

shop·air[®]
A SHOP-VAC® COMPANY

Series:
WAIR

USER MANUAL

Household and Workshop Use
WALL MOUNT AIR CIRCULATOR

ATTENTION!

Read all safety rules carefully before attempting to operate. Retain for future reference.

DANGER!



Never operate this unit when flammable materials or vapors are present because electrical devices produce arcs or sparks that can cause a fire or explosion. **NEVER OPERATE UNATTENDED!**

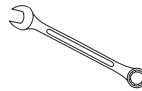
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TOOLS NEEDED



- Safety glasses



- One $\frac{7}{16}$ " and two $\frac{9}{16}$ " wrenches or sockets

IMPORTANT SAFETY INSTRUCTIONS

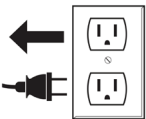
When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.

⚠ WARNING — TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing. Connect to a properly grounded outlet only. See Grounding Instructions.
2. Do not expose to water or rain – store indoors.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not operate Air Circulator with damaged cord or plug. Discard Air Circulator or return to Shop-Vac Corporation for examination and/or repair. If appliance is not working as it should, has been dropped, damaged, left outdoors or dropped into water, contact Shop-Vac Corporation for assistance.
6. Do Not: pull or carry by cord, use cord as a handle, close door on cord or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug; not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
11. Turn off all controls before unplugging.
12. **WARNING!** To avoid injury or property damage: do not use around explosive liquids or vapors, as electrical devices produce arcs or sparks, which can cause a fire or explosion.
13. Do not store or use near flammable or combustible liquids such as gasoline, toxic, carcinogenic, combustible or hazardous materials such as asbestos, arsenic, barium, beryllium, lead, pesticides or other health endangering materials.
14. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
15. Operation of this unit can result in foreign objects being blown into eyes, which can result in eye damage. Always wear safety goggles when operating Air Circulator.
16. **STAY ALERT,** Watch what you are doing and use common sense.
17. Use only on GFCI Protected Receptacles.
18. Do not use an extension cord with this Air Circulator.
19. Lift unit by top carry handle.

READ AND SAVE THESE INSTRUCTIONS



⚠ WARNING — DO NOT LEAVE AIR CIRCULATOR UNATTENDED WHEN IT IS PLUGGED IN AND/OR OPERATING. UNPLUG UNIT WHEN NOT IN USE.

GROUNDING INSTRUCTIONS

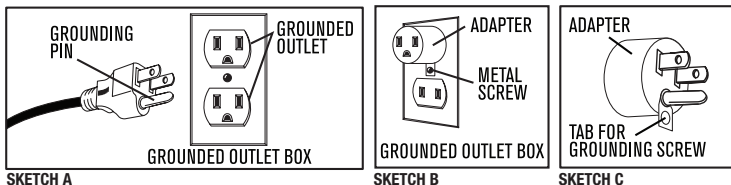
This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ WARNING — 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.

This appliance is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug illustrated in **sketch A**. A temporary adaptor that looks like the adaptor illustrated in **sketches B and C** may be used to connect this plug to a 2-pole receptacle as shown in **sketch B** if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (**sketch A**) can be installed by a qualified electrician. The green colored rigid ear, lug or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

IN CANADA, THE USE OF A TEMPORARY ADAPTOR IS NOT PERMITTED BY THE CANADIAN ELECTRICAL CODE. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance.

GROUNDING METHODS



UNPACKING

Unpack air circulator from carton. Lift unit using the top carry handle.

ASSEMBLY

NOTE: This unit is for use with the included wall mounting bracket or mobile floor mounting bracket (not included, sold separately).

MOUNTING INSTRUCTIONS

You will find one mounting bracket, three hex head screws, one pivot tube, two bolts, two washers and two lock nuts. Assemble as follows:

1. Select a mounting location at a wall stud or a surface that is strong enough to hold the weight of the unit. Make sure the unit has enough clearance on each side to allow for proper airflow.

⚠ WARNING — INADEQUATE MOUNTING COULD ALLOW THE UNIT TO FALL, CAUSING INJURY AND/OR DAMAGE TO THE UNIT.

2. To make it easier to secure the mounting bracket, it is recommended to drill pilot holes in the mounting surface. To do this, place the bracket against the wall or ceiling in the selected mounting location. Make sure bracket is level. Use a pencil to mark the location of the holes (located in the bracket) onto the wall or ceiling. Remove the bracket and use a 3/16" drill bit to drill holes where the pencil marks are on the wall or ceiling.
3. Secure the bracket to the mounting surface with the three screws provided or other suitable fastener. **NOTE:** The screws provided are adequate **ONLY** for mounting into wood. Be sure to use the proper, suitable fasteners for mounting air circulator to a surface other than wood. Make sure bracket is level.
4. Slide the pivot tube onto the end of the bracket. Line up the slot on the pivot tube with the hole in the bracket.
5. Place the washers onto the bolts. Insert one of the bolts, with the washer, through the slot on the pivot tube and then into the hole in the wall bracket. Place lock nut on end of bolt and hand tighten only.



ASSEMBLY (CONT'D)

6. Install air circulator onto bracket making sure to point the side closest to the switch in the direction you want the air to flow. To install, place handle on air circulator in U-shaped slot on end of the pivot tube.
7. Line up hole in the pivot tube with the hole in the handle. **NOTE:** There are two sets of holes in the handle. Use the vertical set if the bracket is mounted to the wall and the horizontal set if the bracket is mounted to the ceiling. Insert remaining bolt, with washer, through the holes. Place lock nut on end of bolt and hand tighten only.
8. The angle of the unit may be adjusted by turning the unit and/or the pivot tube. If it won't turn, loosen the bolts. Once the unit is in the correct position, tighten both of the bolts and lock nuts using two 9/16" wrenches or sockets. **NOTE:** You will feel some resistance from the lock nut. This is normal. Continue to tighten until the nut touches the pivot tube.



SET UP AND OPERATION

⚠ WARNING — TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS AIR CIRCULATOR WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

1. Plug the unit into the wall.
2. Turn unit on and select air speed by turning switch, located on the top of the unit.
3. When you no longer need the unit, turn the unit off and follow the instructions for storage in this manual.

OPTIONAL FILTERS AND ACCESSORIES

There are filters and accessories available for the air circulator that may be purchased at your local dealer or Shop-Vac® website. **These items do not come standard with your unit.**

FILTERS

The available filters install on the intake end of the air circulator to prevent dust from being drawn into the unit and exhausted into the air. To use the filters, you will need to purchase the filter kit containing the mounting ring. **NOTE:** Filters are not required in areas where the dust content is low.

⚠ WARNING — KEEP FILTERS CLEAN. EFFICIENCY OF THE UNIT IS LARGELY DEPENDENT ON THE FILTER. A CLOGGED FILTER CAN CAUSE OVERHEATING AND POSSIBLY DAMAGE THE UNIT. CHECK THE FILTER PERIODICALLY AND REPLACE AS REQUIRED.

ACCESSORIES

The mobile floor mounting bracket allows you to move the unit around for use in different spaces. The loading dock air circulating kit forces cool air into a trailer and warm air out.

CLEANING

⚠ WARNING — TO REDUCE THE RISK OF INJURY FROM THE AIR CIRCULATOR ACCIDENTALLY STARTING, UNPLUG POWER CORD BEFORE CLEANING.

The outside of the unit may be cleaned with a damp cloth to remove any dust or residue.

USER SERVICING INSTRUCTIONS

⚠ WARNING — BE SURE TO DISCONNECT POWER SUPPLY BEFORE ATTEMPTING TO SERVICE OR REMOVE ANY COMPONENTS.

Do not attempt to service your air circulator beyond that described in the user manual. For all other servicing, follow instructions under Warranty Section.

LUBRICATION

No lubrication is necessary as the motor is equipped with lifetime lubricated bearings.

STORAGE

1. Before storing the unit, it should be cleaned. For cleaning instructions, refer to the cleaning section in this manual.
2. If desired, the unit may be removed from the wall bracket by removing the bolt. The power cord can be wrapped around the handle on the top of the unit to keep it untangled. **THE AIR CIRCULATOR SHOULD BE STORED INDOORS.**

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	SOLUTION
Loss of airflow or unit runs hot	1. Clogged filter	1. Clean or replace filter
Will not start	1. Power cord not plugged into outlet 2. No power at the outlet 3. Defective switch or motor	1. Plug cord into outlet 2. Plug cord into another outlet 3. Contact Shop-Vac® customer service