

# ***Powr-Flite***®

## **OPERATOR'S MANUAL**

### **Flood Pump PF85DX Gulper II**



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

**Save These Instructions**

Congratulations on your purchase of a Powr-Flite Flood Pump. You are now equipped to handle any and all commercial 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.

## **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.

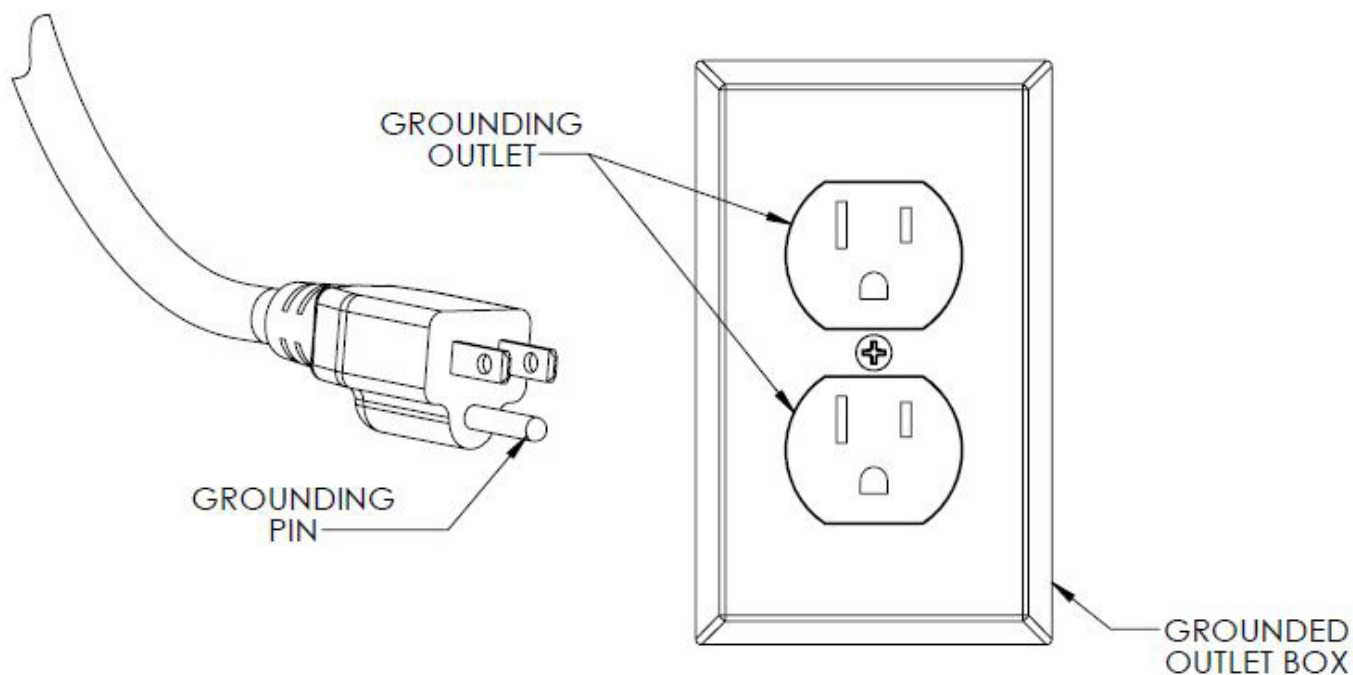
**When using this Midsize extractor, basic precautions should always be followed, including the following:**

- 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.

**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



**PROTECT THE ENVIROMENT**

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



Always remember to recycle.

**DO NOT OPERATE MACHINE UNTIL  
YOU HAVE READ THIS SECTION.  
IMPROPER USE OF THE FLOOD PUMP  
WILL VOID THE WARRANTY**

1. Never operate the pump without first removing the cap on the pump-out fitting and connecting the dump hose.
2. Keep filter clean. Do not operate machine if filters are clogged.
3. All extension cords must be at least 12 gauge, three wire and no longer than 50 ft.
4. Always use a defoamer when excessive foaming occurs to prevent damage to vacuum motors.
5. Keep the machine, tools, and hoses from extremes in temperature. Do not allow the machine, tools or hoses to freeze.

**GENERAL INSTRUCTIONS**

**INSPECTION:**

Carefully unpack and inspect the PF85DX for shipping damage. Each machine is tested and inspected before shipment. Any damage incurred during shipping is the responsibility of the carrier, who should be notified immediately.

**OPERATION**

Prior to each job, inspect the recovery tank inlet filter, Fig 1. The filter should be thoroughly cleaned after each use.

Do not operate the machine without the filter in place, damage to the vacuum motor and pump can occur.

1. Unscrew the discharge connector on the front of the machine.

Connect a standard garden hose to the discharge connector, Fig 2.

Place the opposite end of the hose outside or to a drain that will handle large volumes of water.



Fig 1



Fig 2

**CAUTION:** Check hose connection regularly to make sure it is securely fastened. The pump discharges water at high pressure. If the hose should come loose, water in the hose will continue to flow until the suction is decreased.

2. Attach a wand or hand tool to the intake hose.

3. Connect an extension cord to the pig tail on the back of the machine and plug into a grounded circuit.

4. Turn the ON/OFF switch on the vacuum motors and pump to the on position, Fig 3. Do not turn the vacuum motors on with the hose submerged in water. The vacuum motor must have airflow for proper use.



Fig 3

**CAUTION:** Never turn the pump on before uncapping the discharge fitting and connecting the hose. Failure to do so may result in internal plumbing leaks and could damage components. Do not let the pump run dry for long periods of time.

5. Begin vacuuming the water. The pump will automatically discharge water when the water level reaches the proper height in the recovery tank. If the water level falls too low. The pump will automatically shut off to prevent itself from running dry.

**CAUTION:** Check the recovery tank for excessive foam while operating. Foam could result in motor damage.

6. When the recovery tank is full, the float system will shut off power to the vacuum motor and prevent water from entering the motor. The float may not work properly if it is extremely dirty or if there is excessive foam in the tank. Once the tank is sufficiently emptied, the vacuum will automatically come back on.

## 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 recovery tank inlet filter, Fig 1.
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 .

#### STORING

1. Machine should be completely empty and dry before storing.
2. Store machine in a dry area in the upright position, Fig 4.
3. Open recovery tank cover to promote air circulation.

**CAUTION:** Do not expose to rain or freezing temperatures, store indoors.



Fig 4

#### TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Poor pick up.	Inlet basket filter is clogged. Loose drain hose connection. Loose recovery tank lid. Damaged hose.	Clean filter. Tighten drain hose. Position the lid correctly. Replace hose.
Vacuum motor does not operate.	Unplugged cord.  Faulty switch or loose wiring. Tripped building circuit breaker. Defective vacuum motor.	Check connection to pigtail and wall. Contact Service Center. Reset breaker.  Contact Service Center.
Discharge pump does not operate.	Unplugged cord.  Faulty pump switch. Tripped building circuit breaker. Defective pump motor.	Check connection to pigtail and wall. Contact Service Center. Reset breaker.  Contact Service Center.
Amount of discharge water dwindles.	Worn impeller.	Contact Service Center.

For warranty information go to [www.Powr-Flite.com](http://www.Powr-Flite.com)

***Powr-Flite***®

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