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AIVOLT PWX-4200s

AIVOLT Electric Pressure Washer PWX-4200s User Manual

Model: PWX-4200s

1. IMPORTANT SAFETY INFORMATION

Before operating the AIVOLT Electric Pressure Washer, please read and understand all safety warnings and instructions. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Eye Protection:** Always wear appropriate eye protection, such as safety goggles, when operating the pressure washer.
- **Keep Clear:** Never direct the spray at people, pets, or electrical devices. High-pressure spray can cause severe injury.
- **Electrical Safety:** Ensure the power cord is connected to a properly grounded outlet. The integrated GFCI (Ground Fault Circuit Interrupter) provides leakage protection. Do not operate if the GFCI trips repeatedly.
- **Water Supply:** Connect the pressure washer only to a cold water supply. Do not use hot water.
- **Trigger Safety System (TSS):** The auto-shutoff TSS protects the pump from dry-running damage. Do not bypass this feature.
- **Waterproof Rating:** The unit has an IPX5 waterproof body, preventing water ingress during normal operation.
- **Dual Safety Locks:** Utilize the trigger lock on the spray gun and the wheel brakes for secure operation, especially in households with children or pets.
- **Stable Operation:** The low center of gravity and square-frame design help prevent tipping on uneven surfaces. Always operate on a stable, level ground when possible.

2. PACKAGE CONTENTS

Verify that all items are present in the package before assembly and operation:

- AIVOLT Electric Pressure Washer Unit
- Spray Gun
- High-Pressure Hose (25 ft)
- Power Cord with GFCI (36 ft)

- Quick-Connect Nozzles:
 - 0° (Red) - Pinpoint Jet
 - 15° (Yellow) - High-Pressure Fan
 - 25° (Green) - General Wash Fan
 - 40° (White) - Wide Spray
- High-Pressure Foam Cannon
- Nozzle-Cleaning Brush
- Installation Toolkit

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of your AIVOLT Electric Pressure Washer.



Image: Overview of the AIVOLT Electric Pressure Washer with key components labeled, including the trigger, handle, lance, quick-connect nozzles, spray gun, water outlet, lockable wheels, power cord, start/stop switch, and water inlet.

- **Trigger:** Activates the water flow from the spray gun.
- **Handle:** Ergonomic grip for operating the spray gun.

- **Lance:** Extension connecting the spray gun to the nozzle.
- **Quick-Connect Nozzles:** Interchangeable nozzles for various spray patterns.
- **Spray Gun:** Controls water flow and pressure.
- **Water Outlet:** Connection point for the high-pressure hose.
- **Lockable Wheels:** Four 360° pivoting wheels for mobility and stability.
- **Power Cord:** Connects the unit to an electrical outlet.
- **Start/Stop Switch:** Powers the unit on and off.
- **Water Inlet:** Connection point for the garden hose water supply.

4. SETUP INSTRUCTIONS

Follow these steps to prepare your pressure washer for use:

1. **Unpack:** Remove all components from the packaging.
2. **Assembly:** Use the provided installation toolkit to assemble any necessary parts, such as attaching the handle or hose hooks if not pre-installed.
3. **Connect Water Supply:** Attach a standard garden hose (not included) to the water inlet on the pressure washer. Ensure the connection is tight to prevent leaks.
4. **Connect High-Pressure Hose:** Connect one end of the 25ft high-pressure hose to the water outlet on the pressure washer and the other end to the spray gun. Hand-tighten securely.
5. **Attach Nozzle:** Select the desired quick-connect nozzle (see Section 5 for guidance) and insert it into the end of the spray gun lance until it clicks into place.
6. **Connect Power:** Plug the 36ft power cord with GFCI into a grounded electrical outlet. Press the reset button on the GFCI plug if necessary.
7. **Bleed Air:** Before turning on the power, turn on the water supply to the garden hose. Squeeze the trigger on the spray gun to allow water to flow through the system and expel any trapped air. Continue until a steady stream of water emerges.

5. OPERATING INSTRUCTIONS

Once set up, follow these steps for effective and safe operation.

ELECTRIC PRESSURE WASHER

Portable and efficient cleaning machine for home use



4000PSI



2.6GPM



1650W



Image: A person using the AIVOLT Electric Pressure Washer to clean a patio, demonstrating typical usage.

1. **Start the Unit:** With the water supply on and air bled from the system, turn the Start/Stop switch on the pressure washer to the 'ON' position. The motor will start.
2. **Engage Spray:** Point the spray gun at the cleaning surface, ensuring a safe distance. Squeeze the trigger to begin spraying. The motor will run continuously while the trigger is pressed.
3. **Nozzle Selection and Application:**

Quick Connect Nozzles



Image: Visual guide to the four quick-connect nozzles (0°, 15°, 25°, 40°) and the high-pressure foam cannon, illustrating their spray patterns and recommended applications.

- **0° (Red) Pinpoint Jet:** Delivers a concentrated, high-impact stream for stubborn dirt, cracks, and hard surfaces. Use with extreme caution as it can damage surfaces.
 - **15° (Yellow) High-Pressure Fan:** Provides a powerful, narrow fan spray for intensive cleaning of concrete, brick, and other durable surfaces.
 - **25° (Green) General Wash Fan:** Offers a wider fan spray for general cleaning tasks on vehicles, pools, and patio furniture.
 - **40° (White) Wide Spray:** Produces the widest, gentlest spray, ideal for delicate surfaces like window glass and wooden fences.
 - **High-Pressure Foam Cannon:** Fill with appropriate pressure washer detergent. Connect to the spray gun for applying soap.
4. **Using the Foam Cannon:** Fill the foam cannon reservoir with pressure washer detergent. Attach it to the spray gun. The pressure washer will draw soap and mix it with water to create foam. After applying soap, remove the foam cannon and attach a rinse nozzle.
 5. **Cleaning Range:** The 25ft high-pressure hose and 36ft power cord provide ample reach for various outdoor cleaning tasks.

Enough Moving Space for Cleaning

25FT PRESSURE HOSE

36FT POWER CORD



Image: An aerial view showing a person cleaning a car with the pressure washer, illustrating the extensive reach provided by the 25ft hose and 36ft power cord.

6. **Anti-Tipping Design:** The unit's design with four 360° pivoting wheels ensures stable movement and prevents tipping, even on uneven ground.

Anti-Tipping Design

Compared with traditional pressure washer, it is more friendly to uneven ground



Image: A close-up view of the pressure washer's base, highlighting its anti-tipping design and 360-degree steering wheels for enhanced stability and maneuverability.

7. **Shutting Down:** When finished, release the trigger, turn the Start/Stop switch to 'OFF', turn off the water supply, and squeeze the trigger again to release any remaining pressure.

6. MAINTENANCE

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

- **Nozzle Cleaning:** Use the provided nozzle-cleaning brush to clear any blockages from the nozzle tips.
- **Water Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump.
- **Draining:** After each use, ensure all water is drained from the pump, hose, and spray gun, especially before storing in freezing temperatures.
- **Storage:** Store the pressure washer in a dry, protected area. The compact design (14"×13"×16.5") allows for easy storage. Utilize the cord reel for the power cable, rear-mounted hose hooks, and the left-side spray gun holder to keep accessories organized.

Compact and Convenient for Storage

Portable cleaning machine, friendly even for women and the elderly



Image: The AIVOLT pressure washer stored neatly under a shelf, demonstrating its compact footprint and integrated storage solutions for the power cord, hose, and spray gun.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Motor does not start	No power supply; GFCI tripped; Power switch off	Check power connection; Reset GFCI; Turn power switch to 'ON'
No pressure or low pressure	No water supply; Air in pump; Clogged nozzle; Kinked hose	Ensure water supply is on; Bleed air from system; Clean nozzle; Straighten hose
Water leakage	Loose connections; Damaged O-rings	Tighten all connections; Inspect and replace O-rings if damaged
Motor stops during operation	TSS activated (motor overheating or dry-running); GFCI tripped	Allow motor to cool; Ensure continuous water supply; Reset GFCI

8. SPECIFICATIONS

Key technical specifications for the AIVOLT Electric Pressure Washer PWX-4200s:

- **Model Number:** PWX-4200s
- **Operating Pressure:** 4000 PSI (stable), 5000 PSI (surge, lab-tested)
- **Motor:** 1650W, 8850 RPM
- **Water Flow Rate:** 1.76 GPM
- **Power Source:** AC
- **Power Cord Length:** 36 ft
- **High-Pressure Hose Length:** 25 ft
- **Product Dimensions:** 40.64 x 40.64 x 55.88 cm (14" x 13" x 16.5")
- **Item Weight:** 8.16 kg (18 Pounds)
- **Color:** Black + Orange
- **Manufacturer:** AiVolt Direct

9. WARRANTY AND SUPPORT

AIVOLT provides comprehensive after-sales support for your pressure washer:

- **Warranty:** 3-year after-sales service covering the cleaning machine and replaceable parts. This warranty excludes accidental damage or misuse.
- **Support:** Fast exchange and reissue support are available from the US warehouse. A professional after-sales team provides lifetime technical support.