

# **Powr-Flite**<sup>®</sup>

## **OPERATOR'S MANUAL**

### **WET/DRY VACUUMS PF53, PF55, PF57**



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

**Save These Instructions**

MODEL	PF53	PF55	PF57
Tank	18 Gauge Stainless Steel	18 Gauge Stainless Steel	18 Gauge Stainless Steel
Motor	1200 Watts	1200 Watts	Dual 1200 Watts
CFM	114	114	192
Waterlift	100"	100"	80"
Tank Size	15	20	20
Power Cord	Pigtail with 30'	Pigtail with 30'	Pigtail with 30'
Primary Filter	Paper Pleated	Paper Pleated	Paper Pleated
Secondary Filter	Washable Cloth	Washable Cloth	Washable Cloth
Drain	Tip and Pour	Tip and Pour	Tip and Pour
Dolly	Heavy-Duty Ployethylene	Heavy-Duty Ployethylene	Heavy-Duty Ployethylene
Wheels	2-" Non-Scuff Rear, 2-3" swivel caster Front	2-" Non-Scuff Rear, 2-3" swivel caster Front	2-" Non-Scuff Rear, 2-3" swivel caster Front
Hose	1.5" x 10' With Swivel Connector/Cuff Lock	1.5" x 10' With Swivel Connector/Cuff Lock	1.5" x 10' With Swivel Connector/Cuff Lock
Tools	14" Rug, Dust, Crevice, and Squeegee	14" Rug, Dust, Crevice, and Squeegee	14" Rug, Dust, Crevice, and Squeegee
Weight	61 lbs.	72 lbs.	78 lbs.

## **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 or injury; only use unit as described in this manual.

You must have training in the operation of this machine before using it.

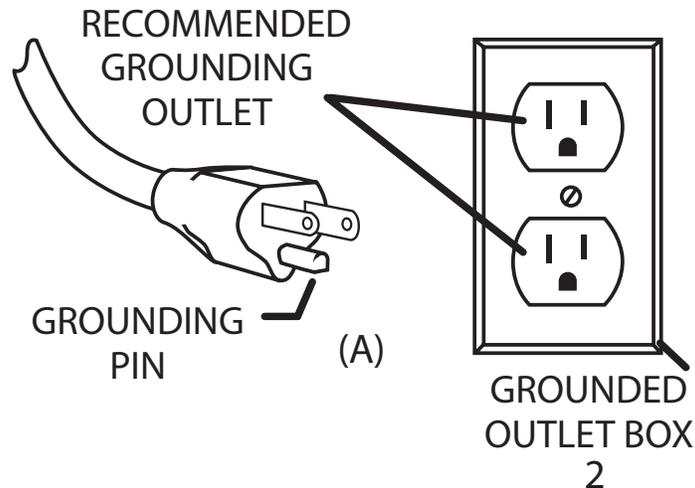
Read all instructions carefully before use.

- 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.

### **STORAGE INSTRUCTIONS**

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.

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 appliance 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 VACUUM**

The wet/dry vacuums are equipped with bypass motors. Install the cloth filter, place the motor head on the canister and snap down the hold-down clamps.

**WET OPERATION OF 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 dry filter must be removed and the float cage assembly 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 NOTE**

**NOTE: WHEN PICKING UP FLOOR SRTIPPER WITH THESE UNITS IT IS MECESSART TO USE ALL FILTERS. WHEN THE SRTIPPER 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:

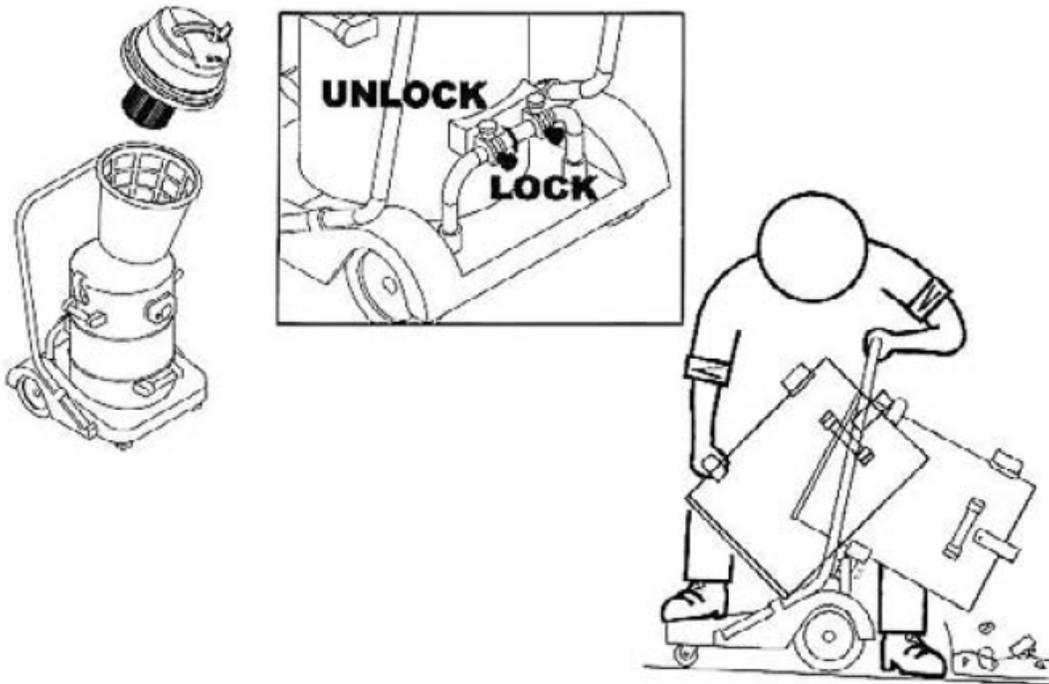
1. Slide the swivel cuff of the tool onto the tapered lower wand.
2. Turn swivel cuff 1/4 turn to tighten.

## DRAINING

When the tank is full, using the Tip and Pour mechanism to empty the tank.

1. Remove the top head.
2. Take out the filter with frame.
3. Unlock the knob.
4. Grip the handle with one hand, use one foot to brace the dolly and lift the handle by the other hand to empty the tank.

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

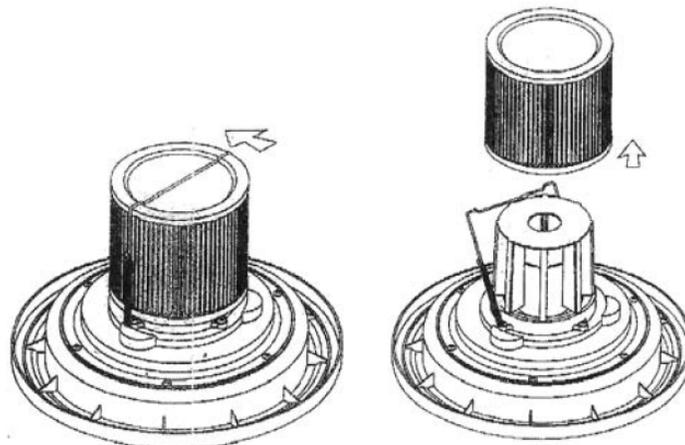


## REMOVE THE PAPER FILTER

The paper filter must be removed for wet recovery.

Push the metal ping counterclockwise to release the filter.

Remove the paper filter.



## HOSE ATTACHMENT INSTRUCTIONS

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

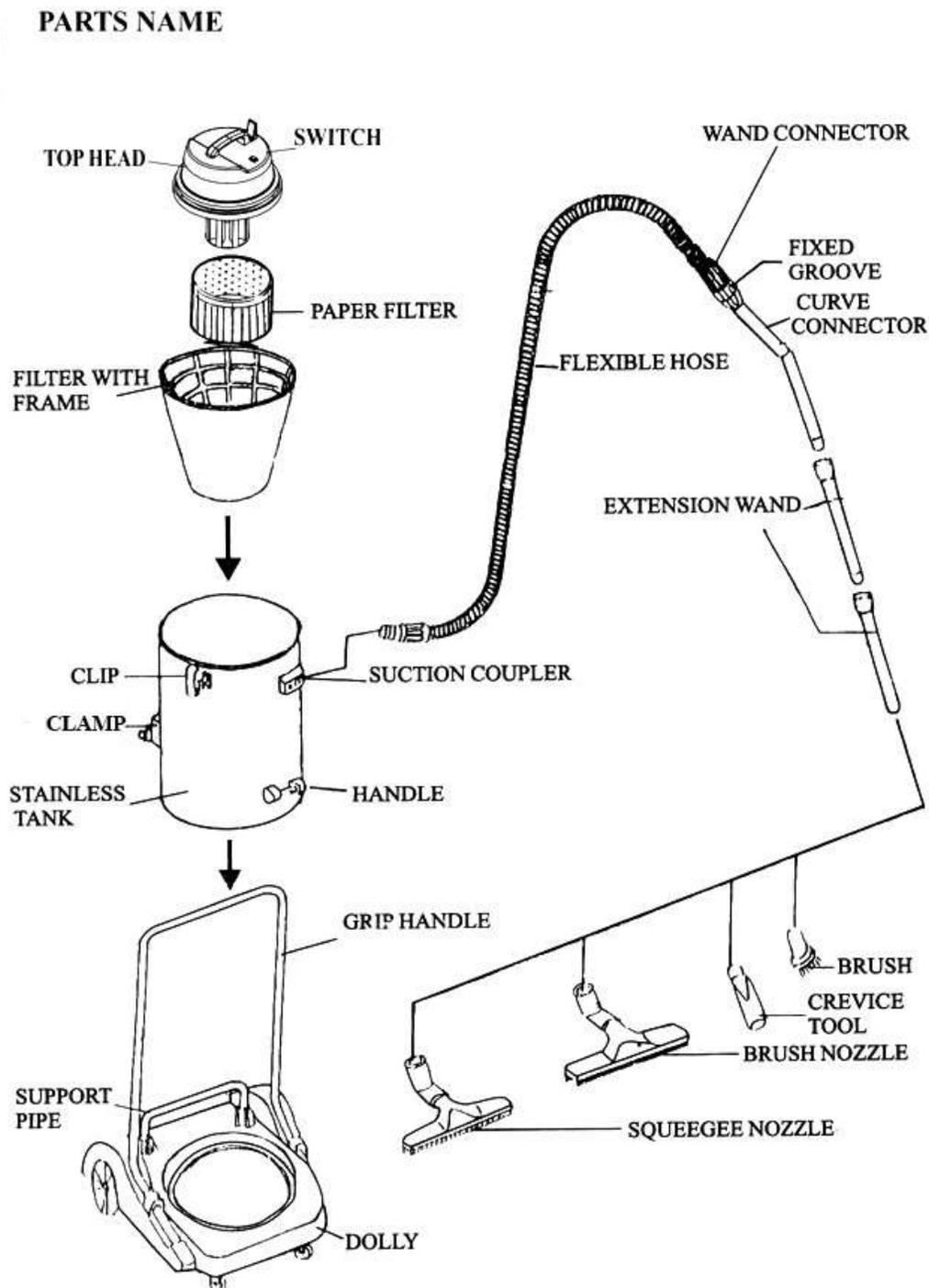
To attach the swivel connector to the intake fitting of the canister:

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

## MAINTENANCE AND SERVICING

1. To dismantle, unclip 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.



## **TROUBLE SHOOTING GUIDE**

### **Loss of Suction**

#### **CAUSE:**

- 1) Tank full.
- 2) Dry filter assembly clogged.
- 3) Clogged hose or wand.
- 4) Tank rim is dented.
- 5) Loose or broken fan.
- 6) Motor not working.
- 7) Float not functioning.
- 8) Seal worn.

#### **SOLUTION:**

- 1) Empty Tank
- 2) Clean cloth filter.
- 3) Remove obstruction.
- 4) Replace tank.
- 5) Contact manufacturer of service center.
- 6) Contact manufacturer or service center.
- 7) Check to see if float moves freely or tank is full.
- 8) Replace seal.

### **Motor is not running**

#### **CAUSE:**

- 1) Broken switch.
- 2) Defective power cord.
- 3) Defective motor.

#### **SOLUTION:**

- 1) Contact manufacturer or service center.
- 2) Contact manufacturer or service center.
- 3) Contact manufacturer or service center.

### **Dust blowing from unit when running**

#### **CAUSE: SOLUTION:**

- 1) Cloth filter dirty.
- 2) Cloth filter is torn.
- 3) Cloth filter is not installed.

- 1) Clean cloth filter.
- 2) Replace filter.
- 3) Install cloth filter, when vacuuming very fine dust, chimney soot or sheet rock.

### **Water blowing from unit when running**

#### **CAUSE:**

- 1) Tank is full of liquid.
- 2) Sudsy or foamy liquid is being picked up.

#### **SOLUTION:**

- 1) Empty tank.
- 2) Add defoamer to tank.

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

***Powr-Flite***<sup>®</sup>

A Tacony Company

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