

Powr-Flite PS35E

Powr-Flite PS35E Commercial Spotter Instruction Manual

Model: PS35E

1. INTRODUCTION

The Powr-Flite PS35E Commercial Spotter is a portable, lightweight, and powerful machine designed for effective spot removal and touch-ups on carpets and upholstery. Its compact size makes it ideal for areas where larger extractors are impractical. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your PS35E spotter.



Figure 1: The Powr-Flite PS35E Commercial Spotter. This image shows the blue and black unit with its telescoping handle extended, and the clear spotter tool attached to the hose, ready for use.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this machine. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power cord and plug are in good condition before each use.
- Do not operate the machine in wet conditions or near standing water.
- Keep hands, feet, and loose clothing away from moving parts.
- Use only recommended cleaning solutions.
- Unplug the machine before performing any maintenance or cleaning.
- Do not allow children to operate the machine.

3. SETUP AND ASSEMBLY

1. **Unpacking:** Carefully remove the spotter and all accessories from the packaging. Inspect for any shipping damage.

2. **Handle Assembly:** Extend the aluminum telescoping handle to a comfortable operating height. Ensure it locks securely into place.
3. **Hose Connection:** Connect the solution and vacuum hose to the appropriate ports on the machine. Ensure connections are tight to prevent leaks and maintain vacuum suction. The hose is expandable from 2.5 to 10 feet.
4. **Fill Solution Tank:** Open the solution tank cap (typically located on the top or side of the blue tank). Fill the 3.5-gallon solution tank with water and the recommended carpet cleaning solution according to the solution manufacturer's instructions. Do not overfill.
5. **Recovery Tank:** Ensure the 2.5-gallon recovery tank is empty before starting operation.



Figure 2: Close-up view of the spotter tool and hose connection. This image highlights the clear spotter tool, the flexible black vacuum hose, and the solution line, demonstrating how they connect to the main unit.

4. OPERATING INSTRUCTIONS

1. **Prepare Area:** Vacuum the area to be cleaned to remove loose dirt and debris.
2. **Plug In:** Plug the power cord into a grounded electrical outlet.
3. **Turn On:** Locate the power switches for the vacuum motor and the pump. Turn both switches to the "ON" position. The vacuum motor is a 2-stage motor providing 89 inches of waterlift.
4. **Apply Solution:** Hold the spotter tool over the stained area. Press the trigger on the spotter tool to spray cleaning solution onto the spot.
5. **Extract:** Release the trigger and slowly pull the spotter tool across the wet area, allowing the vacuum to extract the dirty solution. Overlap passes slightly.
6. **Rinse (Optional):** For heavily soiled areas or to remove residual cleaning solution, you may repeat the process using only clean water in the solution tank.
7. **Monitor Recovery Tank:** Periodically check the recovery tank. If it becomes full, the vacuum suction will decrease. Empty the recovery tank as needed.
8. **Finish:** Once cleaning is complete, turn off both the pump and vacuum switches. Unplug the machine.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Powr-Flite PS35E spotter.

- **Empty Tanks:** After each use, empty both the solution and recovery tanks. Rinse them thoroughly with clean water.
- **Clean Hoses and Tools:** Flush the solution hose with clean water. Clean the spotter tool and vacuum hose to remove any debris or residue.
- **Check Filters:** Inspect any filters (if applicable) and clean or replace them as needed.
- **Cord Care:** Inspect the power cord for any damage. Wrap the cord neatly for storage.
- **Storage:** Store the machine in a clean, dry place, away from extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not turn on	No power, tripped circuit breaker, faulty switch	Check power cord and outlet. Reset circuit breaker. Contact service if switches are faulty.
No spray from tool	Empty solution tank, clogged spray tip, pump off	Fill solution tank. Clean spray tip. Ensure pump switch is ON.
Low or no vacuum suction	Full recovery tank, clogged hose/tool, loose hose connection, damaged vacuum seal	Empty recovery tank. Clear clogs. Tighten hose connections. Inspect seals.
Leaking	Loose hose connections, damaged seals or tank	Tighten all connections. Inspect and replace damaged seals or tanks.

7. SPECIFICATIONS

Model Number: PS35E

Solution Tank Capacity: 3.5 gallons

Recovery Tank Capacity: 2.5 gallons

Vacuum Motor: 2-stage

CFM: 104

Waterlift: 89 inches

PSI: 55 p.s.i.

Pump Type: Oscillating, UL Listed

Hoses: 2.5 to 10 foot vacuum/solution hose

Weight: 36 lbs.

Color: Blue

Manufacturer: Tacony

8. WARRANTY AND SUPPORT

The Powr-Flite PS35E Commercial Spotter comes with the following warranty:

- **Housing:** 5 years
- **Vacuum Motor:** 1 year
- **Pump:** 1 year
- **Workmanship:** 1 year

For technical support, parts, or warranty claims, please contact Powr-Flite customer service. Keep your purchase receipt and model number (PS35E) readily available when contacting support.

For more information, you may visit the official Powr-Flite website or refer to the contact details provided with your purchase.