



POLIVAC HOT-SPOT COMPACT CARPET SPOTTER



Operations Manual & Trouble-Shooting Guide



Thank you for purchasing **Polivac Professional Cleaning Equipment**. Please be sure to read the manual before operation.

IMPORTANT SAFETY INSTRUCTIONS

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

READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE)

WARNING - To reduce the risk of fire, explosion, electric shock, or injury:

1. Do not use appliance with flammable or combustible liquids/fumes such as gasoline or use in areas where they may be present.
2. Do not handle plug or appliance with wet hands, electric shock or personal injury may occur.
3. Do not use with damaged cord or plug, electric shock or personal injury may occur. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
4. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
5. Use only commercially available floor cleaners and waxes intended for machine application.
6. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
7. Use only as described in this manual. Use only manufacturer's recommended attachments.
8. Do not pull or carry by cord, use cord as a handle, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
9. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord. Always coil away from the machine.
10. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
11. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
12. Turn off all controls before unplugging.
13. All repairs must be carried out by qualified service personnel.

SAFETY PRECAUTIONS

This machine is intended for commercial use. It is designed exclusively for carpet extraction in an indoor environment and is not intended for any other purposes. Use only recommended hoses and commercially available solutions intended for machine application. All operators must read, understand and practice the following safety precautions.

Do not operate machine:

1. In an area where flammable liquids/vapors or combustible dusts are present.
2. Unless trained and authorized.
3. Unless operator manual is read and understood.
4. If not in proper operating condition.
5. Unless mentally and physically capable of following machine instructions.

Before starting machine:

1. Make sure all safety devices are in place and operate properly
2. Follow safety guidelines concerning wet floors.

When using machine:

1. Do not operate on inclines.
2. Wear non-slip shoes.
3. Reduce speed when turning.
4. Report machine damage or faulty operation immediately.
5. Do not allow children to play on or around machine.
6. Follow mixing and handling instructions on chemical containers.

Before leaving or servicing machine:

1. Stop on level surface.
2. Turn off machine.
3. Set parking brake if equipped.

When servicing machine:

1. Avoid moving parts. Do not wear loose clothing or jewelry.
2. Disconnect battery connections before working on machine.
3. Wear protective gloves and eye protection when handling batteries or battery cables.
4. Avoid contact with battery acid.
5. Do not power spray or hose off machine. Electrical malfunction may occur.
6. Use manufacturer supplied or approved replacement parts.
7. All repairs must be performed by a qualified service person.



8. Do not modify the machine from its original design.

When transporting machine:

1. Drain tanks before loading.
2. Turn machine off.
3. Do not lift machine when batteries are installed.
4. Get assistance or use a mechanical lift when lifting machine.
5. Use a recommended ramp when loading/unloading into/off truck or trailer.
6. Use tie--down straps to secure machine to truck or trailer.
7. Set parking brake if equipped.

PREPARING THE MACHINE:

1. Unfasten the two latches which hold the recovery tank to the solution tank. Lift the recovery tank off the solution tank.
2. Pour clean solution into the solution tank.
3. Place the recovery tank back onto the solution tank and fasten the two latches.
4. Plug power cord into a grounded power outlet.
5. Connect vacuum and solution hoses to the HOTSPOT. The connection for the vacuum hose is part of the handle on the recovery tank and has an open end where the vacuum hose slides onto it. The connection for the solution line is located at the bottom center of the front of the solution tank.
6. NOTE: Previously shampooed carpets usually have a heavy build-up of old shampoo residue which can cause the vacuum system to ingest foam and result in damage to the vacuum motor. Remember to add recommended amount of defoamer to the recovery tank every time you fill the solution tank.



OPERATING INSTRUCTIONS – CARPET TOOL:

1. Turn on the vacuum and solution switches. Slowly pull the tool towards you with solution valve trigger engaged. Do not overwet carpet! Make overlapping passes to prevent streaking.
2. When you run out of solution, turn off the switches. Disconnect vacuum hose from recovery tank. Unfasten latches and lift recovery tank off solution tank. Drain recovery tank completely and flush it several times with clean water to remove all dirt and prevent odor build-up.
3. When the job is completed, turn the switches off, disconnect the vacuum and solution hoses from the carpet tool and the machine. Drain the recovery tank as in step 2.
4. Tip solution tank upside down over a sink to drain the unused cleaning Solution.

DAILY MAINTENANCE:

1. Always keep the machine clean inside and out.
2. Pour 1 gallon of clean, hot water into the solution tank. Turn on and flush the entire system through the wand nozzles for about a minute to prevent mineral or chemical build-up. A periodic use of a 1:3 white vinegar and water solution helps to break down build up.
3. Remove dirt and lint build-up inside the circular filter screen located between the recovery and solution tanks. Lint should be cleaned off so that air flow is not impeded.
4. Check the solution tank strainers in the solution tank. If lint has accumulated on the screens, remove and rinse them in clear running water or soak it in a 1:3 white vinegar and water solution. Replace as necessary. Empty recovery tank and open recovery lid and run your vacuums for 3-5 minutes after every job to remove any excess moisture from the vacuum motors. This is especially important if you have over filled the machine or did not use enough Defoamer.

CLEANING UPHOLSTERY:

Cleaning upholstery with success requires a good knowledge of the type of fabric you will work on. Look for the cleaning instructions label sewn on the underside of the furniture for the recommended method of cleaning. If it calls for dry-cleaning, do not attempt to clean by wet extraction otherwise damage to the fabric could occur. Extraction works perfectly on most synthetic fabrics including synthetic velvets.

Always consult your distributor for information on how to find the proper type of chemical and method for the type of fabric you are cleaning.

Before proceeding, test the fabric for colorfastness. Apply a small amount of cleaning solution on the fabric in an inconspicuous spot. Wait 2 to 3 minutes and rub the area with a white terry cloth towel. If no color comes off the towel, the fabric should be safe to clean. If a little color comes off, there is some risk of colors running when you clean. It may be possible to stabilize colors by cleaning with an acidic rinse.

1. Prepare the machine in the same manner as for carpet cleaning (see Preparing the Machine) except attach an upholstery tool to the vacuum and solution hose instead of a carpet wand. Pour hot water into the solution tank, not exceeding 55°C.
2. Add recommended amount of cleaning concentrate into the solution tank. Turn on the vacuum and pump switches.
3. Clean with the upholstery tool using as little solution as possible. Make overlapping passes to prevent streaking. Go over the area you just cleaned without depressing the lever (vacuum only) and gauge the amount of moisture extracted through the view window for dryness. On heavily soiled areas like arm rests, pre-treat with a recommended pre-spray solution.



PERIODIC MAINTENANCE:

All Polivac machines are engineered and built to require a minimum amount of maintenance. But like any machine it does require some care to keep it in optimum working condition. Careful attention to these maintenance instructions will give you maximum operating performance and will increase the life expectancy of your machine.

- **Solution Lines & Fitting:** Flush the machine at least once a month with a solution of 3 parts water with 1 part white vinegar in order to neutralize the alkaline residue left by the cleaning solution.
- **Quick Connect Coupler:** Spray with WD-40 or equivalent lubricant to prevent coupler from sticking.
- **Drain Valve:** Apply light oil on gate seals. If machine has to be stored for a prolonged period, leave the gate valve open.
- **Solution Pump:** The same above procedure used on the solution line and fittings applies to the pump.

Troubleshooting Guide

PROBLEM	POSSIBLE CAUSE	SOLUTION
Weak vacuum suction	Suction motor is not switched on	Switch on the suction motor
	Recovery Filter blocked	Check if the ball in the recovery filter hasn't been stuck in the top position.
	Dome Seal not seated properly	Make sure your dome is seated correctly.
	Waste collection hose is clogged up	Clear the waste collection hose and remove any clogs
	Waste collection tank filter is clogged up	Clean the waste collection tank filter and remove any clogs
	Waste collection hose leakage or disconnection	Check waste collection hose for any leakage and make sure the hose is firmly connected to the unit.
	Waste collection tank is full	Empty the waste collection tank
	Waste collection tank sensor is dirty, damaged, or blocked	Check the waste collection tank sensor is clean and un-blocked or replace the sensor if damaged
Machine will not turn on	Loose battery cable	Tighten loose cable
	Faulty switch	Contact service center

Vacuum motor will not operate	Vacuum motor fuse blown	Replace fuse
	Faulty vacuum motor or wiring	Contact service center
Little or no solution flow	Clogged solution tank filter or solution hose	Clean solution tank filter or flush out solution hose
	Clogged solution valve	Remove valve and clean
	Solution flow control knob set too low	Adjust solution control flow knob
	Loose screw on control knob	Calibrate knob and re-tighten screw