# Povr-Flite

## **OPERATOR'S MANUAL**

# WET/DRY VACUUM PF51



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

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#### SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

\*When using a wet/dry vacuum, basic precautions should be followed.
\*Read all instructions before using your vacuum.

#### IMPORTANT SAFETY ADVICE

#### READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

When using an electrical appliance, basic precautions should always be followed.

#### **! WARNING**

To reduce the risk of fire, electric shock of injury; only use dryer as described in this manual.

You must have training in the operation of this machine before using it. Read all instructions carefully before use.

- Keep children and unauthorized persons away from the machine when in use.
- Do not leave the machine plugged in when not in use.
- Switch the machine off before removing the plug from the outlet.
- When unplugging, pull the plug, not the cord.
- The machine must be unplugged prior to cleaning or servicing the machine.
- Keep the power cord clear of moving parts.
- Do not run the machine over the power cord.
- Do not operate the machine with a damaged power cord or plug, or if the machine malfunctions or is damaged in any way.
- Do not use where hazardous dust is present.
- Do not use in an explosive atmosphere.
- Do not use where flammable liquids or gasses are present.
- Do not use or pick up flammable chemicals or liquids with this machine.
- Take care when using the machine near the top of stairs to avoid overbalancing.
- Maintenance and repair must be done by authorized personnel only.
- Wear suitable footwear to avoid slipping.
- Do not operate this machine in bare feet or with open-toed shoes or sandals.
- Do not smoke when using the machine.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust bag and/or filters in place.
- Do not pull or carry by cord, use cord as a handle, close door on cord, or pull cord around sharp edges or corners.
- Keep cord away from heated surfaces. Store cord properly when not in use.

#### IMPORTANT SAFETY ADVICE

Store appliance on floor, indoors, away from heated surfaces. Do not pull or carry by cord, use cord as a handle, close door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces. Store cord properly when not in use.

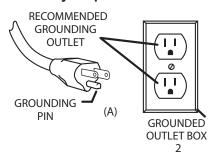
#### **IMPORTANT SAFETY ADVICE**

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

This appliance is for use on a nominal 120 volt circuit and has a ground plug (see illustration, below). Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance.

#### **!** 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.



#### DRY OPERATION OF THE VACUUM

The wet/dry vacuums are equipped with bypass motors. Install the cloth filter, and make sure the cartridge filter is also in place on the motor head. Place the motor head on the canister and snap down the hold-down clamps.

#### **WET OPERATION OF THE VACUUM**

The wet/dry vacuums are equipped with a bypass motor so that the working vacuum is separated from the cooling air flow. To pick up water, the cloth filter must be removed and the float cage assembly with cartridge filter must be in place, the motor head placed on the canister and the hold down clamps locked down. The safety float located in the protective wire frame in the tank stops the vacuum action of the motor head when the maximum recovery of liquids is reached.

#### IMPORTANT SAFETY ADVICE

**NOTE**: WHEN PICKING UP FLOOR STRIPPER WITH THESE UNITS IT IS NECESSARY TO USE ALL FILTERS. WHEN THE STRIPPER RECOVERY OPERATION IS COMPLETED, ALL FILTERS AND THE FLOAT CAGE MUST BE THOROUGHLY RINSED AND ALLOWED TO AIR DRY.

### WAND AND ATTACHMENT INSTRUCTIONS

#### To assemble the two piece wand:

- 1. Match the alignment ridges of the upper and lower wand sections.
- 2. Push the upper wand into the lower wand.

#### To assemble tools:

- 1. Slide the swivel cuff of the tool onto the tapered lower wand.
- 2. Turn swivel cuff 1/4 turn to tighten.

#### DRAINING

When the tank is full:

- 1. Unplug and turn OFF the unit.
- 2. Remove the top head.
- 3. Take out the filter with frame.
- 4. Grip the tank with one hand, lift the tank with the other hand and empty the tank into appropriate containers, according to the standard norms for the liquid disposal.

**NOTE:** When the water level in the tank exceeds the safety level, the safety devise will automatically block the inlet and motor sound will be changed, but power will remain ON. The power must be turned OFF before emptying the tank

#### **HOSE ATTACHMENTS INSTRUCTIONS**

The hose and swivel connector are pre-assembled at the factory.

To attach the swivel connector to the intake fitting of the canister:

- 1. Push the grooved cuff straight into the intake fitting.
- 2. To remove the hose, press the release button on top of the intake fitting while pulling the grooved cuff out.

#### MAINTENANCE AND SERVICING

- 1. To dismantle, un-clip both latches and remove top housing and filter with frame.
- 2. Wash the filter with water and allow it to dry.
- 3. After washing, remove excess water with a gentle squeegee.
- 4. Replace the filter and top housing and fasten the latches.

**NOTE:** This cleaner is designed with a powerful suction. Do not be alarmed if the motor noise increases when performing tougher cleaning work.



TROUBLESHOOTING GUIDE		
Trouble	Reason	Solution
Loss of Suction	1) Tank full	1) Empty tank
	2) Dry filter assembly clogged	2) Clean cloth filter
	3) Clogged hose or wand	3) Remove obstruction
		4) Replace tank
	4) Tank rim is dented	5) Contact manufacture or
	5) Loose or broken fan	service center
	6) Motor not working	Contact manufacture or service center
	7) Float not functioning	7) Check to see if float moves freely or tank is full
	8) Seal worn	8) Replace seal
	1) Broken switch	1) Contact manufacture or
Motor is not running	2) Defective power cord 3) Defective motor	service center 2) Contact manufacture or service center 3) Contact manufacture or service center
Dust blowing from unit	1) Cloth filter dirty	1) Clean cloth filter
	2) Cloth filter is torn	Replace filter     Install cloth filter when
		vacuuming very fine dust,
	3) Cloth filter is missing	chimney soot, or sheet rock
Water blowing from unit	1) Tank is full of liquid	1) Empty tank
	2) Sudsy or foamy liquid is being picked up	2) Add defoamer to tank
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For warranty information go to www.Powr-Flite.com
Povr-Fite  A Tacony Company  3101 Wichita Court • Fort Worth, TX 76140-1755  1-800-880-2913 • Fax: 1-817-551-0719