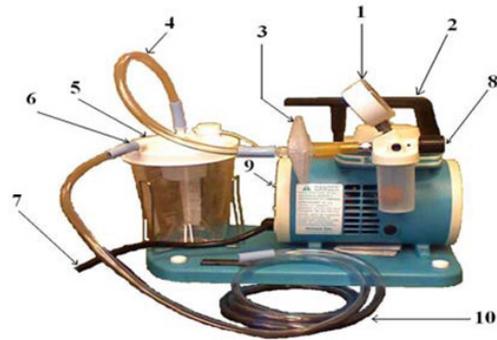
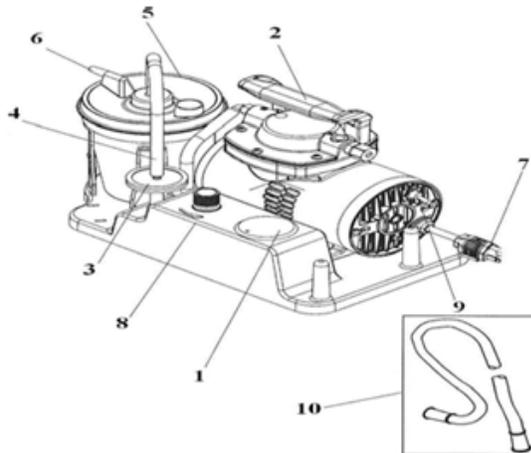


# Instructions for an Electric Suction



- |  |                        |
|--|------------------------|
| 1. Vacuum Gauge                        | 6. Patient Vacuum Port |
| 2. Handle                              | 7. Power Cord          |
| 3. Bacteria Filter                     | 8. Regulator Knob      |
| 4. Short Tubing                        | 9. On/Off Switch       |
| 5. Collection Jar and Lid (Disposable) | 10. Patient 6' Tubing  |

**WARNING:** Use this device the way it was intended and as instructed by your physician or qualified health care professional only.

## Setup Instructions:

1. Set the device on a level, sturdy surface so the controls can be easily reached and adjusted.
2. Connect a bacteria filter to the air input on the base or air input by the vacuum gauge, depending on model.
3. Short tubing should be connected to the bacteria filter and the other end to the top port on the collection jar lid.
4. Connect one end of the patient tubing to the patient vacuum port on the collection jar lid.

**Note:** The bacteria filter is designed to prevent foreign material from being drawn into the device. It should be changed every two months or if fluid is drawn into it - Whichever comes first.

**Caution:** Do not move this device if collection jar is full.

## Operation Instructions:

1. Be sure that the power switch is in the OFF (down) position. Plug in the device and switch to the ON (up) position.
2. Block the patient tubing leading from the collection jar and allow the vacuum gauge to reach a stable vacuum level.
3. Set the vacuum level by turning the regulator knob to the desired level (about 100mmHg or halfway of the gauge). Adjust the regulation setting by turning clockwise to increase the suction and counterclockwise to decrease the suction.

4. Insert this instrument onto the 6' long tubing as instructed by your qualified health care professional.
5. Once you have finished using suction, make sure to turn it off.

**WARNING:** Use the vacuum setting directed by your physician or qualified health care professional only. Using a higher setting than instructed may lead to a life-threatening situation.

### **Cleaning Instructions:**

1. Make sure the ON/OFF switch is in the OFF position and allow suction level to drop.
2. Unplug the machine from the wall outlet.
3. Remove the patient tubing from the patient vacuum port. Tubing must be rinsed with water after every use. Once a week, soak in a solution of one part vinegar to three parts hot water for 20 minutes. Rinse with hot tap water and air dry.
4. Remove the tubing from the patient vacuum port.
5. Wipe the outside of the case with a clean, damp cloth after each use.

**WARNING:** Never submerge this device in water, hold under a running water or spray with water or other liquids. This will result in damage to the machine and possible risk to the person cleaning it.

### **Inspection before using:**

1. Check the short tubing and the patient 6' tubing for cracks or other damage.
2. Turn the device on and check the base of all tubing and connections for potential air leaks and other signs of wear and tear.
3. Ensure all airways are clear of debris to allow proper airflow.
4. Be sure the jar lid and gasket fit tightly on the jar to avoid any spillage of fluid.

### **Helpful Hints:**

- Rinse tubing after every use. Run hot water through the tubing, then soak in a solution of one part vinegar to three parts hot water for 20 minutes. Rinse with hot water and air dry.
- Use only the vacuum setting directed by your physician or qualified health care professional. A higher setting may lead to a life-threatening situation.
- Change the bacteria filter every two months or if fluid is drawn into it. Maintaining the filter prevents foreign materials from entering the device.
- Change the short and long tubing every 6 months.
- Do not move the device if the collection jar is full.

## Trouble Shooting

Symptom	Possible Causes	Remedies
Reduced/Low Vacuum	<ol style="list-style-type: none"> <li>1. Clogged bacteria filter</li> <li>2. Regulator improperly set</li> <li>3. Air Leak</li> <li>4. Jar lid or gasket not secured to jar properly</li> </ol>	<ul style="list-style-type: none"> <li>• Replace the filter</li> <li>• Set the regulator vacuum levels as indicated in operating instructions</li> <li>• Check the tubing and connections for possible leaks</li> <li>• Be sure the jar lid and gasket fit tightly on the jar</li> <li>• If using a catheter with a “thumb regulator hole”, that it is plugged by the users thumb</li> </ul>
Device does not start	<ol style="list-style-type: none"> <li>1. Power cord not plugged in</li> <li>2. Defective power switch</li> <li>3. vacuum still exists in system</li> </ol>	<ul style="list-style-type: none"> <li>• Plug in the power cord</li> <li>• Contact MDA for service</li> <li>• Disconnect tubing from the collection jar to release the vacuum</li> <li>• Reconnect tubing and turn on device</li> </ul>
Gauge reads incorrectly	Faulty Gauge	Contact MDA for service
Device runs but gauge reads zero	<ol style="list-style-type: none"> <li>1. Regulator knob turned to low</li> <li>2. Tubing not connected properly</li> </ol>	<ul style="list-style-type: none"> <li>• Adjust regulator knob</li> <li>• Check tubing and connections for leaks -- attach, tighten or replace</li> </ul>
Device stops running during use	<ol style="list-style-type: none"> <li>1. Device over-heated</li> <li>2. Low voltage to devise</li> <li>3. Blown fuse or circuit breaker in household</li> </ol>	<ul style="list-style-type: none"> <li>• Unplug device and allow to cool for 10 minutes -- plug in and restart</li> <li>• Too many electrical appliances on the same circuit</li> <li>• Replace fuse or reset breaker</li> </ul>

### Service Center:

A qualified technician must perform all compressor maintenance and repair. Should your compressor malfunction, service may be obtained by calling the Home Care Equipment Branch at 204-945-8611 or 1-877-632-7867, Monday-Friday between 8 am and 4 pm.

### Terms and Conditions:

- a) The equipment is the property of the Province of Manitoba and has been loaned to you based on a prescription signed by or under the authorization of a health care professional. Accordingly, the equipment remains the property of the Province of Manitoba throughout the time it is in your possession.
- b) Any intentional damage or loss of the equipment shall require compensation to the Province of Manitoba in that regard.
- c) You agree that a medical equipment technician from the Province of Manitoba may enter your home periodically to check, repair or adjust the equipment as needed. A Medical Equipment Technician will contact you to arrange the home visit.
- d) You are responsible for returning the equipment in good condition when no longer required or upon request.

## Important Safeguards

This Schuco product is an electrical device. Always follow basic safety precautions when using this device, especially when children are present.

### Electrical

The motor of this compressor has a thermal overload protector. If the motor should overheat, the overload protector will shut off the motor. If this should occur, shut the compressor off and allow the motor to cool (approximately 5 minutes). If the compressor fails to start, check for circuit breakers activated or blown fuses, the compressor may need to cool further before attempting to restart. If the overload protector shuts off the motor frequently, you may have a low voltage situation. Low voltage can also be suspected when:

1. The motor does not get up to full power or speed.
2. Fuses or circuit breakers activate when starting the compressor.
3. Lights dim or remain dim when the compressor is started.
4. Other electrical appliances fail to operate properly. This may mean there are too many motor operated appliances on the same circuit.

**DANGER** - To reduce the risk of electrocution:

1. Always unplug this product immediately after using.
2. Do not use while bathing.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place in or drop into water or other liquid.
5. Do not reach for a product that has fallen into water. Unplug immediately.

**WARNING** - To reduce the risk of burns, electrocution, fire or injury to persons:

1. Never leave this product unattended when plugged in.
2. Use this product only for its intended use as described in the operator manual. Do not use attachments not recommended by the manufacturer.
3. Closely monitor and supervise use by, on or near invalids and children.
4. Never operate this product if:
  - a. It has a damaged power cord or plug
  - b. It is not working properly
  - c. It has been dropped or damaged
  - d. It has been dropped into water
5. Keep the power cord away from heated surfaces.
6. Never use while sleeping or drowsy.
7. Never drop or insert any object into any opening or hose.
8. Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
9. Never block the air openings of the device or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair and the like.

**DANGER** - The Schuco aspirator is a vacuum suction device designed for the collection of nonflammable fluid materials in medical applications only. Improper use during medical applications can cause injury or death.

## GROUNDING INSTRUCTIONS

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly grounded.

**DANGER** - Improper use of the grounding plug can result in electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to a flat blade terminal. The wire with insulation having an outer surface that is green, with or without yellow stripes, is the grounding wire.

## Important Safeguards

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood or if in doubt as to whether the product is properly grounded.

This product is for use on a nominal 120 V circuit and has a grounding plug that looks like the plug illustrated in Figure below. A temporary adapter, which looks like the adapter in (Fig B and C) may be used to connect this plug to a 2-pole receptacle as shown in (Fig B), if a properly grounded outlet is not available. The temporary adapter should be used only until a qualified electrician can install a properly grounded outlet. (Fig A) can be installed by a qualified electrician. The green colored rigid ear, tab, etc. extending from the adapter must be connected to a permanent round such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a screw.

**EXTENSION CORDS** – If necessary to use an extension cord, use only a 3-wire extension cord that has a three-blade grounding plug, and a 3-slot receptacle that will accept the plug on the product. Make certain your extension cord is in good condition. Make certain your extension cord wire size is not less than 18 gauge for 25 feet, 16 gauge for 50 feet, and 14 gauge for 100 feet.

