

# Sanitaire®

## 10 GALLON Box Extractor SC6085 Series

Part No. SC6085 Rev 2 (3/14)



## 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.



[www.southeasternequipment.net](http://www.southeasternequipment.net)

1-800-440-6723

# WARRANTY

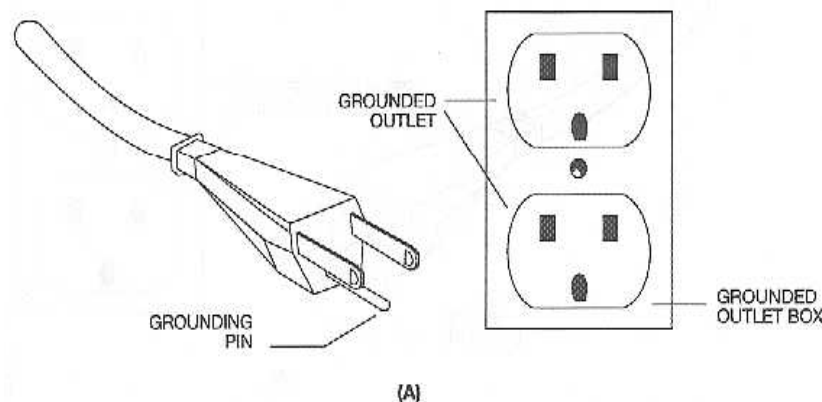
Your new Sanitaire unit is a high quality, precision-made product. All parts used in the manufacturing of this unit have passed rigid quality control standards prior to assembly. The motor is warranted for 1 year from the date of purchase as shown on your receipt / invoice. All other parts are warranted 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. Use only manufacturer's recommended attachments. To reduce the risk of personal injury or damage to your unit use only Sanitaire recommended accessories

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
- WARNING - To reduce the risk of Electrical Shock - Use indoors only.
- WARNING - To Reduce the Risk of Fire - Do not use a flammable or combustible liquid to clean a floor.
- 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 in an area above 32°F where the machine will not freeze.
- Do not unplug by pulling on cord. To unplug, grasp the plug not the cord.
- 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.
- To reduce the risk of health hazards from vapors or dusts, do not vacuum toxic materials.
- Do not store near hazardous materials.
- Do not use the unit with a damaged filters or without the filter installed.
- 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 all controls 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.
- Do not pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up hot ashes, coals, toxic, flammable or other hazardous materials.
- If the machine tips over during use, shut it off immediately and set it upright and wait for the motor to stop completely.
- Do not use the unit without the ball float and cage in place.

**SAVE THIS MANUAL** FOR FUTURE REFERENCE

# 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 cleaner make sure the power cord and extension cord are in good working condition. Make repairs or replacements before using the unit. 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

## Shipping and Damage

This equipment is thoroughly inspected, tested, and packaged to provide equipment in good operating condition. It is beyond our control after the equipment is turned over to a freight carrier. The freight carrier received and signed for the equipment in good condition. Consequently, it is important to protect your interest by carefully complying with the following instructions:

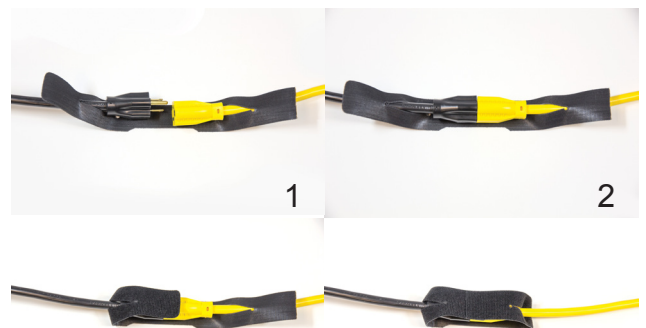
Please inspect your cartons for any damage (including concealed damage) that might have occurred during shipment. Any damage is the responsibility of the freight carrier and should be reported to the freight carrier immediately. It is your responsibility to issue a claim and to receive compensation from the freight carrier for any damage done in transit. Damage of this sort is not covered under warranty.

## Follow these step-by-step instructions to ensure proper operating performance.

1. Fill up the fresh water solution tank with tap water that is 120-135° F (49-57° C) and approved carpet cleaning chemical, if you are not pre-spraying your chemical on the carpet. (Fig 1)
2. Add de-foamer solution to the recovery tank per the de-foamer manufacturer's instructions.
3. Plug the extension cord into the pigtail cord located on the backside of the unit and secure the plug with the provided plug holder. (Fig 2)



Fig 1



3

4

Fig 2



4. Assemble the wand by sliding the top portion into the lower portion. (Fig 3)

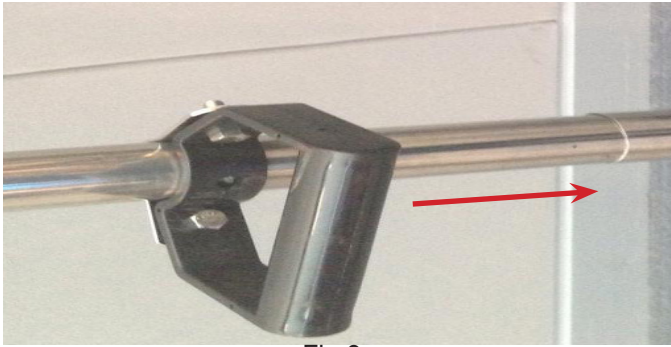


Fig 3

5. Attach the hose system to the unit and to your carpet wand. (Fig 4)



Fig 4

6. Turn on the pump. (Fig 5)



Fig 5

7. Turn vacuum switch to the "on" position to begin cleaning. (Fig 6)



Fig 6

8. Empty the recovery tank by using the drain hose on the front of the machine. Do not use the same pail to fill the solution tank as this can result in putting dirt and grit into the solution line that can plug filters, orifices, and degrade system (do not reuse solution). (Fig 7)



Fig 7

9. To empty solution tank, detach the vacuum hose from the end of the wand and insert it into the solution tank. Turn the vacuum switch to "on" position and transfer solution to recovery tank. (Fig 8)



Fig 8



# MAINTENANCE GUIDE

To receive reliable service from this equipment, regular daily maintenance is required.

1. Keep the equipment clean, both inside and out.
2. Lubricate brass quick disconnects with a quality lubricant. (Fig 9)



Fig 9

3. Flush solution systems after use with clear, clean water. (A white vinegar solution of 1 part vinegar to 8 parts water may also be used). This will counter-act hard water and alkaline deposits and aid in keeping orifices clean.

4. Do not allow fluid, either in solution or waste tank, to sit overnight. The unit should be emptied and cleaned daily.

5. Clean the strainer in the solution tank, the filters on the vacuum stack in vacuum tank, and all lint filters in the inlet or vacuum tanks daily. (Fig 10)



Fig 10

6. When the unit is not in use, leave the vacuum tank lid open. (Fig 11)



Fig 11

7. At the end of each day, run the vacuum for 3 minutes with lid open and filter off. (Figs 11 & 12)



Fig 12

**CAUTION** - Do not operate without the filter and ball float valve in place.

# STORAGE OF EQUIPMENT

1. Store extractor indoors in dry area.
2. Recovery and solution tank should be empty and clean when the extractor is not in use.
3. Leave the recovery lid and dump valve open to air out the recovery tank.
4. Do not store in freezing temperature.
5. A small amount of windshield washer fluid may be left in the pump and internal solution line for protection against freezing.

## WARNINGS

1. Do not use citrus-based (D-Limonene) cleaners in this machine.
2. The use of any chemicals with abrasive additives voids the warranty.
3. Do not use water in excess of 140° F (62° C) through the pump system.
4. Failure to comply with the above warnings instructions will void the warranty.

## TROUBLESHOOTING

### NO ELECTRICAL POWER

#### CAUSE:

- 1) Defective power cord
- 2) Circuit breaker off or blown fuse

#### SOLUTION:

- 1) Replace.
- 2) Turn circuit breaker on or replace fuse  
Unplug any equipment using the same circuit.

### INTERMITTENT POWER TO MOTORS

#### CAUSE:

- 1) Faulty electrical cable.
- 2) Defective switches.
- 3) Loose or dirty terminals

#### SOLUTION:

- 1) Replace
- 2) Replace
- 3) Replace or clean

### LITTLE OR NO VACUUM AT WAND

#### CAUSE:

- 1) Defective vacuum hose
- 2) Kinks in Vacuum hose
- 3) Vacuum hose disconnected

#### SOLUTION:

- 1) Replace
- 2) Straighten hose
- 3) Check external and internal hose connections

## LOW VACUUM AT THE MACHINE

### CAUSE:

- 1) Drain hose open
- 2) Lint screen clogged
- 3) Damaged recovery tank
- 4) Clogged vacuum motor exhaust port

### SOLUTION:

- 1) Close drain hose
- 2) Clean
- 3) Replace
- 4) Clean

## MOTOR RUNNING AND NO VACUUM

### CAUSE:

- 1) Faulty vacuum motor
- 2) Float activated

### SOLUTION:

- 1) Replace
- 2) Empty tank or clean float cage

## PREMATURE FLOAT ACTIVATION OR FAILURE OF FLOAT TO RELEASE

### CAUSE:

- 1) Dirty or clogged float cage.
- 2) Float coated with detergent or other debris
- 3) Float cage slightly out of round

### SOLUTION:

- 1) Remove and clean float cage.
- 2) Clean and rinse float
- 3) Carefully bend float cage by squeezing by hand

## FOAM/DIRTY SOLUTION COMING OUT OF VACUUM EXHAUST PORT

### CAUSE:

- 1) Foam from carpet bypassing float.

### SOLUTION:

- 1) Add additional defoamer.

## NO SPRAY FROM JETS

### CAUSE:

- 1) Clogged or faulty solution control valve
- 2) Clogged or faulty quick disconnect

### SOLUTION:

- 1) Check valve for debris
- 2) Depress plunger on solution hose quick disconnect on against inside wall of solution tank housing. If solution is flowing at this point, the system is O.K. If no solution flows, check the quick disconnect for lint and other foreign matter.
- 3) Replace with diaphragm repair kit.
- 4) Clean jets on wand or tool

## UNEVEN SPRAY FROM JETS

### CAUSE:

- 1) Clogged strainer in solution tank.
- 2) Clogged jets.

### SOLUTION:

- 1) Remove debris.
- 2) Remove and clean

## LEAKING OR STUCK SOLUTION VALVE

### CAUSE:

- 1) Foreign material in valve.
- 2) Loose brass hex nut.
- 3) Worn valve or seals.

### SOLUTION:

- 1) Clean and replace.
- 2) Reseal hex and plug.
- 3) Replace worn parts.

## PUMP MOTOR NOT WORKING

### CAUSE:

- 1) Loose wiring.
- 2) Defective pump pressure switch.
- 3) Motor burned out.

### SOLUTION:

- 1) Tighten wiring.
- 2) Replace switch.
- 3) Replace.



## LOW PUMP PRESSURE

### CAUSE:

- 1) Clogged strained in solution tank
- 2) Punctured pump diaphragm
- 3) Defective rectifier or motor

### SOLUTION:

- 1) Clean and replace.
- 2) Replace.
- 3) Replace.

## PUMP PRESSURE VARIES

### CAUSE:

- 1) Defective pump.

### SOLUTION:

- 1) Replace pressure control switch.



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