

## USER MANUAL

Commercial/Industrial Use  
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!**

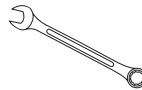
# TABLE OF CONTENTS

SECTION	PAGES
Important Safety Instructions .....	3
Grounding Instructions.....	3-4
Unpacking .....	4
Assembly.....	4
Set Up and Operation.....	5
Optional Filters and Accessories.....	5
Cleaning .....	5
User Servicing Instructions .....	5
Lubrication .....	6
Storage.....	6
Troubleshooting .....	6

## TOOLS NEEDED



- Safety glasses



- For model SAIR-25:  
 $\frac{5}{8}$ " and  $\frac{7}{16}$ " wrench or socket.  
For models SAIR-33 and SAIR-50:  
 $\frac{3}{4}$ " and  $\frac{9}{16}$ " wrench or socket.

# IMPORTANT SAFETY INSTRUCTIONS

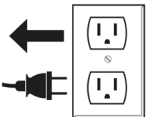
When using an electrical appliance, basic precautions should always be followed, including the following:

**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.
20. Do not use the telescopic handle and wheels to go up or down stairs.

## 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.**



# 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. For easy mobility, the air circulator comes with a telescopic handle and wheels. To extend the handle, simply push in the metal button and pull outward on the end of the handle until it clicks into place.
2. To use the unit, place it in the area most suitable for your application. Several factors need to be considered; the unit must have enough clearance on each side of unit to allow for proper airflow. The unit should not be placed where it can become a tripping or safety hazard.
3. Plug the unit into the wall.
4. Turn unit on and select air speed by turning switch, located on the top of the unit.
5. 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 multi-directional airflow adaptor allows you to direct the flow of the air in several different directions. There is also a flexible air duct adaptor that allows you to send the air into a concentrated space. The loading dock air circulating kit forces cool air into a trailer and warm air out.

**NOTE:** This unit cannot be used with the wall mounting bracket or mobile floor mounting bracket.

## 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 the telescopic handle is extended, push in on the metal button and push the end of the handle towards the unit until it clicks into place.
3. Wrap the power cord 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