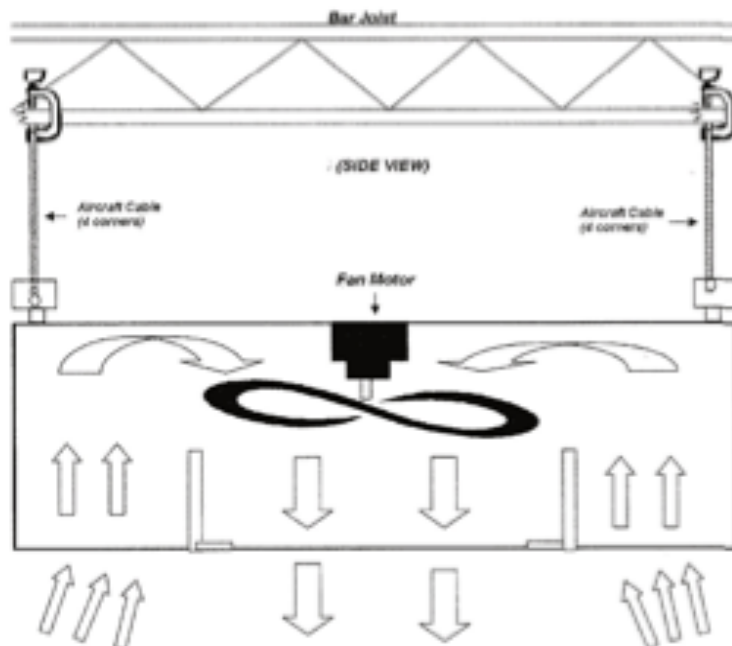
DESTRATIFICATION FAN MODEL LA-248 / DA-248

This fan is for commercial or industrial use only.
It is not intended to be used in residential settings.

READ AND SAVE THESE INSTRUCTIONS.

Read carefully before attempting to assemble, install operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage!

RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.



GENERAL SAFETY INFORMATION

1. Read all instructions before using this fan.
2. **WARNING! TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING –**
 - A. Installation work and electrical wiring must be done by a qualified person(s) in accordance with NES (NFPA 70) and all applicable local codes and standards, including fire-rated construction and 16 running watts. The power source must conform to the electrical requirements of the unit: 120 Volt AC Only.
 - B. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
 - C. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer. The fan can be set to operate at low, medium, or high speed.
 - D. Before servicing or cleaning unit, switch power off at the fan. To kill power to the fan, switch power off at the service panel and lock the disconnection means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, severely fasten prominent warning device, such as a tag, to the service panel.

INSTALLATION

Caution

1. To reduce the risk of injury to persons, install fan at least 2.1 meters (7 feet) above the floor.
2. Check that the supply voltage corresponds to the rated voltage on the motor of the fan. Any deviation may void this warranty.
3. Make sure that the beam clamp is mounted securely to the building structure (e.g. beam joint).
4. All set screws must be checked and retightened where necessary after installation. No lubricants should be used on screws or hooks.

Hanging the Fan

1. The Air-Row LA-248 and the DA-248 fan can be installed into the suspended drop ceiling. It can rest on the T-grid bracket but **MUST** be secured from above.
2. All hangers, cables, and chains must be capable of complying with all eight bearing specifications to meet or exceed all local codes.
3. Attach each length of chain or aircraft cable to each of the floor adapter units located at the four corners of the LA-248 and/or the DA-248. Turnbuckles are recommended to level the installation.

4. Attach the beam clamps to the top of the length of chain or aircraft cable. Mount the beam clamps securely to the structural ceiling joints or building structure.
5. An alternative approach is to loop the chain or aircraft cable over a ceiling joint and secure it to an adaptor in the opposite corner of the can.
6. Connect the lead wires to the power supply. Connect back-to-back, white-to-white, and green-to-green to ground nut on collection box in accordance with NEC (NFPA 70) and all applicable local codes and standards.
7. Wiring connections should be fused carefully into the outlet box.
8. Be sure the Air-Row air pattern has an unobstructed path to the floor. Do not install above cooking surfaces in a kitchen.
9. Place/move the building's thermostat sensors or fan's optional temperature control sensors where they best respond to temperature changes in the area they cover.
10. Floor maintenance may require the Air-Row fan to be shut off during the maintenance to avoid rapid drying of floor treatment products.

User Servicing Instructions

Always disconnect the fan from the power source before service. To prevent possible fire, do not block air intake or exhaust in any manner. Use this fan ONLY in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

SAFETY FEATURES

1. A thermal overload protector is built in to the motor to prevent overheating.
2. When an overheat temperature is reached, the unit will be automatically shut off. It can only resume operation when the user resets the power to the unit.

To reset the unit, turn the power to the unit OFF and re-supply the power.

TROUBLESHOOTING TIPS

If your unit shuts off unexpectedly or fails to operate, the above-mentioned safety feature may have been activated to prevent overheating.

1. Be sure the correct power is supplied.
2. Check that there is nothing obstructing the moving parts.

If you have a problem that cannot be resolved by the steps listed, contact Technical Assistance at 317-574-1009, Monday through Friday, between the hours of 8 a.m. and 4 p.m. EST.

STORAGE

Store the unit with these instructions in the original carton in a cool, dry place.

MAINTENANCE

WARNING: Always remove power supply before moving or servicing.

WARNING: Do not immerse unit in water.

CLEANING IMPORTANT! Clean the unit with the vacuum brush attachment to your vacuum cleaner. This will remove lint and dirt from the inside of the fan. Clean the body of the fan with a softy cloth.

Removal of the Grill for Cleaning – Make certain the fan is off and not running. Position yourself on the side of the grill where the two prong-loaded releases are located. Grip the opposite side of the grill and pull toward you. The grill should slide out allowing you to service/clean the inside compartment area. To clean, soak the grill in soapy water or mild degreaser, scrub with soft brush, rinse and allow to dry.

All other servicing, with the exception of general user-maintenance, should be performed by an authorized service representative.

FOR TECHNICAL ASSISTANCE AND SERVICE

Please call 317-574-1009 Monday-Friday, 8 a.m. – 4 p.m. EST for the location of our nearest service center.

Reference the type and style of product (located on the underside of the product) when you call.

For more information, please visit our website at www.airrowfans.com.

LIMITED WARRANTY

Should accessory parts be needed, contact the manufacturer for in-warranty replacement parts. A copy of proof-of-purchase must be included along with the type and style, which is located on the unit. This product is warranted for three years from the date of purchase against defects in workmanship and/or materials. At our option, parts that prove to be defective will either be repaired or replaced for the whole product will be replaced.

Should electrical or mechanical repair become necessary during the warranty period, you're your complete product, postage or freight pre-paid to the nearest center. Call the number below for the service station nearest you. Should a part need replacement, you must give us the type and style of your unit. You will find this on your unit. In either case, a copy of your proof-of-purchase is requested.

This warranty does not apply if the damage occurs because of accident, improper handling or operation, shipping damage, abuse, misuse, unauthorized repairs made or attempted, or the use of this product for residential use.

ALL WARRANTIES, EXPRESS OR IMPLIED, LAST FOR THREE YEARS FROM THE DATE OF ORIGINAL INSTALLATION. THIS WARRANTY DOES NOT COVER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR ANY CAUSE WHATSOEVER.

Some states do not allow limitations on how long any implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so that the above limitations and exclusions may not apply to you. This warranty gives you specific or legal rights. You may also have rights which vary from state to state.



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