Automatic Scrubber
PAS14G

Save These Instructions
1. Handle
2. Control panel
3. Lever for activating brush rotation and/or dispensing water
4. Handle adjusting lever
5. Recovery tank drain hose
6. Vacuum hose
7. Battery charger indicator
8. Battery charger lead
9. Squeegee
10. Wheels
11. Squeegee lifting pedal
12. Solution tank
13. Recovery tank
14. Pressure adjustment/Transport wheel
15. Brush
16. Brush guard
17. Brush Inclination adjustment knob
18. Solution tank filling opening
19. Recovery tank lid
1. Product Information
This commercial automatic scrubber is designed for the scrubbing/cleaning of hard floors in indoor areas.

Maintenance free (gel) batteries must be used. A battery life indicator allows the operator to check the degree of battery life available, and an on board battery charger provides convenient charging.

This machine must only be used for the manufacturer’s approved application. Using the machine for any other purpose will void the warranty. Do not use the machine where it is suspected that the floor contains health endangering dust or debris such as asbestos or chemical waste. If this is suspected do not proceed, contact your supervisor.

The following instructions contain important information about the machine and safety advice for the operator.

Equipment must be operated, serviced and maintained in accordance with the manufacturer’s instructions. If in doubt contact the supplier of your machine.

1.1 Important Safety Advice
When using electrical equipment basic safety precautions should be followed.
• Read all instructions carefully before use.
• Please note that the safety information described in the manual supplements and does not replace local, state, and federal regulations or those standards in force in the country in which the machine is used.
• This appliance is suitable for commercial use. For example in hotels, schools, hospitals, factories, shops, offices, rental businesses and other than normal housekeeping purposes.
• This machine is not intended for use by children or people with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the machine by a person responsible for their safety.
• Keep children and unauthorized persons away from the machine when in use.
• Before using the appliance, check that the main power supply voltage corresponds with the voltage shown on the rating plate.
• All parts are to be positioned as indicated in the instructions before using the machine.
• Do not operate the machine if it malfunctions or is damaged in any way. Contact an authorized service agent for repair or adjustment.
• Do not operate switches or touch the power cord plug with wet hands as this may cause electric shock.
• When unplugging pull on the plug, not the power cord.
• Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners.
• Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
• Keep cord away from heated surfaces.
• Do not use where hazardous dust is present.
• Do not use in an explosive atmosphere.
• Do not pick up oil or other flammable material.
• Do not operate the machine while plugged in.
• The battery charging lead must be inspected regularly for signs of damage. If the lead is damaged, it must be replaced by the manufacturer, its service agent or a similar qualified person in order to avoid a hazard.
• Replace the supply cord only with the type specified in the instruction manual.
• Do not charge the machine with a damaged battery charging lead or plug, or after the machine malfunctions or is damaged in any way. Contact an authorized Service Agent for repair or adjustment.
• Do not charge the machine with a damaged battery charging lead or plug, or after the machine malfunctions or is damaged in any way. Contact an authorized service agent for repair.
• When re-charging ensure the area is sufficiently ventilated.
• Take care when using a machine near the top of stairs to avoid overbalancing.

1.2 Non intended use of the machine

⚠️ WARNING
• Washing floors with water which is hotter than 122°F (50°C).
• Using diesel/gas or corrosive detergents to wash floors
• Washing and sucking up corrosive, flammable and/or explosive liquids, even if diluted.
1.3 General warnings about batteries

**WARNING** Use appropriate personal protection equipment to avoid contact with the skin (see standards in force in the country in which the machine is used).
- Do not inhale the vapour, it is dangerous.
- Do not smoke and/or use naked flames within 7 feet of the battery during charging, in the charging area and while the battery is cooling after charging.
- Report any liquid leaking from the battery. Leaks are dangerous and highly polluting.

**WARNING** In case of fire, use approved Class B or C dry chemical powder extinguishers only. Do NOT use water to put out the fire.

1.4 Guidelines for the operator

**WARNING** Operators must be fully trained in the use of the machine in accordance with these instructions, able to perform user maintenance and the correct selection of accessories.
- Operators should be physically capable to maneuver, transport and operate the machine.
- Operators should be able to recognize unusual operation of the machine and report any problems.
- Only use the machine on firm level surfaces, with no more than a 2% slope.
- Wear suitable footwear to avoid slipping.
- Wear suitable clothing to keep dry and warm.
- Where possible implement job rotation and adequate rest periods to avoid continuous use of the same muscles.
- Do not leave machine running unattended
- Do not smoke when using the machine.
- Do not put any objects into openings. Do not use with any opening blocked. Keep openings free of dust, debris, hair, or anything that may reduce air flow.
- Keep hands and feet well clear of rotating pads and brushes.

**CAUTION** - This machine is for indoor use only and should not be used or stored outdoors or in wet conditions.

**CAUTION** - If it is suspected that there is hazardous dust or flammable materials stop cleaning the area immediately and consult your supervisor.

**WARNING** Only use accessories and spare parts provided with the machine or those approved by the manufacturer. The use of other accessories may impair the safety of the machine and void the warranty.

**WARNING** The machine must be switched off before adding or changing accessories.

1.5 Transporting the machine

**CAUTION - THIS MACHINE IS HEAVY**
Do not attempt to lift the machine without mechanical assistance.

**CAUTION** – Incorrect lifting techniques may result in personal injury. Do not lift large and heavy machines without assistance. Please refer to the specifications page for details on weight of machine.

When transporting the machine, be sure that all components, tanks and removable parts are securely fastened, and that the battery charging cord and plug are not trailing. To move the machine to the work area, adjust the pressure adjustment/transport wheel to a higher position. This will allow easy movement to the work area. Alternately, lock handle and tilt backwards to raise the front off the floor, and wheel into position.

**CAUTION** – Bumping over thresholds, curbs and similar obstacles can damage the machine. Pull the machine backwards to go over small obstacles.

1.6 Symbols & Markings

In order to highlight information and procedures regarding safety, maintenance etc, the following symbols have been adopted in the manual:

**WARNING**

**GROUNDED SYMBOL**

1.7 Electrical connection

Before connecting the machine to the power supply, check that your supply voltage matches the rating on the machine label.

**IMPORTANT** - If the battery charging lead is damaged, it must only be replaced by an approved cord available from the manufacturer or an authorized service agent.
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 of 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 120-volt circuit, and has a grounding plug that looks like the plug illustrated in sketch A.

2. Preparing for use

2.1 Connecting the batteries

- Unscrew the bolts that fasten the tank to the handle support (Fig 1).
- Remove the recovery water tank (Fig 2).
- Connect the battery connectors (Fig 3 & 4).
- Replace the recovery water tank and screw into place.

2.2 Charging the batteries

WARNING

Make sure that the building power supply is equipped with GFI (circuit breaker).

WARNING Charge batteries in a well ventilated area which complies with local, state and federal regulations and with standards in force in the country of use.

WARNING Check that the building power supply matches the operating voltage of the battery charger (100 – 120V, 50/60Hz).

- Move the machine close to a electrical socket.
- Unwind the battery charging lead at the rear of the machine and connect to the outlet.
• Let the batteries charge until the “Green” LED comes on, then remove the plug and wind the battery charging around the cable holder (Fig 5).

NOTE: 10 hours are required for complete battery charge.
• IMPORTANT - Overcharging will damage the batteries. This will cause run time to be reduced and overall battery life will be affected. AVOID OVER CHARGING.

2.3 Adjusting the handle height
Select the most comfortable handle height using the adjustment lever (#6 on Fig 10) on the handle. Release the lever and lock in position.

2.4 Attaching the brushes and pads

WARNING – This appliance has been designed for use with quality brushes and pads only. The use of inappropriate brushes and pads may affect its performance and safety.

WARNING Be sure the machine is switched off before adding or changing accessories.

• The solution tank and recovery tank must be empty prior to changing brushes/pads.
• Ensure handle is in upright position and the squeegee is in the up position.
• Carefully lift the front of the machine to expose the clutch plate (Fig 6).

• Attach the brush/drive disc onto the clutch plate and rotate the brush/drive disc until secure (Fig 7).
• Return the machine in the upright position.

2.5 Filling the solution tank
WARNING Only add clean water to the tank at a temperature no greater than 122°F (50°C).
• Remove the foam filter from the solution tank opening.
• Connect one end of the filling hose to a faucet and insert the other end in the solution tank (Fig 8).
• Turn on the faucet and fill the tank.
• Pour the liquid detergent into the tank.

**IMPORTANT** - Only chemicals recommended by the appliance manufacturer should be used, i.e. non foaming. Follow the chemical manufacturer’s directions regarding use, handling and health and safety warnings.

**WARNING** If the chemical comes in contact with the eyes and/or skin or is swallowed, refer to the SDS information provided by the manufacturer of the chemical.

After the tank is filled, remove the filling hose and reinsert the filter into the tank opening.
• The tank capacity is 4.5 gal. Do not overfill the tank as spills may occur when in use.
• **IMPORTANT** - When the solution tank has emptied, switch off the machine and empty the recovery tank before refilling the solution tank.

3. Controls
The operating controls are located on the handle. (Fig 9). The icons adjacent to each switch identify the functions.

1 - LEDs Battery charge indicator
The LED lights will indicate the charging status.

- Green LED (1c) maximum.
- Yellow LED (1b) half
- Red LED (1c) minimum

When the battery is completely discharged, (Red LED (1a) of the battery charge indicator flashes for a few seconds. At this point the battery requires recharging.

2 – Vacuum motor switch
Used to switch the vacuum motor ON and OFF. Provides suction at the squeegee. Button is illuminated when in the ON position.

3 – Brush motor switch
Used to switch brush motor ON and OFF. To start the brush rotating, pull the lever on the right or left hand side of the handle 5 (Fig 10). Button is illuminated when in the ON position.

4 – Water dispensing button
The solution is controlled by pressing both switch 3 and by pulling the lever on the right or left hand side of the handle 5 (Fig 10). Button is illuminated when in the ON position.

5 – Brush rotating and/or water dispensing lever
Pulling and holding lever 5 will start the rotation of the brush. Cleaning solution will be dispensed if button 4 (Fig 9) is on. The left or right lever can be used. 5 (Fig 10).
6 - Handle adjustment lever
Used to adjust handle to any comfortable working height.

4. Operation

4.1 Checks before use
- Check that the drain hose tube of the recovery tank is properly coupled and sealed.
- Check that the squeegee vacuum hose is correctly coupled and inserted in the recovery tank (See Fig 11).
- Check that the hose and connector on the squeegee are not blocked and that the hose is connected correctly (Fig 12).
- Check the status of the battery charge by pressing brush switch 3. (Fig 9)
- Check that the water filter is clean and free of debris (Fig 13).

4.2 Preparing the machine and choosing the cycle
- Press the brush motor button (#3, Fig 9). The light illuminates.
- Using the squeegee lift pedal, lower the squeegee to the floor (Fig 14).

The machine can perform 4 working cycles:
- **Drying only cycle**
  Press button 2 (Fig 9) to start the vacuum.
- **Brushing only cycle**
  Pull and hold lever 5 (Fig 10). Releasing the lever stops the brush.
- **Washing, brushing cycle:**
  Press button 4 (Fig 9) to enable dispensing of solution. Press lever 5 (Fig 10) to release solution onto floor.
- **Washing, brushing, drying cycle**
  Press button 2 to start the vacuum, button 4 (Fig 9) to release solution and pull the lever 5 (Fig 10) to start the cycle.

The Fine Drive Adjustment Knob (Fig 15) is used to adjust the brush incidence to the floor. This allows the for correct contact on any surface.
4.3 Using the machine

**WARNING!** Never start the machine without a brush or pad attached.

- Set the handle at a comfortable working height.
- Start the machine and select the type of cycle. Start the cleaning operation by pressing the levers and holding them pressed to start rotation of the brush or pad and to dispense cleaning solution, then push the machine in a forward direction using handles on the handle bar.
- Releasing the lever stops the rotation of the brush and the dispensing of solution.

**WARNING** – to avoid damaging the floor DO NOT use the machine in a fixed position with the brush rotation activated. The machine must be moving while the brush is rotating.

**IMPORTANT** – the correct way of cleaning and drying the floor is to move the machine forward. Moving the machine backwards damages the squeegee blades and does not allow water to be vacuumed from the floor.

- If necessary, adjust the volume of solution using the tap (See pic 16).

- Check the status of the battery charge (see LEDs Battery charge indicator).
- Proceed to operate the machine in the normal manner, releasing cleaning solution from time to time as required.
- For heavy soil, scrub floor with cleaning solution but with vacuum motor OFF. Scrub floor again, picking up the solution.

**WARNING** - If foam or liquid is leaking, turn machine off immediately and empty recovery tank. Leaking liquid could be hazardous due to its temperature, or chemical content.

- To STOP the machine, release solution feed levers, switch off brush motor then vacuum motor.

**IMPORTANT!** If it is necessary to replace the brush or pad during cleaning please follow instructions in section 2.4.

5. Warnings while using the machine

- While using the machine, errors are indicated by flashing and lit LEDs

- LED 1 is flashing and LED 2 is constantly lit – Suction unit outlet over current.
- LED 1 is flashing and LED 3 is constantly lit – Brush unit outlet over current.
- LED 1 is flashing and LED 4 is constantly lit – Suction unit outlet open circuit.
- LED 1 is flashing and LED 5 is constantly lit – Brush unit outlet open circuit.
NOTE: When any of the above mentioned error signals are displayed, it is necessary to turn off the machine and then turn the machine back on again in order to clear the error and re-set the machine back to normal functioning.

5.1 When cleaning is finished
- Before turning off the machine, stop the dispensing of solution and the rotation of brushes by releasing levers. Continue with the vacuum ON to remove all of the liquid present on the floor. Then turn off the vacuum by pressing button 2. (Fig 9)
- Use the squeegee lift pedal to raise the squeegee.

WARNING – always lift up the squeegee at the end of the cleaning in order to prevent the deformation of the rubber blades.
- Remove brush or pad from machine and wash in warm soapy water.

5.2 Draining and cleaning the recovery tank
At the end of the cleaning cycle or when the recovery tank is full, it is necessary to empty the tank by proceeding as follows:
- IMPORTANT – To dispose of the solution in the recovery tank, comply with the local, state, and federal standards in force in the country in which the machine is being used.
- Position the machine near a drain outlet.
- Disconnect the drain hose from the support on the back of the machine.
- Remove the cap from the hose and drain all water from the tank (Fig 18).

Fig 18

WARNING! After each use, it is necessary to clean the recovery tank to prevent deposits or scaling and the growth of bacteria, odors or mold.
- Remove the cover, and clean the inside of the cover and the vacuum safety float with running water.
- Leaving the hose lowered and the cap off, run water through the upper opening, cleaning the inside of the tank until clean water comes out of the drain hose.
- Replace all components in reverse order.

5.3 Draining and cleaning the solution tank

WARNING! – After each use, it is necessary to drain and clean the solution tank to prevent deposits or scaling.
- Position the machine over a drain outlet.
- Turn the drain connector outwards (Fig 19).

Fig 19

Fig 18

- Unscrew the cap (Fig 19) and allow all the water to drain out.
- Wash the inside of the tank, leaving the drain cap open and adding clean water though the front opening.
- After cleaning, replace the cap.
- IMPORTANT – To dispose of unused cleaning solution, comply with the local, state, and federal standards in force in the country in which the machine is being used.

5.4 Cleaning the squeegee blades
To clean the squeegee correctly it is necessary to remove it as follows (Fig 20):

- Remove brush or pad from machine and wash in warm soapy water.
6.1 Prolonged machine standstill
- Drain any water contained in the tanks.
- Place the machine under cover, sheltered from atmospheric agents in a place where the temperature is between 40°F and 105°F (4°C and 40.5°C).
- Charge the batteries and, once they are charged, disconnect them from the charger. Refer back to section 2.1 and follow in reverse order.
- Charge the batteries once a month.

7. Maintenance
WARNING - Before making adjustments or performing maintenance, switch off the machine, unplug from the power supply and disconnect the non-grounded pole of the battery.
- Do not rest tools and metal objects on the batteries; danger of short circuits.
- Do not use harsh detergents, acid, lye etc. during cleaning and washing. Take particular care with electrical parts.
- Do not wash the machine with direct or pressurized jets of water.
- When the machine must be lifted for any maintenance operations, it is necessary to work safely by placing fixed supports underneath it.
- When the machine must be lifted for any maintenance operations, it is necessary to work safely by placing fixed supports underneath it.
- Contact an authorized support center for repairs and request ORIGINAL spare parts only.

The machine requires minimal maintenance apart from the following checks by a trained operator.
- Battery charge cord - Regularly inspect sheath and plug for damage or loose connections. Replace the supply cord only with the type specified in these instructions.
- Recovery tank – Check condition and clean tank
- Squeegee blades – Check condition and replace worn or damaged blades.
7.1 Replacing the squeegee rubber blades
(Fig 22).

When it becomes clear that drying the floor is difficult or traces of water remain on the floor, it is necessary to check the wear on the squeegee rubber blades (3):
• Remove the squeegee unit (1) as indicated in the “Cleaning the squeegee” section 5.4.
• Loosen the finned nuts (2) and remove the rubber blades (3).

NOTE:
When the rubber blades (3) are worn on one side, they may be turned over one time.
• Replace or turn over the rubber blades (3) without inverting them.
• Replace all the components in reverse order.

7.2 Squeegee set up (correct position)
(Fig. 23)
• Using the squeegee lift pedal, lower the squeegee.
• Start the vacuum and move forward several feet before stopping the suction unit and the machine.

NOTE:
It is possible to have two types of rubber blades. Para rubber blades for all types of floors and polyurethane rubber blades for mechanical workshop floors which are dirty with oil.

7.3 Changing the brush or pad drivers
(Fig 24)
• Lift the machine up slightly at the front
• To remove a brush/pad driver: grasp the brush/pad driver and rotate it sharply CW. To install a brush/pad driver, grasp the brush/pad driver and turn it sharply CCW onto the clutch. Make sure the lugs on the clutch plate fully engage the brush/pad driver.
7.4 Replacing the fuses (Fig 25)

**WARNING** Replace the blown fuse with one with the same amperage.

- Remove the squeegee lift pedal from the squeegee lift arm.
- Unscrew the two bolts (1) that fasten the external box (2) and remove it.
- Unscrew the two nuts (3) of the printed circuit board cover (4) and remove it.

Replace Fuse (5) (Fig 26) Green 30A

- Reverse steps above to replace components after fuse is replaced.

![Fig 25](image)

7.5 Operations to perform weekly

Cleaning the clean water filter (Fig. 27)

- Make sure that the solution tap is fully closed. Refer to Fig 16.
- Unscrew the transparent filter cover (1) and remove the filter (2).
- Clean the filter (2) in running water. If it is blocked, replace it.
- Replace all the components in reverse order.

**IMPORTANT** – All other servicing and repairs should only be performed by a Powr-Flite engineer or Authorized Service Agent.

**IMPORTANT** – Should the machine fail to operate please refer to the fault diagnosis section (10) in the back of this instruction manual. If the problem / remedy is not listed please contact Powr-Flite Technical Service Department.
8. Technical specification

Class I construction. Enclosure to IPX3.

<table>
<thead>
<tr>
<th>Model</th>
<th>Predator 14 Battery Scrubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging voltage AC (-) / Frequency V / Hz</td>
<td>100 – 120 / 50 – 60</td>
</tr>
<tr>
<td>Voltage DC V</td>
<td>24</td>
</tr>
<tr>
<td>Charging time hours</td>
<td>10</td>
</tr>
<tr>
<td>Run time hours</td>
<td>1 hour 20 minutes</td>
</tr>
<tr>
<td>Brush/cleaning width in</td>
<td>14</td>
</tr>
<tr>
<td>Drying width in</td>
<td>16</td>
</tr>
<tr>
<td>Brush pressure lbs</td>
<td>72</td>
</tr>
<tr>
<td>Brush speed rpm</td>
<td>130</td>
</tr>
<tr>
<td>Theoretical hourly working capacity ft²/ hour</td>
<td>10,300</td>
</tr>
<tr>
<td>Solution tank capacity gal</td>
<td>4.5</td>
</tr>
<tr>
<td>Recovery tank capacity gal</td>
<td>6.8</td>
</tr>
<tr>
<td>Brush motor rating W</td>
<td>260</td>
</tr>
<tr>
<td>Vacuum motor rating W</td>
<td>250</td>
</tr>
<tr>
<td>Air flow CFM</td>
<td>59</td>
</tr>
<tr>
<td>Vacuum in</td>
<td>28</td>
</tr>
<tr>
<td>Sound pressure level dB(A)</td>
<td>68</td>
</tr>
<tr>
<td>Handle vibration m²/5</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Size (L x W x H) in</td>
<td>35.4 x 15.75 x 43.3</td>
</tr>
<tr>
<td>Height (handle folded) in</td>
<td>35.4 x 15.75 x 29.5</td>
</tr>
<tr>
<td>Weight – with batteries lbs</td>
<td>167.6</td>
</tr>
<tr>
<td>Weight – without batteries lbs</td>
<td>125.7</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year</td>
</tr>
</tbody>
</table>

- Noise levels measured at a distance of 10 inches from machine and 5 feet above floor, when scrubbing a hard floor. Measurements recorded using a hand held meter.
- Handle vibration does not exceed 2.5 m²/5, when operating on any surface with brush or pads.

Measurements recorded by an independent test laboratory

9. Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Battery Scrubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard brush (black)</td>
<td>PB414</td>
<td>General purpose scrubbing</td>
</tr>
<tr>
<td>Pad Driver</td>
<td>414DP</td>
<td>For use with pads</td>
</tr>
<tr>
<td>Squeegee front &amp; rear blades PARA (1 pair of blades)</td>
<td>95.0048.00A</td>
<td>Wet pick up on all types of floor</td>
</tr>
<tr>
<td>Squeegee front &amp; rear blades PARA (5 pair of blades)</td>
<td>95.0049.00</td>
<td>Wet pick up on all types of floor</td>
</tr>
<tr>
<td>Squeegee front &amp; rear blades Anti-oil (1 pair of blades)</td>
<td>95.0050.00</td>
<td>Oil resistant squeegee blades</td>
</tr>
<tr>
<td>Squeegee front &amp; rear blades Anti-oil (5 pair of blades)</td>
<td>95.0051.00</td>
<td>Oil resistant squeegee blades</td>
</tr>
</tbody>
</table>

IMPORTANT: Genuine accessories are only available from Powr-Flite authorized Service Agents or Powr-Flite Customer Services Department
10. Fault diagnosis

**WARNING** - Before performing maintenance or making adjustments, switch off the machine and unplug from the electricity supply. In addition safely disconnect the non-grounded pole of the battery (or by equivalent method).

The following simple checks may be performed by the operator.

<table>
<thead>
<tr>
<th>Trouble</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The machine does not start up</td>
<td>Low battery</td>
<td>Check that the battery is charged</td>
</tr>
<tr>
<td></td>
<td>Main fuse blown</td>
<td>Replace the GREEN 30A main fuse</td>
</tr>
<tr>
<td>The brush does not rotate</td>
<td>Brush unit outlet overcurrent error or brush unit open circuit error</td>
<td>See paragraph ‘Warning signals while using the machine (Section 5)</td>
</tr>
<tr>
<td></td>
<td>Brush rotation button not pressed on handle controls</td>
<td>Press the button</td>
</tr>
<tr>
<td>Vacuum does not work</td>
<td>Suction unit outlet over current error or vacuum unit circuit error</td>
<td>See paragraph ‘Warning signals while using the machine (Section 5)</td>
</tr>
<tr>
<td></td>
<td>Vacuum button not pressed on handle controls</td>
<td>Press the button</td>
</tr>
<tr>
<td>The machine does not dry well, leaving traces of water</td>
<td>Vacuum off</td>
<td>Start the vacuum</td>
</tr>
<tr>
<td></td>
<td>Vacuum tube blocked</td>
<td>Check and if necessary clean the vacuum tube that connects the squeegee to the recovery tank</td>
</tr>
<tr>
<td></td>
<td>Squeegee rubbers not correctly set up</td>
<td>Correct squeegee position</td>
</tr>
<tr>
<td></td>
<td>Recovery tank full</td>
<td>Empty the recovery tank</td>
</tr>
<tr>
<td></td>
<td>Squeegee rubber blades worn</td>
<td>Replace or turn over the squeegee blades</td>
</tr>
<tr>
<td>No water comes out</td>
<td>Tank empty</td>
<td>Fill the tank</td>
</tr>
<tr>
<td></td>
<td>Solenoid valve button not pressed on handle controls</td>
<td>Press the button</td>
</tr>
<tr>
<td></td>
<td>Tap turned off</td>
<td>Turn on the tap located at the bottom of the machine</td>
</tr>
<tr>
<td></td>
<td>Filter blocked</td>
<td>Clean the filter</td>
</tr>
<tr>
<td></td>
<td>Solenoid valve does not work</td>
<td>Call Powr-Flite technical support</td>
</tr>
<tr>
<td>Insufficient floor cleaning</td>
<td>Unsuitable brushes or detergent</td>
<td>Use brushes or detergents which are suitable for the type of floor or dirt to be cleaned</td>
</tr>
<tr>
<td></td>
<td>Brush worn</td>
<td>Replace the brush</td>
</tr>
</tbody>
</table>

* If the fuse blows several times, the machine should be checked by an authorised Service Agent
Powr-Flite Warranty Statement
All Powr-Flite equipment has been tested and inspected at the factory and is guaranteed to be free from defects in material and workmanship for the duration described below. For full details, contact your authorized Powr-Flite Distributor, Service Center, or the Powr-Flite Technical Service Department.

5 Years - Tanks
2 years - Motors
1 Year - Parts/Labor

IMPORTANT WARRANTY CONDITIONS:
Warranty starts from the date of sale to the consumer or, at Powr-Flite’s discretion, six months after the dealer has purchased the unit from Powr-Flite, whichever comes first. All non-wear parts purchased after machine warranty expiration are warrantied for one year. Proof of purchase is required to process all claims. Powr-Flite sales and service representatives are not authorized to waive, alter, or increase the terms of this warranty.

Warranty DOES NOT cover the following:
• Routine wear and tear items such as brushes, filters, points, plugs, bulbs, switches, brooms, wheels/tires, casters, fuses, belts, hoses, and sheer pins/motor couplings.
• Damage that occurs during shipping. A claim should be filed directly with the carrier to collect damages.
• Unauthorized machine modifications or parts not purchased directly from Powr-Flite or an authorized reseller.
• Failure to properly inspect, maintain, operate, and store the machine. Misuse/abuse is determined at Powr-Flite’s sole discretion and examples include damage from pressure washing the machine, exposing the machine to rain, cold, or snow, and damage to the vacuum motor caused by failure to use defoamer.
• Cleaning and refinishing charges or machine downtime. Rentals and other replacement machines are not available from Powr-Flite during the repair period.