

Powr-Flite[®]

OPERATOR'S MANUAL

SELF-CONTAINED CARPET EXTRACTOR

PFX900S



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

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PFX900S-MAN 03/2020

Save These Instructions

NOTES

Model Number: _____

Serial Number: _____

Date of Purchase: _____

Retain this manual as a permanent record of your purchase.



READ ALL INSTRUCTIONS BEFORE USING!

Congratulations on purchasing this self-contained extractor. Given proper care, this product will afford you many years of trouble-free operation. All parts have passed rigid quality control standards before being assembled to produce the finished product.

Prior to packaging, the extractor is again inspected for assurance of flawless assembly. This unit is protectively packed to prevent damage in shipment. We recommend removal and inspection of unit upon delivery for possible damage in transit. Only a visual examination will reveal damage that may have occurred. If damage is discovered, immediately notify the transportation company that delivered your extractor. As a shipper, we are unable to report claims for concealed damage. You must originate any claim within 5 days of delivery.

This manual is for your protection and information. **PLEASE READ CAREFULLY** since failure to follow precautions could result in discomfort or injury. When using electrical equipment, basic safety precautions should always be followed.

CARE OF THIS SELF-CONTAINED EXTRACTOR

Treat this unit as you would any other high grade precision made product. Dropping, unreasonable bumping across thresholds and other misuses may result in a damaged unit which will not be covered by warranty. When not in use, power cord should be wrapped around handle for storage. Read this manual completely before operating this extractor. It is important to follow instructions in this manual to prevent the possibility of injury or damage to the user and/or machine.

115 VAC GROUNDING INSTRUCTIONS

This unit must be grounded! Grounding is a safety measure to reduce the risk of electrical shock to the operator should the machine malfunction or stop working. Grounding provides the path of least resistance for electric current and will trip the circuit breaker, stopping the flow of electricity.

This unit is equipped with a cord containing an equipment-grounding conductor and grounding plug. The plug must be inserted in an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. Cutting off the ground wire or using a cord that is not equipped with a ground plug will void the warranty on the unit. Manufacturer will accept **NO** liability associated with the unit.

This Extractor is for use on a nominal 115-Volt circuit, and has a grounded plug that looks like the plug illustrated in Figure A.

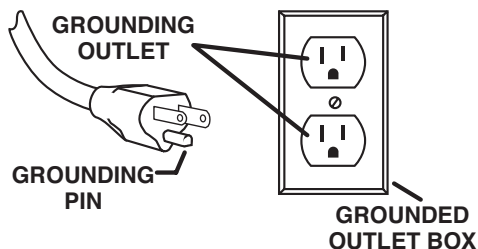


Figure A

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.



WARNING

The replacement or repair of damaged wiring should only be performed by a qualified electrician or service engineer from the manufacturer or authorized service center.

IMPORTANT SAFETY PRECAUTIONS

Read all instructions before using. Save These Instructions.

Following the cleaning instructions will prolong the life of your Extractor.

To reduce the risk of fire, explosion, electric shock, or injury, the following precautions should always be followed.

1. Use only as described in this manual. Use only manufacturer's recommended attachments.
2. Do not operate this machine near flammable liquids, vapors, combustible dusts or material capable of catching fire such as drapes, etc.
3. Connect only to an outlet provided with a ground fault circuit interrupting device.
4. Unplug cord from outlet when not in use and before cleaning or servicing machine.
5. Do not allow to be used as a toy. Close attention is necessary when used near children.
6. This machine is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
7. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped in water, return it to a service center for repair.
8. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
9. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
10. Do not handle plug or appliance with wet hands.
11. Extension cord must be a three-wire type, 14 gauge or larger to ensure grounding protection.
12. Do not put any object into openings.
13. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
14. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
15. Do not pick up anything that is smoking or burning such as cigarettes, matches, or hot ashes.
16. Do not use to pick up hazardous chemicals.
17. Do not operate appliance without safety devices in place.
18. Turn off all controls before unplugging.
19. All repairs must be performed by a qualified service person. Use only manufacturer-supplied or equivalent replacement parts.
20. Do not use outdoors. Do not expose appliance to rain or moisture. Store indoors.
21. Connect to a properly grounded outlet only. See Grounding Instructions.
22. Turn off immediately if foam or liquid comes from machine exhaust. Empty and clean out recovery (dirty water) tank and use defoamer to correct the problem.
23. To avoid severe or fatal shock, all electrical cords and components must be kept dry at all times.
24. Do not leave unit when plugged in.
25. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
26. Do not use where oxygen or anesthetics are used.
27. Replace damaged or worn parts immediately with genuine original parts to maintain safety.
28. The appliance is only intended for operation below 2,000m.

GENERAL SPECIFICATIONS

Specification		
	PFX900S	PFX900S-SH
Solution Tank	9 Gallon	9 Gallon
Solution Pressure	100 p.s.i	100 p.s.i
Vacuum Motor	1300 W	1300 W
Vacuum Motor	3 Stage UL Listed	3 Stage UL Listed
Waterlift	120"/3048 mm	120"/3048 mm
CFM	90	90
Brush Motor	1/4 hp	1/4 hp
Brush RPM	1300	1300
Brush Adjustment	Floating	Floating
Cleaning Path	18"/457 mm	18"/457 mm
Wheels	12" /305 Stair Climbing	12"/305 mm Stair Climbing
Tank Construction	Polyethylene	Polyethylene
Power Cord	Pigtail, 50' Extension	Pigtail, 50' Extension
Width	19"/483 mm	19"/483 mm
Height	36"/914 mm	36"/914 mm
Weight	100 lbs./45 kg	100 lbs./45 kg
Voltage	115 VAC	230 VAC

GENERAL INSTRUCTIONS

PRE-OPERATION INSTRUCTIONS

NOTE: (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 material or tissue, then rub the carpet vigorously. Excessive amounts of dye showing on the material would indicate that the colors are not fast, and should not be wet cleaned.

- 1) Fill the solution tank with 9 gallons of warm water.
WARNING: DO NOT overfill.
- 2) Measure carpet cleaning solution per manufacturers recommended ratio into the clean water tank. **WARNING: DO NOT** exceed 150°F (65°C)
- 3) Add defoamer solution per manufacturer's instructions as needed.



OPERATION OF SELF-CONTAINED CARPET CLEANER

- 1) Plug main power cable into outlet.
WARNING: This machine must be properly grounded.
- 2) Press the Vacuum switch to the ON position. Then press the pump switch ON and the brush switch to the ON position.
- 3) Lower carpet brush. Push brush lowering pedal forward to lower brush. Push down and back to raise brush.
- 4) Press and hold the solution switch to apply the cleaning solution. Pull the machine backwards at the same time to clean the carpet. Stop the solution spray about 12" (30 cm) before the end so all of the solution is vacuumed up. Slightly overlap the next cleaning pass to prevent streaking. A two (2) wet pass maximum is recommended to avoid overwetting. After a few passes, check the waste tank to see that no foam is present. Add extra defoamer if necessary.
- 5) Make sure to empty the recovery (top) tank when it is approximately 3/4 full. Do not refill the solution tank without emptying all the contents of the recovery tank first.



GENERAL INSTRUCTIONS

STORAGE

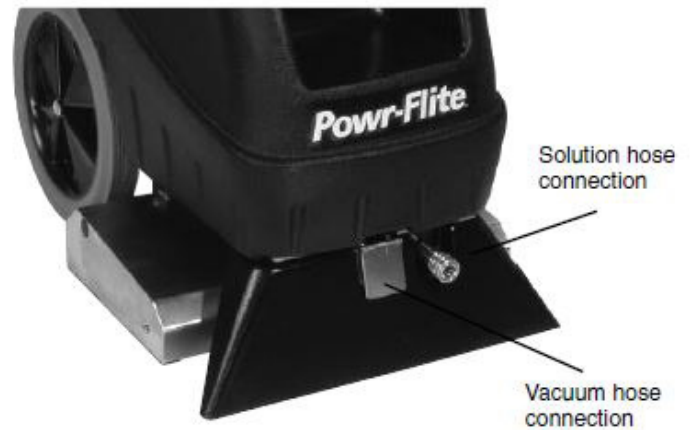
WHEN CLEANING IS FINISHED:

- 1) Connect the drain solution hose (gray hose with brass connector) to the solution fitting at the front of the machine and place the other end at drain. Turn on the PUMP switch. This will pump the remaining solution into the waste tank for easy drainage.
- 2) To disconnect the solution hose, push in on the ring of the solution filling. Switch off the machine, remove power plug from the socket, and empty the waste tank. Leave waste tank open when storing.
- 3) Leave brush raised for storage.



ACCESSORIES / TOOLS (OPTIONAL)

For upholstery cleaning and inaccessible areas. Attach recovery hose to recovery hose position of vacuum shoe. Connect the accessory solution hose to the solution fitting at the front of the machine by pushing back the locking ring to fit. Turn on vacuum and pump.



ROUTINE MAINTENANCE INSTRUCTIONS

DAILY / INTERVAL

- 1) Check the spray jets for blockage and a uniform spray pattern. Remove jets and blow through to clean. Do not use a pin as this may cause damage to the jets.
- 2) Check and remove any debris or lint build-up from the vacuum head, brush, and brush housing.
- 3) 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.

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 and void warranty on broken parts.

MAINTENANCE GUIDE

Motors not running

CAUSE	SOLUTION
1) Power not reaching main switch.	1) Check power supply. Check fuses/circuit breaker. Contact service center
2) Defective power cord.	2) Replace with 14 gauge cord.
3) Faulty switches or wiring.	3) Contact manufacturer or service center.
4) Blown fuse or tripped circuit breaker	4) Reset circuit breaker according to operating
5) Problem with brushes, field windings, or armatures. (vacuum or brush motor)	5) Contact manufacturer or service center.

Loss of vacuum suction

CAUSE	SOLUTION
1) Vacuum head blocked.	1) Visually inspect and clear blockage.
2) Hoses blocked.	2) Visually inspect and clear blockage.
3) Recovery tank not sealed properly.	3) Check tank for damage or adjust lid for proper fit.

Brush not functioning properly

CAUSE	SOLUTION
1) Belt broken.	1) Replace belt.
2) Brush jammed.	2) Visually inspect and clear blockage.
3) Bearing seized.	3) Contact manufacturer or service center.

Spray jet not functioning properly

CAUSE	SOLUTION
1) Jet blocked.	1) Visually inspect and clean according to operating instructions.
2) Solution filter blocked.	2) Visually inspect and clean according to operating instructions.
3) Pump head, valves or diaphragm blocked or damaged.	3) Contact manufacturer or service center.
4) Solenoid valve inoperative	4) Contact manufacturer or service center.

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

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A Tacony Company

3101 Wichita Court • Fort Worth, TX 76140-1755
1-800-880-2913 • Fax: 1-817-551-0719