

# Sanitaire®

## Commercial Floor Machines 6000 Series

Part No. SC6000D Rev 1 (8/13)



## Owner's Guide

### **IMPORTANT**

Do not return this product to the store.  
Call 1-800-800-8975\*

Monday - Friday 8:00 AM to 7:30 PM  
and Saturday 10 AM to 6:30 PM

Central time or visit our web site,  
[www.sanitairevac.com](http://www.sanitairevac.com) for any of the  
following:

- assembly problems
- replacement of broken or missing items
- to review repair parts list
- to order replacement parts and accessories
- to locate the nearest sanitaire warranty station

\*En Mexico llame al 5670-6169

[www.sanitairevac.com](http://www.sanitairevac.com)

### **PLEASE RETAIN**

We suggest you record the model, type, and serial numbers below. They are located on the silver rating plate on your unit. For prompt and complete service information, always refer to these numbers when inquiring about service.

Model & Type \_\_\_\_\_

Serial No. \_\_\_\_\_

It is also important to keep your receipt as proof of date of purchase.

# WARRANTY

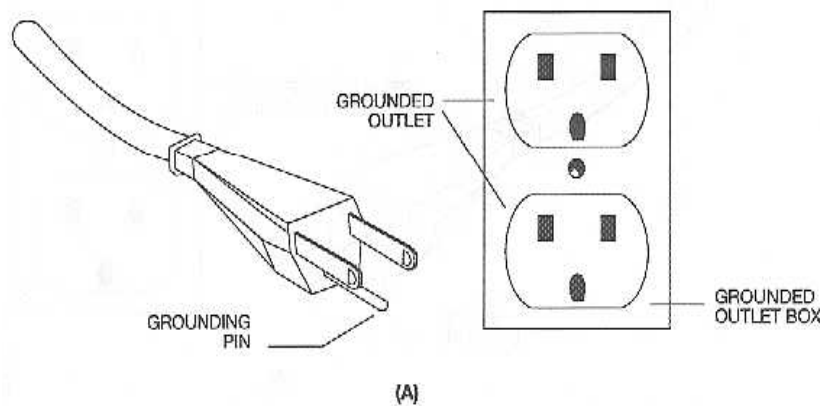
Your new Sanitaire unit is a high quality, precision-made product. All parts used in the manufacturing of this unit have passed rigid quality control standards prior to assembly. The motor is warranted for 1 year from the date of purchase as shown on your receipt / invoice. All other parts are warranted for 90 days from the date of purchase. Failures due to misuse, neglect, abuse or normal wear and tear are not covered by this warranty. Sanitaire shall not be responsible for any incidental or consequential damages. Please safeguard the original receipt / invoice. If you experience any problems with your unit during the warranty period, the original receipt / invoice will act as proof of purchase. Contact Sanitaire for any warranty inquiries. Do not return a failed unit to the place of purchase or service center. Any charges for the shipping of a Sanitaire unit under warranty are purchaser's responsibility unless Sanitaire requests such return in writing. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. There are no warranties, express or implied, written or verbal, which extend beyond the description found in this manual.

# 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 grounding attachment plug that looks like the plug illustrated in sketch (A). 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.



# SAFETY INSTRUCTIONS & WARNINGS

## IMPORTANT SAFETY INSTRUCTIONS

READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USING THIS UNIT

Read and understand this owner's manual and all labels on the unit before operating. Safety is a combination of common sense, staying alert and knowing how your unit works. Use this unit only as described in this manual. To reduce the risk of personal injury or damage to your unit use only Sanitaire recommended accessories

### For Commercial use,

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

### **WARNING:** TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY:

- Do not run the unit unattended
- Do not use this unit near flammable liquids, gases, or explosive vapors like gasoline or other fuels, lighter fluids, cleaners, oil-based paints, natural gas, hydrogen, or explosive dusts like coal dust, magnesium dust, grain dust, or gun powder. Sparks inside the motor can ignite flammable vapors or dust.
- Keep the cord away from heated surfaces.
- Do not expose to rain. Store indoors.
- Do not unplug by pulling on cord. To unplug, grasp the plug.
- Do not use with damaged cord, plug, or other parts.
- If the unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by the cord, use the cord as a handle, close a door on a cord, or pull cord around sharp edges or corners.
- Do not run the unit over the cord.
- Do not handle the plug or the unit with wet hands.
- Do not store near hazardous materials.
- Do not allow it be used as a toy. Close attention is necessary when used by or near children.
- To reduce the risk of injury from accidental starting, unplug power cord before cleaning, making adjustments or repairs..
- Do not leave the unit unattended when plugged in. Unplug from wall outlet when not in use and before servicing.
- Turn off the unit before unplugging.
- Do not put any object into ventilation openings. Do not operate with any ventilation openings blocked; keep free of dust, lint, hair or anything that may reduce air flow.
- Keep hair, loose clothing, fingers and all parts of the body way from openings and moving parts.
- To reduce the risk of falls, use extra care when using the unit on stairs..

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

# HOW TO ASSEMBLE AND REMOVE FLOOR MACHINE FROM BOX

The floor machine comes with a two piece handle in the box. This handle will need to be assembled before removing the floor machine from the box.

1. Open the box and remove the cardboard inserts.



2. Lift the upper handle and place it over the lower handle. Slide the upper handle down until all the holes are aligned.



3. Slide the washer onto the bolt. Insert the bolt with the washer into the aligned holes. If needed, use a screwdriver to line up the holes to help guide the bolt through the handle.



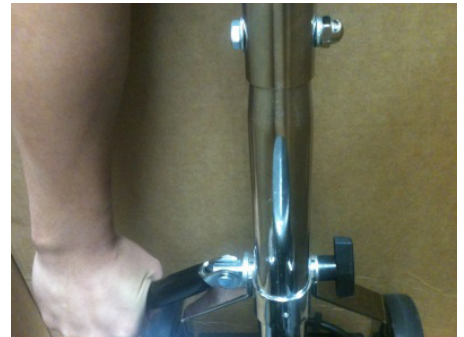
4. Once the bolt and washers are through the holes, place the lock washer at the end of the bolt.



5. Then, attach a nut on the end of the bolt and fasten tightly.



6. After the handle is completely assembled, secure the cam lever by pushing it down to lock the handle in place.



7. Tip the box to the side where the wheels are on the floor. Roll the machine out of the box.



8. With the machine in the upright position, remove the cord wrap hook and (2) Phillips head screws from the bag. With the hook pointing towards the ground, position the cord wrap over the 2 holes on the back of the handle. Insert the two screws into the holes and tighten with a screwdriver.



9. When storing the machine, wrap the power cord around the operator handle grips and the cord hook.



## BRUSH AND PAD DRIVER INSTALLATION



Fig. 4



Fig. 5

**CAUTION:** Disconnect the power cord from the electrical outlet before installing a brush or pad driver.

To install a brush or pad driver, leave the handle in the upright position and tip the machine backwards so it rests on its wheels and upper handle section (Fig. 4). The brush and pad driver both attach in the same manner: align the cutouts on the inner ring of the brush or pad driver with the tabs on the inside of the ring of the drive hub (Fig. 5). Push the brush or pad driver firmly in position, then turn it counterclockwise until it locks into place. To remove, turn the brush or pad driver clockwise until it stops, then lift it off. Note: Always remove the brush or pad driver when the machine is not in use.

**CAUTION:** This is the only proper way to install a drive block, brush or attachment. NEVER put a drive block, brush or attachment on the machine by placing it on the floor and moving the running machine over it, or by placing the machine over the block or attachment and then starting the motor. Return the floor machine to upright position and adjust handle to operating position. Recommended handle position is close to the waist with arms extended down. Lock the cam release lever into position.

**NOTE:** The hardened steel cam release lever does not require extreme tightening to effectively hold the handle in position. Over-tightening will shorten the functional life of the lever.

# EXTENSION CORDS

When using an extension cord with your unit, refer to the following table to determine the required A.W.G. wire size. Before using the machine make sure the power cord and extension cord are in good working condition. Make repairs or replacements before using the machine. Only use extension cords that are rated for outdoor use.

Length of Extension Cord				
	25 Feet	50 Feet	100 Feet	150 Feet
110V-120V	7.5 Meter	15.25 Meter	30.5 Meter	45.7 Meter
Amps	A.W.G. Wire Size			
0-6	18	16	16	14
7-10	18	16	14	12
11-12	16	16	14	12
13-16	14	12	Not recommended	

# GENERAL INSTRUCTIONS

## FLOOR MACHINE APPLICATIONS

- Spray buffing with red spray buff pad and spray buff chemical.
- Dry buffing a buffable finish with a tan, beige or white pad or brush.
- Scrubbing with green or blue pad or scrubbing brush.
- Stripping with a black pad and a stripping chemical.

## 1.5 HP MODELS ON CARPET

- Bonnet cleaning with a yarn bonnet and carpet maintainer chemical.
- Shampooing using a shower feed shampoo brush and solution tank mounted to the handle tube containing carpet shampoo.

## 1.5 HP MODELS

- Scraping with an attachment tool to remove heavy industrial deposits and residue or to prepare a foundation for installation of carpet.
- Wire brushing of concrete floors.
- Sanding with very aggressive sandpaper or sand screen discs.
- Carpet restoration where shampooing & pile lifting require very stiff brush bristles.

# PAD CENTERING LOCK

To install a pad, tip the machine backwards so it rests on the rear wheels and handle. After centering the pad on the pad holder, insert the Pad Centering Lock and twist it clockwise until it securely locks in place. To remove twist the lock counterclockwise.

# HOW TO OPERATE THE MACHINE

First install the pad driver and pad, brush or other attachments to be used. Plug the machine in as directed and lower the handle to the desired operating height and lock in place using the cam lever handle. (Does not apply to the SC6045D Burnisher) Push the safety switch forward and squeeze the switch triggers beneath the handle grips. This activates the motor and starts the block, brush or attachment in operation. Each time you release the triggers the safety switch will reset. You will need to follow the direction above to restart the machine. CAUTION: When leaving the machine unattended, disconnect the wall plug and return the handle to the “locked” upright position to prevent accidental starting.

## TO GUIDE YOUR FLOOR MACHINE

To move to the Right: raise handle slightly. The higher the handle is lifted, the faster the machine will move to the right. To move to the Left: to change direction, lower the handle until the machine travels to the left. The more the handle is lowered, the faster the movement to the left. If you are not experienced in the operation of this floor machine, practice in an open area away from any people, furniture or other obstacles.

## DRIVE BELT ADJUSTMENT SC6045D ONLY

### Drive Belt Adjustment

See picture Fig 7

1. Remove three (3) Phillips head screws holding the pad center grip.
2. Remove four (4) large, slot head screws holding drive pad.
3. Loosen pulley mount bolts with 9/16” deep socket wrench.  
Do not remove the bolts.
4. Using a 1/2 box wrench, turn adjustment nut until it touches the adjustment bolt head. Turn the adjustment bolt to tighten or loosen the belt tension.
5. Correct belt tension allows belt no more than 1/4” of side movement.
6. Tighten the four (4) pulley mount bolts with the 9/16” socket wrench.
7. Loosen the adjusting bolt until it is snug against adjustment stop molded in housing and turn adjustment nut against pulley mount bracket.
8. Replace pad driver and pad center grip.

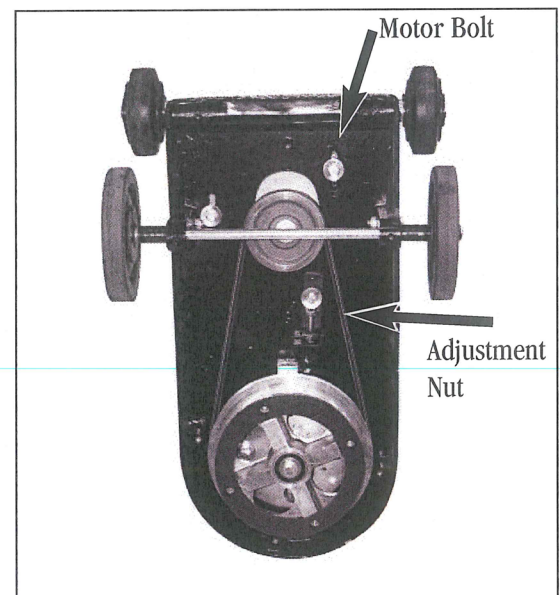


Fig 7

# TRANSPORTING THE MACHINE

Place the handle in the upright position. Lock the handle cam release lever. Tip the machine back and transport on the wheels.

# MAINTENANCE GUIDE

Once a month remove the motor cover and vacuum out any dust or debris which has accumulated on the motor. Replace the motor cover by setting it over the holes in the housing and replace all of the screws. Check and maintain the tightness of all the fasteners.

**WARNING:** Do not over-tighten the switch housing screws.

Keep the machine clean especially at the handle tube and collar so the handle tube will move freely through the collar. Inspect the cord for cuts, gashes, or loose prongs; replace as needed.

Disassembly of this motor voids the warranty. Improper disassembly and assembly of this motor can permanently damage the field or rotor.



# TROUBLESHOOTING

## MACHINE DOES NOT RUN

### CAUSE:

- 1) The circuit breaker has tripped.
- 2) Plug is broken or has loose contact.

### SOLUTION:

- 1) The circuit breaker has tripped. Allow the circuit breaker 2 minutes to cool before resetting.
- 2) Replace.

## PREVENT CIRCUIT OVERLOAD

Check the pad and change it if it is rough or dirty.

Spray buffing or spray cleaning is not a substitute for scrubbing or mopping a floor.

Prepare the floor surface before spray buffing.

Eliminate any extension cord that is smaller than 12/3 wire or greater than 25 feet in length.

Unplug anything other than the machine from the circuit or locate another circuit.

## MACHINE WILL NOT START

### CAUSE:

- 1) Circuit breaker is not reset.
- 2) Plug is broken or has a loose contact
- 3) Circuit breaker is defective or weak
- 4) Switch is defective.
- 5) Rectifier is defective.

### SOLUTION:

- 1) Reset breaker.
- 2) Replace
- 3) Replace
- 4) Replace switch
- 5) Replace rectifier

## MACHINE WILL NOT REACH OPERATING SPEED

Unplug anything else other than the machine from the circuit or locate another circuit.

## MOTOR RUNS BUT PAD OR BRUSH DOES NOT TURN

### CAUSE:

- 1) Coupling is broken
- Note: Coupling is not covered under warranty.

### SOLUTION:

- 1) Replace
- Note: Do not attempt to place a running machine over a block or brush. Always install and remove the block or brush by hand.

# ONE LAST REMINDER

## **Read All Instructions, Warnings and Cautions Before Using Equipment.**

These guidelines are presented for your protection and convenience. Please read them carefully, since a failure to heed these precautions could result in discomfort or injury. When using an electrical appliance, basic safety precautions should always be followed.