

Powr-Flite®

OPERATOR'S MANUAL

Self-Contained Carpet Extractor Model PFX3S



**WARNING: OPERATOR MUST READ AND UNDERSTAND THIS MANUAL
COMPLETELY BEFORE OPERATING THIS EQUIPMENT.**

Save These Instructions

Congratulations on your purchase of a Self-Contained Carpet Extractor. You are now equipped to handle any and all commercial carpet cleaning jobs. Your new 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. 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.

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 recommended accessories.

WARNING To avoid fire, DO NOT use with a flammable or combustible liquid or floor cleaner.

WARNING To avoid electric shock, DO NOT expose to rain. Store Indoors.

To reduce risk of fire, electric shock, or injury:

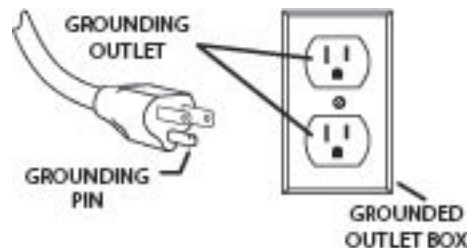
- Do not use outdoors or on wet surfaces.
- Do not leave unit unattended when plugged in. Turn off the switch and unplug the electrical cord when not in use and before servicing.
- Do not allow to be used as a toy. Close attention is necessary when used near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center before using.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull a cord around sharp edges or corners. Do not run the unit over cord. Keep cord away from heated surfaces.
- Do not use extension cords or outlets with inadequate current carrying capacity.
- Turn off all controls before unplugging.
- Do not handle plug or unit with wet hands.
- Do not put any objects into openings. Do not use with any opening blocked, keep free of dust, lint, hair, and anything that may reduce airflow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- Use extra care when cleaning on stairs. Do not use to pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
- Store your unit indoors in a cool, dry area.
- Do not unplug by pulling on cord. To unplug, grasp the plug, NOT THE CORD.
- Follow these guidelines to ensure operator safety and to maintain equipment in running order.
- Make sure the machine is plugged into an electrical outlet with the same voltage rating as shown on the nameplate of the machine.
- Do not attempt to plug a 115 volt machine into a 230 volt outlet or a 230 volt machine into a 115 outlet.
- Replace a damaged cord immediately.
- If an extension cord is necessary, use a three conductor grounding cord-12 gauge wire or heavier to prevent motor burnout and over-heating of wires
- Do not expose the machine to freezing temperatures.
- Do not use the machine for totally dry vacuuming. This machine is not fitted with a fine dust filter.

- Do not use citrus-based cleaners in this machine.
- Do not use cleaning chemicals in this machine except those recommended for commercial extraction equipment. The use of any chemical with abrasive additives voids the warranty.
- Do not break off or pull out the ground prong on the plug.
- Do not attempt repair on a warranted machine unless instructions to perform it by an authorized shop are obtained from the factory.
- Do not use any replacement parts except those specified on the parts list. Proper performance of the machine could be affected if substitutions are made.
- Use defoamer at all times to prevent damaging the vacuum motor.
- Do not use water in excess of 140° F (62° C).
- Failure to comply with the above warning instructions will void the warranty.

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 electric shock. This machine 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 115-volt circuit, and has a grounding plug that looks like the plug illustrated in sketch A



A



GENERAL INSTRUCTIONS

PRE-OPERATION INSTRUCTIONS



NOTE - FOR COLOR FASTNESS:

Before using carpet cleaning chemicals, test on an inconspicuous part of the carpet for color fastness. Place the solution on a small piece of clean white cloth or tissue. Rub the carpet area vigorously with the cleaning chemical. Excessive amounts of dye showing on the material would indicate that the colors are not colorfast, and should not be wet cleaned.

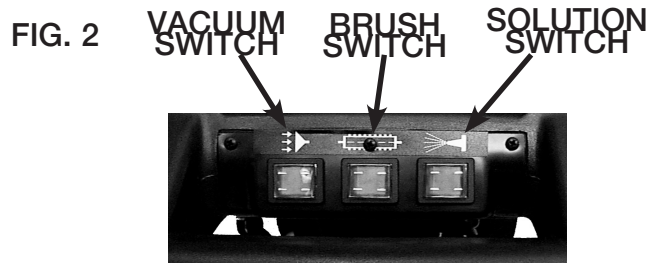
FIG.1

1. Prepare room for cleaning, moving furniture as need to provide a clear working area. Cover bottoms of furniture legs where possible. (Aluminum foil or foam blocks are ideal for this purpose.) Pin up curtains and drapes.
2. Gather cleaning supplies: a clean, suitable sized bucket, carpet cleaning solution, and pretreat solutions for heavily soiled traffic areas such as Powr-Flite's Fast Lane.
3. Disconnect vacuum hose from recovery tank and lift the **RECOVERY TANK** off of the **SOLUTION TANK**.
4. Measure carpet cleaning solution, per manufacturers recommended ratio, into the **SOLUTION TANK** and fill with hot water. **DO NOT** use the **RECOVERY TANK** to fill the **SOLUTION TANK**. Debris remaining in the tank could damage the pump or block the jet. **WARNING: DO NOT** exceed water temperature of 150° F (65° C).
5. Replace **RECOVERY TANK** on machine. Add defoamer solution, per manufacturer's instructions as needed, in **RECOVERY TANK**.
6. Replace the transparent cover on the **RECOVERY TANK** and connect the vacuum hose to the front of the **RECOVERY TANK**.
7. Pre-treat heavily soiled carpet areas as required.

GENERAL INSTRUCTIONS

OPERATION INSTRUCTIONS

1. Plug the power cord into an outlet. **WARNING:** This machine must be properly grounded. See Grounding Instructions on page 3 for additional information.
2. Press the **VACUUM** switch “on” and the **BRUSH** switch to the “right” position. See FIG. 2 for a diagram of operational switches.
3. To clean the carpet, squeeze and hold the **SOLUTION LEVER** (FIG. 1) to apply the cleaning solution, pulling the machine backwards at the same time. Stop spraying the solution approximately 12 inches (30 cm) before the end of your pass, so that the extractor will vacuum up all of the solution. Slightly overlap the next cleaning pass to prevent streaking. To avoid overwetting, it is recommended that a maximum of only two wet passes (spraying solution) be done. One dry pass without spraying solution will also aid in drying time. After a few passes, check the **RECOVERY TANK** to verify that no foam is present. Add extra defoamer if necessary.
4. Empty the **RECOVERY TANK** when it is approximately 3/4 full. Do not refill the **SOLUTION TANK** without emptying all of the contents of the **RECOVERY TANK** first.



STORAGE

WHEN CLEANING IS FINISHED:

1. Disconnect the **SOLUTION HOSE** on the front of the machine by pushing in on the ring of the solution fitting.
2. Connect the drain hose (clipped to the back) to the **SOLUTION HOSE** fitting and place the other end into the **RECOVERY TANK**. Press the **SOLUTION** switch to the “right” position. This will activate the motor to pump any remaining solution into the **RECOVERY TANK** for easy drainage.
3. When all of the solution is pumped from the **SOLUTION TANK**, turn the **SOLUTION** switch off, remove the power plug from the outlet and empty the **RECOVERY TANK**. Leave the **RECOVERY TANK** open when storing.
4. Disconnect the **DRAIN HOSE** by pushing in on the ring of the **SOLUTION HOSE** fitting. Replace the **DRAIN HOSE** in the clip on the back of the machine, and re-connect the **SOLUTION HOSE**.



FIG. 3

ROUTINE MAINTENANCE INSTRUCTIONS

DAILY

1. The filter in the solution tank (FIG. 4) should be kept clean. It can be removed if necessary. A damaged filter should be replaced, otherwise blockages and/or damage to the pump head and spray jet can occur.
2. Check the spray jet (FIG. 5) for blockage and a uniform spray pattern. Remove jet and blow through to clean. Do not use a pin or other sharp objects as this may cause damage to the jet.
3. Check and remove any debris or lint build-up from the vacuum head, brush, and brush housing.
4. Always wash out the tanks with clean water after use. To do this, pour clean water into the solution tank and spray through spray tip to clear chemical residue from the pump, lines, and spray tip. Allow the vacuum to run for a few minutes after use to aid the machine in drying out and to help prevent bacteria and odors.
5. Wash out mesh filter in **RECOVERY TANK** of dirt and carpet fibers after dumping waste from recovery tank. Failure to clean filter may cause damage to vacuum motor.



FIG. 4



SOLUTION SPRAY JET

FIG. 5

WEEKLY

1. Inspect hoses (unseen blockages sometimes occur), hose cuffs, and the rubber seal on the recovery tank lid. The main cable, plug, and switches should also be examined for damage.

NOTE: It is advisable to store the unit with the recovery tank lid removed.

CAUTION: THIS UNIT MUST BE PROTECTED FROM FREEZING. Damage from freezing could cause machine to malfunction.

MAINTENANCE GUIDE

Motors not running

CAUSE:

1. Power not reaching main switch.
2. Defective power cord.
3. Faulty switches or wiring.
- 4 . Blown fuse or tripped circuit breaker.
5. Problem with brushes, field windings, or armatures. (vacuum or brush motor)
6. Reset switch on back.

SOLUTION:

1. Check power supply. Check fuses/circuit breaker. Contact service center.
2. Contact manufacturer or service center.
3. Contact manufacturer or service center.
4. Reset circuit breaker according to operating instructions or replace fuse if qualified..
5. Repair or replace defective part.
6. Push reset switch.

Loss of vacuum suction

CAUSE:

1. Vacuum head blocked.
2. Hoses blocked.
3. Recovery tank not sealed properly.

SOLUTION:

1. Visually inspect and clear blockage.
2. Visually inspect and clear blockage.
3. Check tank for damage or adjust for proper fit.

Brush not functioning properly

CAUSE:

1. Belt broken.
2. Brush jammed.
3. Brush pulley broken.

SOLUTION:

1. Replace belt.
2. Visually inspect and clear blockage.
3. Replace pulley.

Spray jet not functioning properly

CAUSE:

1. Jet blocked
2. Solution filter blocked.

SOLUTION:

1. Visually inspect and clean according to operating instructions.
2. Visually inspect and clean according to operating instructions.

For warranty information go to www.Powr-Flite.com

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