

Powr-Flite®

OPERATOR'S MANUAL

Riptide Multi-Surface Cleaner

PF1200RT



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

Save These Instructions

NOTES

Model Number:

Serial Number:

Date of Purchase:

Retain this manual as a permanent record of your purchase.

INTRODUCTION

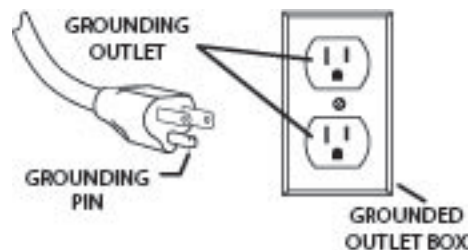
Congratulations on your purchase of a Powr-Flite a 1200 P.S.I. Multi-Surface Cleaner, PF1200RT. You are now equipped to handle any and all commercial carpet cleaning jobs.

Shipping and Damage

This equipment is thoroughly inspected, tested, and packaged to provide equipment in good operating condition. It is beyond our control after the equipment is turned over to a freight carrier. The freight carrier received and signed for the equipment in good condition. Consequently, it is most important to protect your interest by carefully complying with the following instructions:

Please inspect your cartons for any damage (including concealed damage) that might have occurred during shipment. Any damage is the responsibility of the freight carrier and should be reported to the freight carrier immediately. It is your responsibility to issue a claim and to receive compensation from the freight carrier for any damage done in transit. Damage of this sort is not warranted.

This extractor must be properly grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This machine is equipped with a pigtail cord having an equipment-grounding conductor and grounding plug. The pigtail must be inserted into an appropriate 12 gauge 3 prong extension cord. This unit is for use on a nominal 115 volt circuit and has a grounded plug that looks like the plug illustrated in (Fig. A).



A



PROTECT THE ENVIROMENT
Please dispose of packaging materials in an enviromentally safe way according to local waste disposal regulations.



Always remember to recycle.

IMPORTANT SAFETY PRECAUTIONS

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.

When using this Midsize extractor, basic precautions should always be followed, including the following:

- 1) DO NOT leave unit when plugged in. Unplug from outlet when not in use and before servicing.
- 2) DO NOT allow unit to be used as a toy. Close attention is necessary when used around or near children.
- 3) Use only as described in this manual. Use only manufacturer's recommended attachments.
- 4) DO NOT use with damaged cord or plug. If unit is not working properly because it has been dropped, dropped into water, left outdoors, or damaged in any way, contact a service center
- 5) DO NOT handle plug or appliance with wet hands.
- 6) DO NOT put any objects into openings.
DO NOT use with any opening blocked: keep free of dust, lint, hair, or anything that may reduce air flow.
- 7) Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- 8) DO NOT pick up anything that is smoking or burning such as cigarettes, matches, or hot ashes.
- 9) DO NOT use to pick up hazardous chemicals.
- 10) Turn off all controls before unplugging.
- 11) Turn unit off immediately if foam or liquid comes from machine exhaust. Empty & clean out recovery (dirty) tank and use defoamer to correct the problem.
- 12) DO NOT use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- 13) DO NOT use where oxygen or anesthetics are used.
- 14) Replace damaged or worn parts immediately with genuine original equipment parts to maintain safety.
- 15) This unit must be connected to a properly grounded outlet only. See grounding instructions.

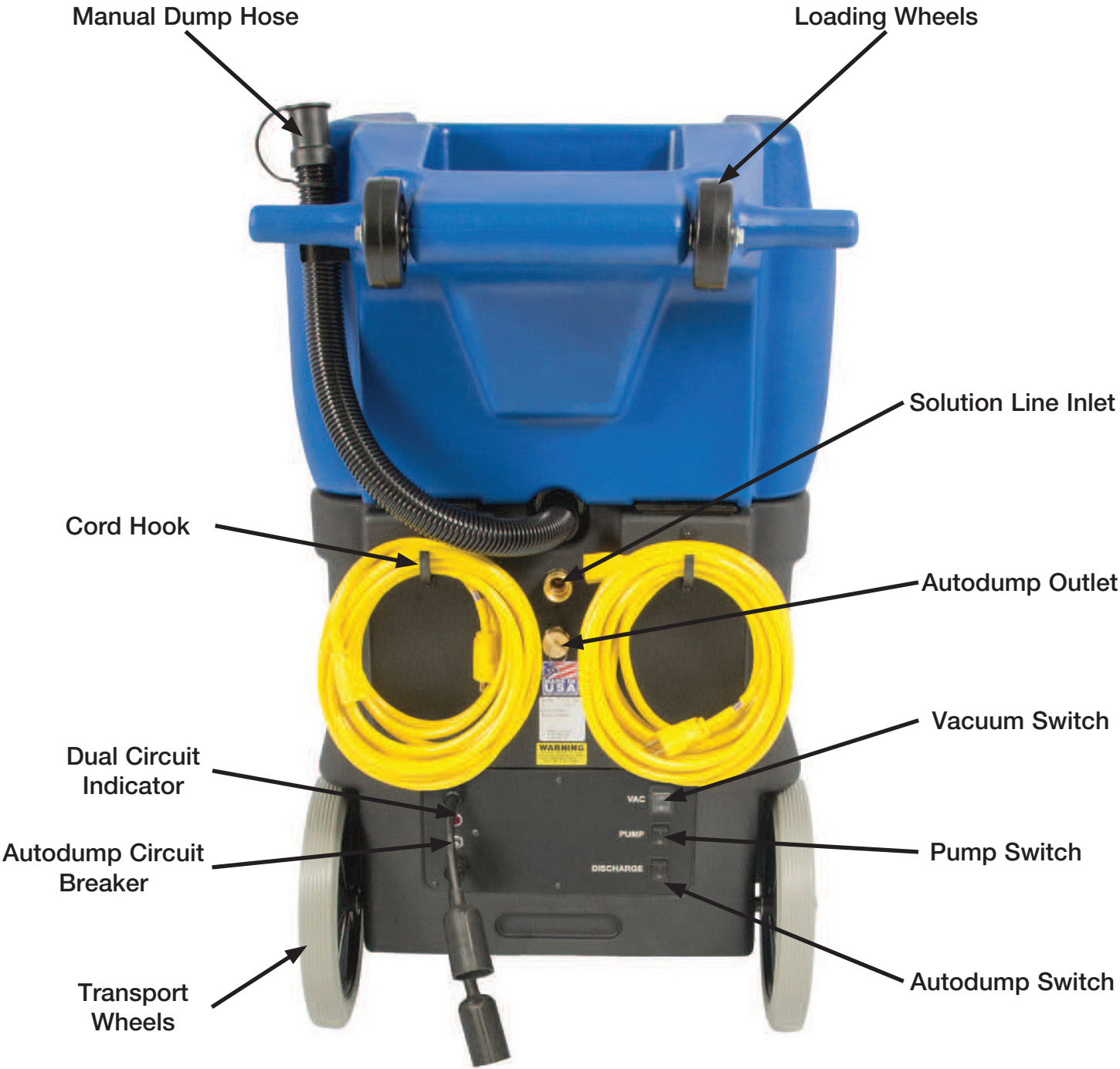


WARNING!
**TO AVOID SERIOUS INJURY, NEVER POINT SPRAY NOZZLE
AT YOURSELF, OTHER PERSONS OR ANIMALS!**

GENERAL DIAGRAM



GENERAL DIAGRAM



GENERAL INSTRUCTIONS

MACHINE SET UP

This machine is designed as a direct feed solution system with a recovery tank with the option to auto dump.

To set up your machine:

GENERAL INSTRUCTIONS

1. Make sure hoses are in good condition and spray nozzle on wand is tight.
2. To prep your direct feed solution system, connect the machine to the water source with a garden hose.
3. When not using the auto dump feature, make sure the brass cap is screwed tightly on the hose connector fitting on the dump pump on the rear of the machine. If using the auto dump feature, connect the dump hose to the brass hose fitting on the back of the dump pump and place the open end of the hose in a drain. Make sure the drain hose (recovery tank) is closed, and the lid is tight on the recovery tank.
4. Connect the vacuum hose to the wand.
5. Plug each extension cord into a separate and grounded 15 amp wall socket circuit. The green dual circuit light will be lit. If the light does not come on, check the circuit breaker box on the wall, and/or try different outlets until it does turn on.
6. Prime the pump: Ensure that the pump, vacuum and auto dump switches are off. Prime the pump by squeezing the trigger on the wand to release the water. When a steady flow of water goes through, then your machine is ready to be used.
7. Turn on the vacuum and pump switch. If using the auto dump feature, turn on the auto dump switch.
8. To adjust the pressure, while the trigger is activated on the hard surface tool with the pump switch on, adjust the pressure unloader, next to the PSI gage, to between 400-1200 PSI.

PREPARING THE CLEANING AREA

1. It is suggested to sweep the area to be cleaned prior to operating the machine.
 2. Pre-Spray – with the use of a pump-up sprayer, pre-spray the floor with an approved hard surface pre-spray detergent.
- Only use commercially available floor cleaners intended for machine application. Follow proper mixing and handling instructions on the detergent bottle.

CLEANING WITH THE HARD SURFACE TOOL

1. Verify the vacuum hose and solution hose are securely connected to the machine and hard surface tool.
2. Ensure the relief valve on the hard surface tool is closed. If the hard surface tool starts to stick to the floor due to excessive vacuum pressure, slide the suction relief valve to adjust the pressure located at the head of the unit.
3. Turn on the pump and vacuum switches. Turn on the auto-dump switch if using this feature.
4. For optimum cleaning results pull trigger while moving the hard surface tool in a front to back motion.

Note: Use defoamer with each use to prevent vacuum flooding.

5. When finished with the job, shut off all switches. Before disconnecting solution hose, relieve the water pressure from the hard surface tool by holding the trigger on the hard surface tool.

GENERAL INSTRUCTIONS

OPTIONAL: CLEANING CARPET WITH A CARPET WAND (Not Included)

1. Verify the vacuum hose and solution hose are securely connected to the machine and carpet wand.
2. Set the PSI to no more than 800 psi to clean carpet. **CAUTION:** Damage to carpet may occur if the PSI is set too high.
3. When finished with the job, shut off all switches. Before disconnecting solution hose, relieve the water pressure from the carpet wand by holding the trigger on the carpet wand.

OPTIONAL: USING A PRESSURE WASHER ATTACHMENT (Not Included)

1. Verify the vacuum hose and solution hose are securely connected to the machine and pressure washer spray wand.
2. Set the PSI to the desired pressure between 400-1200 PSI.
3. When finished with the job, shut off all switches. Before disconnecting solution hose, relieve the water pressure from the pressure washer spray wand by holding the trigger on the pressure washer spray wand.



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OPTIONAL: DRYING YOUR FLOOR WITH A SQUEEGEE TOOL (Not Included)

1. Verify the vacuum hose is securely connected to the machine and wand. Connect the squeegee tool to the wand.
2. Turn on the vacuum switch to vacuum excess water.

DRAINING RECOVERY TANK

1. Turn off all switches.
2. Drain the recovery tank by holding the end of the drain hose with the cap above the machine. Remove the cap on the drain hose. Lower the drain hose over a drain or a bucket to drain the recovery tank.

Note: When using the auto dump feature, the recovery tank must be rinsed and then drained with the drain hose after each use.

MAINTENANCE

To keep the machine in good working condition, maintenance procedures should be followed after each use.

CAUTION: When servicing machine turn the power off and unplug the machine from the wall outlet.

1. Drain and flush the recovery tank, intake hoses, and any wand or hand tool used with clean water. Make sure the discharge connector is closed.
2. Thoroughly clean the inlet basket filter.
3. Inspect power cords for damage. Replace damaged cords and plugs immediately. Do not use the machine with a damaged cord or plug.

4. Inspect vacuum hoses for holes and loose cuffs.
5. Clean machine housing with an all purpose cleaner and damp cloth.
6. Inspect the machine for leaks and loose hardware.
7. Lubricate wheels and casters with oil or grease .
8. Check and clean inlet filter.



STORING

1. Machine should be completely empty and dry before storing.
 2. Store machine in a dry area in the upright position.
 3. Open recovery tank cover to promote air circulation.
- CAUTION:** Do not expose to rain or freezing temperatures, store indoors.



PRODUCT SPECIFICATIONS	
MODEL	PFX1200RT
Power Cord	25 ft. 12 gauge, 3-wire (2)
Water Supply Hose	25 ft. (2)
Recovery Tank Capacity	15 gallons
Vacuum Intake Hose	30 ft.
Water Lift	135 in.
CFM	92
Front Wheel Size	4 in.
Rear Wheel Size	12 in.
Tank Construction	Polyethylene
Overcharge Protection	Electronic float / auto ON-OFF
Discharge Pump	Self-priming impeller pump
Discharge Rate	5 GPM
Filter System	Stainless Steel Filter
Weight	158 lbs.
Dimensions	41”H x 29” L x 22” W
Warranty	10 years housing, 1 year motor
MODEL	HYDRO WAND HP-12
Head Diameter	15”
Spray jets	2 x 90 degree
Rated PSI	2600
Max Flow Rate	2.2 GPM

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Poor pick up.	Inlet basket filter is clogged. Loose drain hose connection. Loose recovery tank lid. Damaged hose. Suction relief is open on wand.	Clean filter. Tighten drain hose. Position the lid correctly. Replace hose. Adjust or close suction relief on wand.
Vacuum motor does not operate.	Unplugged cord. Faulty switch or loose wiring. Tripped building circuit breaker. Defective vacuum motor. Recovery tank is full.	Check connection to pigtail and wall. Contact Service Center. Reset breaker. Contact Service Center. Empty the recovery tank.
Discharge pump does not operate.	Unplugged cord. Faulty switch or loose wiring. Tripped building circuit breaker. Defective pump. Recovery tank is not full enough.	Check connection to pigtail and wall. Contact Service Center. Reset breaker. Contact Service Center. Discharge pump will turn on when there's enough water in the recovery tank.
Amount of discharge water dwindles	Worn impeller.	Contact Service Center.
Pressure pump does not operate or has low pressure.	Unplugged cord. Faulty switch or loose wiring. Tripped building circuit breaker. Defective pump. Tripped pump circuit breaker.	Check connection to pigtail and wall. Contact Service Center. Reset breaker. Contact Service Center. Reset breaker on pump.

OPTIONAL ACCESSORIES NOT INCLUDED



7" Spinner Hand
Tool #HP7



Viper Venom
for routine
cleaning #VV4



Viper Renew
for restorative
cleaning #VR4



Wet/Dry Vac
Tool #WD30A



Wonder Wand™
1000 p.s.i. 3 Jet
#WW1000



Pressure
Washer
Gun #X1470



Wet/Dry Vac Wand
#WD29 (2 required)

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

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