

# Suction Unit

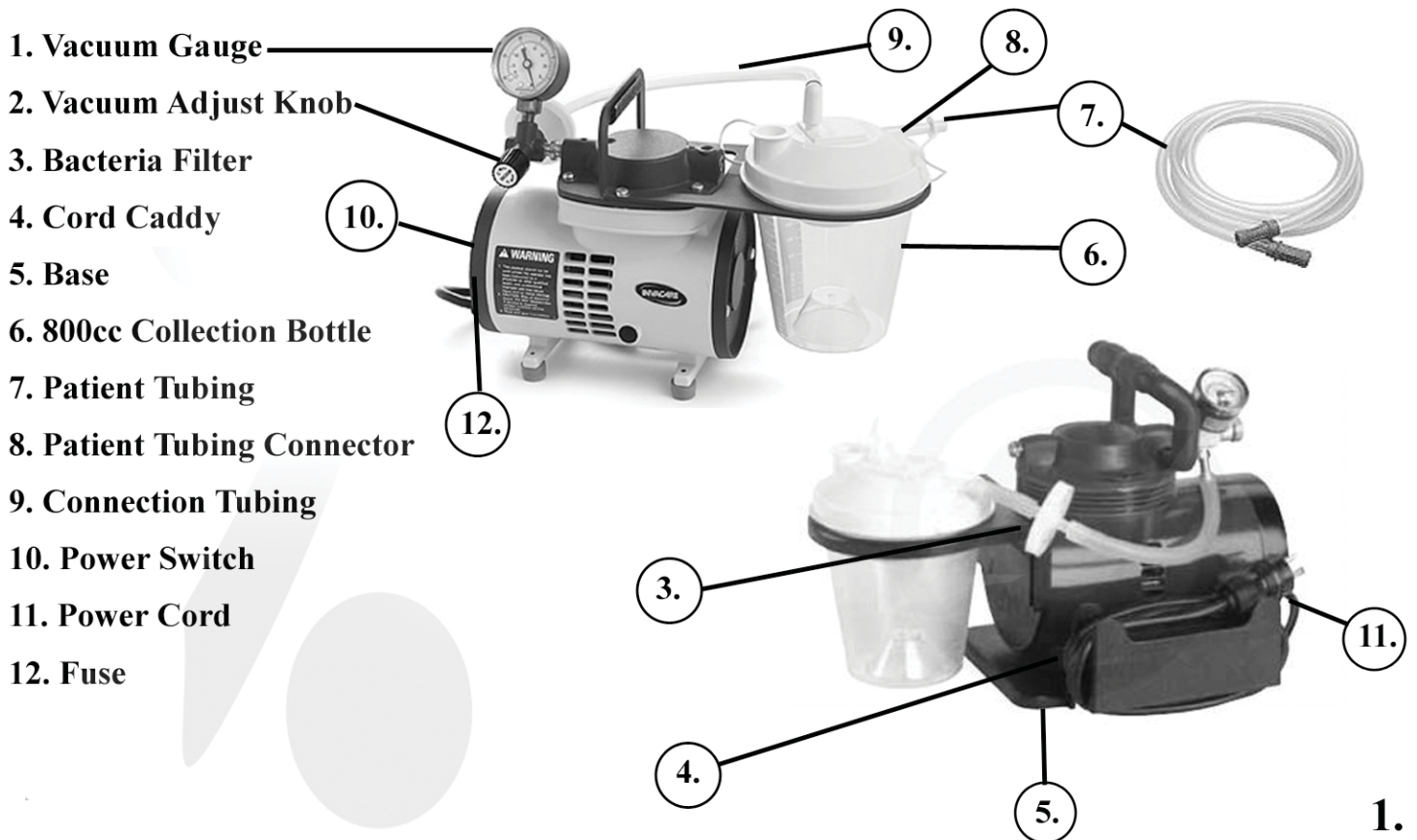
## Getting Started with your Suction Unit

### Set up

1. Connect either end of the connecting tubing (item# 9) to the top of collection bottle connector then connector then connect the other end to the bacteria filter.
2. The patient tubing should be connected to collection bottle at the outlet labeled (patient).  
Please assure that all connections are secure and without leaks before using.

### How to Operate Your Suction Unit

1. Before use, check the specification label on the side of the suction unit to ensure that the voltage and current indicated on the unit correspond with the voltage and current available. Make sure the power switch located on the side of the unit is in the “OFF” position before connecting the unit to a power source.
2. Switch the power switch to “I” position (on), the unit start running.
3. Adjust the vacuum level from 0 to 520 mm Hg by turning the vacuum adjust knob (clockwise) to increase vacuum and counter-clockwise to decrease vacuum). Referring to the vacuum gauge while setting the desired level of vacuum. To accurately read the gauge, block the patient end of the hose or cap off the collection bottle and allow the gauge to reach a stable vacuum reading.
4. Place the patient tubing to the appropriate position of patient and start to suck sputum.
5. When the sputum reaches the safe full level of collection bottle (800cc), the suctioning will stop sucking automatically (float shut-off).
6. Switch the power switch to “O” position (off), shut off the suction motor.
7. Remove the sputum from collection bottle after the motor stops turning completely.
8. Turn on the unit and start to run the suction unit again.



# Cleaning & Maintenance

## Clean Collection Bottle:

1. Turn off the suction unit and allow vacuum to drop, then disconnect AC power source.
2. With the collection bottle still in the holder, remove the collection bottle lid. The bottle can now be taken out of the holder to be emptied (**Collection bottle should be emptied after each use**)
3. Collection bottle should be thoroughly cleaned after each use by one of the following methods:
  - a. Wash in a hot water/dish washing detergent solution and rinse with clean, hot tap water. Then wash in one part vinegar to three parts hot water solution. Rinse with hot tap water and air dry.
  - b. Wash with rubbing alcohol and air dry.
  - c. Wash with a commercial (bacterial germicidal) disinfectant, follow disinfectant manufacturer's recommended instructions and dilution rates carefully.

## Clean Suction Unit and Collection Bottle Lid:

1. Disconnect the suction unit from all external power sources.
2. Wipe the suction unit housing and collection bottle lid with a clean cloth and any commercial (bacterial-germicidal) disinfectant.

## Clean Tubing:

1. Disconnect the tubing from the unit.
2. Tubing should be rinsed thoroughly after every use by running hot tap water through it followed by a solution of one part vinegar to three parts hot water.
3. Rinse with hot water and air dry.
4. Keep the outer surface of the tubing clean by wiping with a clean, damp cloth.

## Maintenance:

Inspect suction tubing and collection bottle for leaks, cracks, etc. before each use. Do not attempt to open or remove suction cabinet. If serviced required, please return to provider. Bacteria filter should be replaced as needed. If overflow occurs, change the filter immediately.

# Troubleshooting

## Problem

**Unit does not turn on**

## Action

1. Check power source and connection
2. Ensure that the wall outlet is live
3. Check power cord is not damage

**Motor runs, no vacuum**

1. Verify tubing connection security
2. Check for leaks or tubing kinks
3. Ensure that float shut-off is not activated
4. Check for bottle leaks and cracks

**Low Vacuum**

1. Use vacuum adjust knob to increase vacuum level
2. Check system for leaks
3. Adjust vacuum adjust knob and release