



Devilbiss Portable Suction

Client:		
Step	Details	Complete (check)
Suction Set Up - Bacteria Filter	Insert bacteria filter with clear side facing AWAY from machine.	
Suction Set Up - Canister	While holding the bacteria filter in place, place the canister/lid onto the machine. Be sure that the lid is on straight and there is a straight line from the canister lid, to the filter, to the machine.	
Suction Set Up - Tubing	Push one end of the tubing onto the canister lid inlet prong.	
Suction Set Up - Suction Device (catheter, yankauer etc.)	Attach the suction device onto the end of the suction tubing, furthest away from the machine.	
Suction Pressure	AARC Guidelines for appropriate subatmospheric pressures: 1. Neonates: 60-80 mm Hg 2. Infants: 80-100 mm Hg 3. Children: 100-120 mm Hg 4. Adults: 100-150 mm Hg	
Suction Pressure - Adjustment	Turn the vaccum regulator knob clockwise to increase and counter-clockwise to decrease. Desired level of vaccum can be viewed on the LED display. When an LED is half brightness, it indicates that the vacuum level is halfway between the previously full lit LED.	
Battery - Life	A new, fully charged battery will provide approximately 45 minutes of continuous operation on at zero vaccum (free flow).	
Battery - Charging	Plug machine into AC or DC power. The green external power light should illuminate, the yellow charge indicator will remain lit while battery is charging. A fully depleted battery will take approximately 5 hours to charge completely.	

Devilbiss Portable Suction

Step	Details	Complete (check)
Battery - Charging (Backup/Emergency)	The charging cord(s) should remain with the suction unit at all times. Ensure the cables are placed in the carry case when leaving home. This will allow you to plug in to either a wall or vehicle jack if you need additional battery.	
Cleaning - Machine	As needed, power "Off", disconnect from power source, wipe outside housing with clean cloth dampened with detergent and/or disinfectant, dry, re-assemble.	
Cleaning - Canister	1/day, empty contents into toilet, wash in warm water and dishwashing detergent, allow to dry, re-assemble. A small amount of mouthwash can be placed in the container after cleaning to help reduce odor.	
Cleaning - Carry Case	As needed, wipe the carry case using a clean cloth dampened with detergent and/or disinfectant.	
Replacement - Filter	Replace the filter every 1-2 months OR immediately after overflow occurs.	
Replacement - Canister	Replace the canister every 1-2 months, depending on use and cleaning schedule.	

Devilbiss Portable Suction

	Problem	Action	
Troubleshooting - Basic	Unit does not power on. (Green external power indicator should be illuminated when power is applied.)	<ol style="list-style-type: none"> 1. Check power sources and connections. 2. Ensure wall outlet is live by plugging in a lamp. 3. Check that battery is fully charged. 	
	Pump runs, but no vacuum.	<ol style="list-style-type: none"> 1. Check that all tubing is connected properly. 2. Check tubing connections for breaks, leaks, or occlusions. 3. Ensure that float shut-off is not activated due to full container. 4. Check for leaks or cracks in container assembly. 	
	Low vacuum.	<ol style="list-style-type: none"> 1. Use vacuum adjustment knob to increase vacuum level. 2. Check system for leaks. 	
	Battery will not hold a charge.	<ol style="list-style-type: none"> 1. Confirm battery is connected (refer to Set-Up). 2. Verify that charge light turns on. 3. Check electrical connections during charging. 4. Ensure wall outlet is live by plugging in a lamp. If problem continues, contact your equipment provider.	
Troubleshooting - Other common Issues	<p>Diagnose by removing all parts and starting with filter, re-assemble testing for vacuum at each step.</p> <ol style="list-style-type: none"> 1. Low Vacuum, check to make sure that the bacteria filter has not become wet, (overflow, machine tipped over etc.) 2. Low vacuum, check for the float valve (ball) is stuck up after cleaning. 3. Low Vacuum, check that the canister lid is on straight and the filter is straight into the machine. 4. Low Vacuum, check to make sure that the bacteria filter is pressed firmly into the machine. 5. Low Vacuum, check for blockage in suction device or tubing. 		