

Flood Pump System

OPERATORS MANUAL AND PARTS LIST

Model PF85 and PF85DX



The Guilper III

READ ALL INSTRUCTIONS BEFORE OPERATING

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

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IMPORTANT SAFETY PRECAUTIONS

WARNING! To reduce the risk of fire, electric shock, or injury

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



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

When using this floor pump, 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) 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 of Powr-Filte.
- 5) **DO NOT** handle plug or appliance with wet hands.
- 6) **DO NOT** pick up anything that is smoking or burning such as cigarettes, matches, or hot ashes.
- 7) **DO NOT** use to pick up hazardous chemicals.
- 8) Turn off all controls before unplugging.
- 9) **DO NOT** use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- 10) **DO NOT** use where oxygen or anesthetics are used.
- 11) Replace damaged or worn parts immediately with genuine original equipment parts to maintain safety.
- 12) This unit must be connected to a properly grounded outlet only.
- 13) If foam or liquid leaks from appliance, switch off immediately.

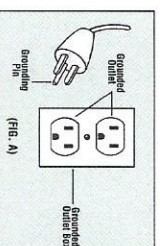
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GROUNDING INSTRUCTIONS

DANGER: Improper use of the grounding plug can result in a risk of electric shock.

This flood pump 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.

GROUNDING METHODS



This unit is for use on a nominal 120 volt circuit and has a grounded plug that looks like the plug illustrated in (Fig. A).

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.

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GENERAL INSTRUCTIONS

INSPECTION:

Carefully unpack and inspect the F-785DX 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. 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 from the front of the machine. Connect a standard garden hose to the discharge connector. Place the opposite end of the hose outside or to a drain that will handle large volumes of water.



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.

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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.

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.



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. Do not turn the vacuum motors on with the hose submerged in water. The vacuum motor must have airflow for proper use.

CAUTION: Never turn the pump on before unclogging 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.

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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. |

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