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› A-iPower E2800-FM Electric Pressure Washer User Manual

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A-iPower E2800-FM Electric Pressure Washer User Manual

Model: E2800-FM

1. INTRODUCTION

Thank you for choosing the A-iPower E2800-FM Electric Pressure Washer. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your pressure washer. Please read this manual thoroughly before operating the unit and keep it for future reference.

The A-iPower E2800-FM is designed for various cleaning tasks around your home, including driveways, patios, vehicles, fences, and more. It delivers a maximum pressure of 2800 PSI and a flow rate of 1.7 GPM, offering powerful cleaning performance.



Image 1.1: The A-iPower E2800-FM Electric Pressure Washer with its compact design and nozzle storage.

2. IMPORTANT SAFETY INFORMATION

Always observe basic safety precautions when using this product to reduce the risk of injury, electric shock, or fire. Failure to follow these instructions may result in serious injury or property damage.

General Safety Warnings:

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the pressure washer.
- **Wear Eye Protection:** Always wear safety goggles or glasses with side shields.
- **Electrical Safety:** Do not operate the unit with a damaged cord or plug. Use only with a properly grounded outlet. Do not spray water directly on electrical outlets or the unit itself.
- **Water Connection:** Ensure the water supply hose is securely connected and free of leaks. Do not use hot water.
- **Keep Clear:** Keep children and pets away from the operating area. Never point the spray gun at people or animals.

- **Stable Surface:** Operate the pressure washer on a stable, level surface to prevent tipping.
- **Trigger Lock:** Always engage the trigger lock when the spray gun is not in use.

3. PRODUCT OVERVIEW

Key Features:

- **High Pressure Output:** Delivers 2800 max PSI (at initial discharge) and 2000 rated PSI with 1.7 GPM max flow for effective cleaning.
- **Compact and Portable:** Features 4 quick-lock wheels for 360° steering and an anti-tipping design. Weighs less than 19 lbs for easy transport and storage.
- **Versatile Nozzles:** Includes 5 quick-connect nozzles (0°, 15°, 25°, 40°, and turbo nozzle) for various cleaning tasks.
- **Soap Dispensing:** Integrated soap dispenser for applying detergents.
- **Extended Reach:** Equipped with a 35ft power cord and a 25ft high-pressure hose.
- **Total Stop System (TSS):** Automatically shuts off the pump when the trigger is not engaged, conserving energy and extending pump and motor life.

Components Included in Box:

The following items are typically included with your A-iPower E2800-FM pressure washer:

- Electric Pressure Washer Unit
- Spray Gun
- High-Pressure Hose (25 ft)
- Power Cord (35 ft)
- 5 Quick-Connect Nozzles (0°, 15°, 25°, 40°, Turbo)
- Soap Cannon/Dispenser
- Tool Kit
- User Manual/Quick-Start Guide

INCLUDED IN BOX



MANUAL/QUICK-START



SOAP CANNON



TOOL KIT



4-PIECE NOZZLES



SPRAY GUN



TURBO NOZZLE



HIGH PRESSURE HOSE



Image 3.1: Visual representation of items included in the product box.

4. SETUP AND ASSEMBLY

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

- 1. Unpack Components:** Remove all items from the packaging and ensure all parts listed in Section 3 are present.
- 2. Attach Wheels (if not pre-assembled):** Secure the quick-lock wheels to the base of the unit as per the quick-start guide.
- 3. Connect High-Pressure Hose:** Attach one end of the 25ft high-pressure hose to the pressure washer's outlet and the other end to the spray gun. Ensure connections are tight.
- 4. Connect Water Supply:** Connect a standard 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 5/8 inch. Turn on the water supply completely.
- 5. Purge Air from System:** Before connecting power, squeeze the spray gun trigger to allow water to flow through the system and expel any trapped air. Continue until a steady stream of water emerges from the nozzle.

6. **Connect Power:** Plug the 35ft power cord into a grounded 120V AC outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI).

5. OPERATING INSTRUCTIONS

Starting the Pressure Washer:

1. Ensure water supply is fully open and air is purged from the system.
2. Turn the ON/OFF switch on the unit to the 'ON' position. The motor will start.
3. Point the spray gun at the cleaning surface and squeeze the trigger to begin spraying.

Using Nozzles:

Select the appropriate quick-connect nozzle for your task. To change nozzles, pull back the collar on the spray gun wand, insert the desired nozzle, and release the collar to lock it in place. Always ensure the trigger lock is engaged before changing nozzles.

- **0° Red Nozzle:** Pin-point stream for intense cleaning of small, tough spots. Use with extreme caution.
- **15° Yellow Nozzle:** Narrow, powerful spray for stubborn stains on hard surfaces.
- **25° Green Nozzle:** Medium-angle spray for general cleaning of most surfaces.
- **40° White Nozzle:** Wide, gentle spray for delicate surfaces or large area rinsing.
- **Turbo Nozzle:** Rotates a 0° stream in a circular motion for faster cleaning of heavily soiled areas.

SUGGESTED USES

2800
PSI



Image 5.1: Examples of cleaning applications for the pressure washer, including windows, siding, and driveways.

Applying Detergent:

1. Fill the soap cannon/dispenser with pressure washer safe detergent.
2. Attach the soap cannon to the spray gun.
3. The pressure washer will automatically draw detergent when operating at low pressure (typically with the black soap nozzle, if included, or a wide-angle nozzle).
4. Apply detergent to the surface, allowing it to soak for a few minutes before rinsing.

Shutting Down:

1. Turn the ON/OFF switch to the 'OFF' position.
2. Turn off the water supply.
3. Squeeze the spray gun trigger to release any remaining pressure in the system.
4. Engage the trigger lock.

- Unplug the power cord from the outlet.

6. MAINTENANCE

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

After Each Use:

- Rinse Detergent System:** If using detergent, run clean water through the soap dispenser and spray gun to prevent clogging.
- Clean Nozzles:** Use the included nozzle cleaning tool to clear any debris from the nozzle openings.
- Inspect Hoses and Connections:** Check for any signs of wear, leaks, or damage. Replace damaged components immediately.
- Wipe Down Unit:** Clean the exterior of the pressure washer with a damp cloth.

Storage:

- Store the pressure washer in a dry, frost-free area.
- Disconnect all hoses and drain any remaining water from the pump, hoses, and spray gun to prevent freezing damage.
- Coil the high-pressure hose and power cord neatly.
- Store nozzles in their designated holders on the unit.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Motor does not start	Power cord not plugged in; GFCI tripped; ON/OFF switch off; No power at outlet.	Check power connection; Reset GFCI; Turn switch ON; Check outlet with another device.
Low pressure	Insufficient water supply; Clogged nozzle; Air in pump; Leaks in hose/connections.	Ensure full water flow; Clean nozzle; Purge air from system; Check for leaks and tighten connections.
Water leaks	Loose connections; Damaged O-rings/seals; Cracked hose.	Tighten all connections; Replace worn O-rings/seals; Replace damaged hose.
Detergent not siphoning	Detergent tank empty; Clogged detergent tube; Wrong nozzle used.	Refill tank; Clean tube; Use appropriate low-pressure/soap nozzle.

8. SPECIFICATIONS

Detailed technical specifications for the A-iPower E2800-FM Electric Pressure Washer:

- Brand:** A-iPower
- Model Number:** E2800-FM
- Power Source:** Electric (AC)
- Maximum Pressure:** 2800 PSI

- **Maximum Flow Rate:** 1.7 GPM
- **Rated Pressure:** 2000 PSI
- **Rated Flow Rate:** 1.2 GPM
- **Hose Length:** 25 Feet
- **Power Cord Length:** 35 Feet
- **Item Weight:** 18.2 Pounds
- **Product Dimensions (L x W x H):** 12.4" x 11" x 19.6"
- **Color:** Red



Image 8.1: Diagram showing the dimensions of the pressure washer.

9. WARRANTY AND SUPPORT

A-iPower provides a **2-year limited service warranty** for the E2800-FM Electric Pressure Washer. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or to order replacement parts, please contact A-iPower customer support. Refer to the contact information provided in the quick-start guide or on the official A-iPower website.

Online Resources: For additional support, FAQs, and product registration, visit the official A-iPower website.