Westinghouse ePX3100

Westinghouse ePX3100 Electric Pressure Washer User Manual

Model: ePX3100

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Westinghouse ePX3100 Electric Pressure Washer. Please read this manual thoroughly before operating the unit and retain it for future reference.
The Westinghouse ePX3100 is designed for various cleaning tasks around the home, offering 2300 Max PSI (at initial discharge) and 1.76 Max GPM (without nozzle at minimum pressure) for efficient cleaning of surfaces such as decks, driveways, garage floors, stairs, fencing, patio furniture, and vehicles.

2. Important Safety Information

WARNING: Keep out of the reach of children.
Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and personal injury. This includes, but is not limited to:

- Read all instructions before using the appliance.
- Do not operate the unit if any parts are damaged.
- Ensure all connections are secure before starting.
- Wear appropriate safety gear, including eye protection.
- Do not direct the spray at people, pets, or electrical devices.
- Always disconnect power before performing maintenance or cleaning.
- Use only approved accessories and replacement parts.

3. Product Overview and Components

The Westinghouse ePX3100 Electric Pressure Washer features a compact design with several key components for effective cleaning.

Figure 1: Main unit of the Westinghouse ePX3100 Electric Pressure Washer, showing the pressure washer, spray gun, wand, and the five quick-connect nozzles (0°, 15°, 25°, turbo, and soap applicator).

Key Features:

- **High Pressure Output:** 2300 Max PSI and 1.76 Max GPM for powerful cleaning.
- **Pro-Style Steel Wand:** Extendable 17.5” wand with quick-connect nozzles.
- **5 Nozzle Set:** Includes 0°, 15°, 25°, turbo, and soap applicator nozzles for versatile cleaning tasks.
- **Anti-Tipping Technology:** Four quick-lock wheels with 360° steering design and a low center of gravity for enhanced stability and maneuverability.
- **Compact and Lightweight:** At 16.5” tall and 19 pounds, it offers convenient storage and portability.
- **Onboard Soap Tank:** 20-ounce capacity for detergents and chemicals.
- **Total Stop System (TSS):** Automatically stops the pump when the trigger is not engaged, conserving energy and extending pump life.
- **25' Easy-Coil Hose:** Durable nylon braided hose for extended reach.

Figure 2: The pressure washer demonstrating its anti-tip design with 360° lockable wheels, allowing for easy movement across various terrains.

Figure 3: Close-up view of the built-in soap tank, illustrating how to add detergent for cleaning applications.

4. Setup and Assembly

Follow these steps to assemble and prepare your pressure washer for first use:

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all listed components are present.
2. **Attach Wheels:** Securely attach the four wheels to the base of the pressure washer. Ensure they click into place or are fastened according to the instructions.
3. **Connect High-Pressure Hose:** Connect one end of the high-pressure hose to the pressure washer's outlet and the other end to the spray gun. Hand-tighten securely.
4. **Assemble Spray Wand:** Attach the spray wand to the spray gun.
5. **Connect Garden Hose:** Connect your garden hose (not included) to the water inlet on the pressure washer. Ensure the garden hose is free of kinks and has a minimum diameter of 1/2 inch.
6. **Select Nozzle:** Choose the appropriate quick-connect nozzle for your task and insert it into the end of the spray wand until it clicks into place.
7. **Add Detergent (Optional):** If using detergent, fill the onboard soap tank with a pressure washer-safe cleaning solution.

Important: *Ensure a continuous water supply to the pressure washer before turning it on to prevent pump damage.*

5. Operating Instructions

5.1 Starting the Pressure Washer

1. **Connect Water Supply:** Turn on the water supply to the garden hose.
2. **Purge Air:** Squeeze the trigger on the spray gun to allow water to flow through the system, purging any air. Continue until a steady stream of water emerges.
3. **Connect Power:** Plug the power cord into a grounded electrical outlet.
4. **Turn On:** Switch the pressure washer to the "ON" position. The motor will start.
5. **Begin Cleaning:** Squeeze the trigger to start the high-pressure spray.

5.2 Nozzle Selection and Usage

The ePX3100 includes five quick-connect nozzles, each designed for specific applications:

Nozzle Color	Spray Pattern	Recommended Use
Red (0°)	Pencil Jet	Intense spot cleaning, removing stubborn stains. Use with extreme caution.
Yellow (15°)	Narrow Fan	Aggressive cleaning of small areas, paint stripping, rust removal.
Green (25°)	Medium Fan	General cleaning of most surfaces, driveways, patios, siding.
Black (Soap)	Low Pressure Fan	Applying detergent. Activates when soap tank is filled.
Turbo Nozzle	Rotating Jet	Combines the power of 0° with wider coverage for faster cleaning of tough areas.

Always test the spray on an inconspicuous area first to avoid damage.

Figure 4: Visual representation of the five quick-connect nozzles and their respective spray patterns for various cleaning applications.

5.3 Using Detergent

To use detergent with your pressure washer:

1. Fill the onboard soap tank with a pressure washer-safe detergent.
2. Attach the black (soap) nozzle to the spray wand.
3. The pressure washer will automatically draw detergent and apply it at low pressure.
4. After applying detergent, switch to a high-pressure nozzle (e.g., 25° green) and rinse the surface thoroughly.

5.4 Shutting Down

1. **Turn Off:** Switch the pressure washer to the "OFF" position.
2. **Disconnect Power:** Unplug the power cord from the electrical outlet.
3. **Turn Off Water:** Turn off the water supply to the garden hose.
4. **Relieve Pressure:** Squeeze the trigger on the spray gun to release any remaining water pressure in the system.
5. **Disconnect Hoses:** Disconnect the garden hose and high-pressure hose.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your pressure washer.

- **Clean Nozzles:** Regularly inspect and clean nozzles for blockages. Use the included nozzle cleaning tool if necessary.
- **Inspect Hoses:** Check high-pressure and garden hoses for kinks, cuts, or leaks before each use. Replace damaged hoses immediately.
- **Drain Water:** After each use, ensure all water is drained from the pump and hoses, especially before storing in freezing temperatures.
- **Store Properly:** Store the pressure washer in a dry, protected area. If storing in freezing conditions, use a pump protector/antifreeze solution.
- **Clean Unit:** Wipe down the exterior of the unit with a damp cloth.

7. Troubleshooting

Problem	Possible Cause	Solution
Unit does not start	No power, tripped circuit breaker, faulty switch.	Check power connection, reset circuit breaker, ensure switch is ON.
Low pressure	Insufficient water supply, clogged nozzle, air in pump, worn pump seals.	Ensure full water supply, clean nozzle, purge air from system, contact support if seals are suspected.
Pulsating pressure	Air in pump, restricted water flow, clogged nozzle.	Purge air, check water supply for kinks, clean nozzle.
Water leaks	Loose connections, damaged O-rings, cracked housing.	Tighten connections, replace O-rings, contact support for housing damage.
Detergent not siphoning	Soap tank empty, wrong nozzle selected, clogged detergent tube.	Fill soap tank, ensure black (soap) nozzle is attached, clean detergent tube.

8. Product Specifications

Feature	Detail
Model Number	ePX3100
Maximum Pressure	2300 PSI (at initial discharge)
Rated Pressure	1900 PSI
Maximum Flow Rate	1.76 GPM (without nozzle at minimum pressure)
Rated Flow Rate	1.2 GPM
Power Source	AC Electric
Hose Length	25 Feet
Detergent Tank Volume	20 Fluid Ounces
Product Dimensions (L x W x H)	14"L x 13.5"W x 16.5"H
Item Weight	19.8 pounds (approx. 9 Kilograms)
UPC	850011336229

9. Warranty and Support

The Westinghouse ePX3100 Electric Pressure Washer is backed by a 3-year limited service, labor, and parts coverage. This warranty ensures support for manufacturing defects and issues under normal use.
For customer service and support, please refer to the contact information provided with your product packaging or visit the official Westinghouse website. When contacting support, please have your model number (ePX3100) and proof of purchase readily available.
For additional resources and accessories, you may visit theWestinghouse Outdoor Power Equipment Store.