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## Fieldmann FDW 201602-E

# FIELDMANN FDW 201602-E High-Pressure Washer User Manual

Model: FDW 201602-E

## INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your FIELDMANN FDW 201602-E High-Pressure Washer. Please read this manual thoroughly before using the appliance and keep it for future reference.

**Important Safety Information:** Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Ensure the appliance is used only with a suitable power supply and water source. Keep children and pets away from the operating area.

## PRODUCT OVERVIEW

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Image: The FIELDMANN FDW 201602-E High-Pressure Washer, featuring its compact design, hose, and nozzle. This image illustrates the overall appearance of the product.

The FIELDMANN FDW 201602-E is a powerful electric high-pressure washer designed for various cleaning tasks. It features a robust 1600W motor, delivering a maximum pressure of 130 bar and a flow rate of 420 liters per hour. Key components include a self-priming metal pump, a 5-meter high-pressure hose, a 5-meter power cable, an adjustable nozzle, and integrated wheels for a soap bottle.

## SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present and undamaged.
2. **Assembly:**
  - Attach the high-pressure hose to the washer's outlet and the spray gun. Ensure connections are secure to prevent leaks.
  - Connect the adjustable nozzle to the spray gun.
  - If applicable, attach any handles or wheels according to the diagrams in the full manual (not provided here).

## 2. Assembly:

- Attach the high-pressure hose to the washer's outlet and the spray gun. Ensure connections are secure to prevent leaks.
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### 3. Water Supply Connection:

- Connect a garden hose (not supplied) to the water inlet of the pressure washer.
- Ensure the water supply hose is free from kinks and has an adequate flow rate. The unit features a self-priming pump, but a steady water supply is crucial.
- Turn on the water supply fully before starting the pressure washer.

### 4. Power Supply Connection:

- Plug the 5-meter power cable into a grounded electrical outlet (220-240V, 50/60Hz).
- Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for safety.

## OPERATING INSTRUCTIONS

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### 1. Starting the Unit:

- With the water supply on and the unit connected to power, press the ON/OFF switch to the 'ON' position.
- Squeeze the trigger on the spray gun to release air from the system and allow water to flow through until a steady stream is achieved.

### 2. Adjusting Pressure and Nozzle:

- The FDW 201602-E features an adjustable nozzle. Rotate the nozzle head to change the spray pattern from a concentrated jet to a wider fan spray.
- Always test the spray pattern on an inconspicuous area first to avoid damaging the surface.

### 3. Using Detergent (Soap Bottle Wheels):

- Fill the integrated soap bottle with an appropriate pressure washer detergent.
- Attach the soap bottle to the designated inlet on the pressure washer (refer to product diagrams for exact location).
- Engage the detergent function (usually by selecting a low-pressure nozzle setting or a specific detergent nozzle, if provided).
- Apply detergent to the surface, allow it to soak, then rinse with high-pressure water.

### 4. Shutting Down:

- Turn the ON/OFF switch to the 'OFF' position.
- Turn off the water supply.
- Squeeze the trigger on the spray gun to release any remaining pressure in the system.
- Disconnect the power cable and water hose.

## MAINTENANCE

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- **Cleaning:** After each use, wipe down the exterior of the pressure washer with a damp cloth. Ensure no dirt or debris is blocking the air vents.
- **Nozzle Cleaning:** If the nozzle becomes clogged, use the provided nozzle cleaning tool (if included) or a thin wire to clear any obstructions.
- **Water Inlet Filter:** Regularly check and clean the water inlet filter to prevent debris from entering the pump.
- **Storage:**
  - Drain all water from the pump, hose, and spray gun before storing.
  - Store the pressure washer in a dry, frost-free environment.
  - Coil the high-pressure hose and power cable neatly.
- **Winterization:** In cold climates, it is crucial to protect the unit from freezing. Use a pump protector or antifreeze solution designed for pressure washers to prevent internal damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not start	No power supply; ON/OFF switch is off; GFCI tripped.	Check power connection; Ensure switch is ON; Reset GFCI.
Low or no pressure	Insufficient water supply; Clogged nozzle; Air in pump; Kinked hose.	Ensure water supply is fully open; Clean nozzle; Squeeze trigger to purge air; Straighten hose.
Water leaks	Loose connections; Damaged O-rings or seals.	Tighten all connections; Inspect and replace damaged O-rings/seals.
Motor stops during operation	Overheating; Voltage drop; Thermal overload activated.	Allow unit to cool down; Check power supply; Reduce usage time.

## SPECIFICATIONS

- **Model:** FDW 201602-E
- **Voltage/Frequency:** 220-240 V, 50/60 Hz
- **Max Power:** 1600 W
- **Max Pressure:** 130 bar
- **Flow Rate:** 420 liters per hour
- **Pump Type:** Metal, Self-priming
- **Power Cable Length:** 5 meters
- **High-Pressure Hose Length:** 5 meters
- **Nozzle Type:** Adjustable
- **Dimensions (L x W x H):** 35.3 x 32.2 x 50.7 cm
- **Weight:** 8.46 kg
- **Compliant Specifications:** CE, CSA

## WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please refer to the warranty card included with your product or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

**Manufacturer:** FIELDMANN

For further assistance, visit the official Fieldmann website or contact their customer service department.[www.fieldmann.com](http://www.fieldmann.com)