

## commowner CM4002

# Commowner Electric Pressure Washer CM4002 User Manual

Model: CM4002

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Commowner Electric Pressure Washer CM4002. Please read this manual thoroughly before using the product and retain it for future reference.

### Key Features

- **High Pressure Output:** Delivers up to 5000 PSI and 4.0 GPM for powerful cleaning.
- **Extended Reach:** Equipped with a 33-foot pressure hose featuring a standard M22-14mm female thread for broad compatibility.
- **Versatile Nozzles:** Includes 5 Quick Connect nozzles (0°, 15°, 25°, 40°, and soap) to suit various cleaning tasks.
- **Safety Features:** Incorporates a Total Stop System (TSS) that automatically shuts off the pump when the trigger is not engaged, and a safety lock on the spray gun to prevent accidental operation. Rated IPX5 waterproof.
- **Integrated Storage:** Convenient onboard storage for the spray gun, wand, nozzles, power cord, and pressure hose.
- **Detergent Tank:** Features a 500ml detergent tank for easy application of cleaning solutions.

## 2. SETUP INSTRUCTIONS

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Follow these steps to properly set up your pressure washer before initial use:

1. **Connect the Spray Gun and Wand:** Attach the spray wand to the spray gun. Ensure it is securely fastened.
2. **Connect Nozzle:** Select the appropriate Quick Connect nozzle for your task and insert it into the end of the spray wand until it clicks into place.
3. **Connect Pressure Hose:** Connect one end of the 33-foot pressure hose to the spray gun and the other end to the pressure washer's water outlet. Tighten connections firmly.
4. **Connect Water Supply:** Attach a garden hose (not included) to the water inlet of the pressure washer. Ensure the water supply is turned on fully.

5. **Bleed Air from Pump:** Before powering on, squeeze the trigger of the spray gun to allow water to flow through the system and expel any trapped air. Continue until a steady stream of water emerges.
6. **Power Connection:** Plug the 20-foot power cord into a grounded electrical outlet.



Figure 2.1: Assembly steps for the Commowner Electric Pressure Washer.



Figure 2.2: Overview of pressure washer components and connections.

### 3. OPERATING INSTRUCTIONS

#### Starting the Pressure Washer

1. Ensure all connections are secure and the water supply is open.
2. Turn on the pressure washer using the main power switch.
3. Release the safety lock on the spray gun.
4. Squeeze the trigger to begin spraying. The Total Stop System (TSS) will activate, turning the pump on when the trigger is squeezed and off when released.

#### Nozzle Selection and Application

The pressure washer comes with 5 Quick Connect nozzles, each designed for specific cleaning tasks:

- **0° Red Nozzle:** For caked stains in cracks and tough, concentrated cleaning. Use with extreme caution.
- **15° Yellow Nozzle:** For driveways and hard surfaces, providing a powerful, narrow spray.

- **25° Green Nozzle:** For decks and wooden surfaces, offering a wider, less aggressive spray.
- **40° White Nozzle:** For vehicles and windows, providing a gentle, wide spray for delicate surfaces.
- **Black Soap Nozzle:** For car washing and general detergent application.

## 5 Quick Connect Nozzles



Figure 3.1: Quick Connect Nozzle types and their applications.

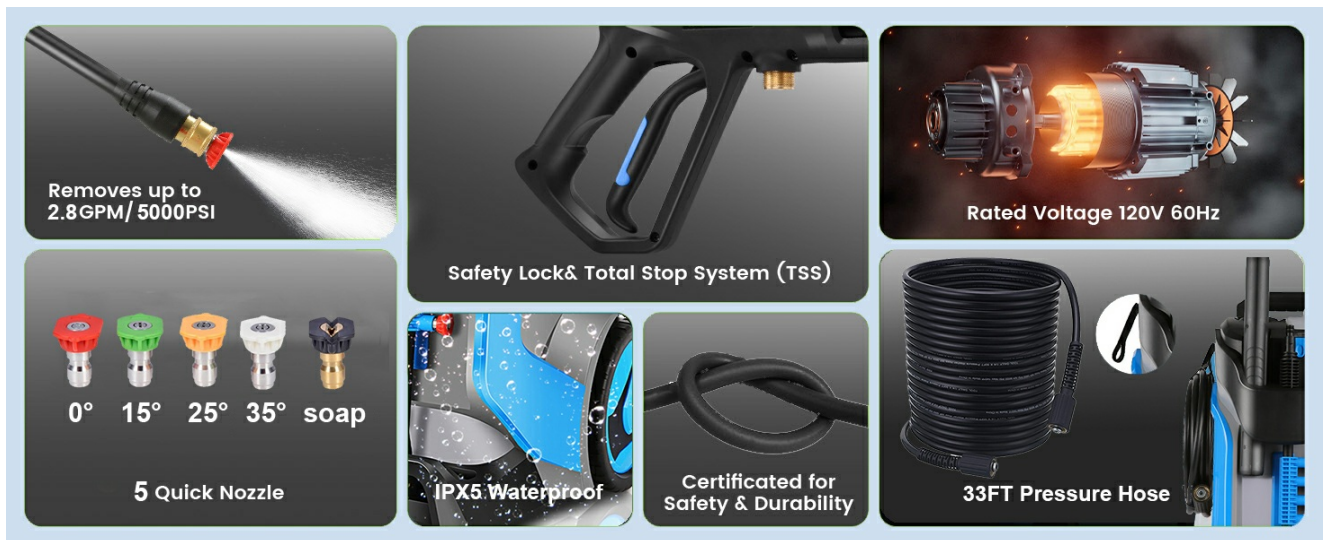


Figure 3.2: Pressure washing a concrete path.

## Using the Detergent Tank

To apply detergent, fill the 500ml detergent tank with an appropriate pressure washer-safe cleaning solution. Attach the black soap nozzle to the spray wand. The pressure washer will automatically draw detergent when the soap nozzle is in use.



## Built-in Soap Tank

Make cleaning much easier as you can move your pressure washer around without worrying about moving a bucket. (Make sure to use a black nozzle)

Figure 3.3: Applying soap with the built-in detergent tank.

### Safety Features

- **Total Stop System (TSS):** This system automatically shuts off the pump when the trigger is released, saving energy and extending the life of the pump. The pump restarts when the trigger is squeezed again.
- **Safety Lock:** The spray gun features a safety lock to prevent accidental spraying when not in use. Always engage the safety lock when pausing operation or storing the unit.
- **IPX5 Waterproof Rating:** Ensures protection against water jets from any direction, enhancing safety during use.

# Professional & Upgrade Safe Design

**IPX5 Water Proof**



**Total Stop System**

**Safety Lock**



Figure 3.4: Professional and upgraded safety design features.

## Versatile Applications

The Commowner Electric Pressure Washer is suitable for a wide range of cleaning tasks:

- Cleaning cars, trucks, and other vehicles.
- Washing driveways, patios, and concrete surfaces.
- Cleaning outdoor furniture, decks, and fences.
- Removing grime from windows and siding.
- Compatible with various 1/4" Quick Connect accessories like turbo nozzles, surface cleaners, undercarriage cleaners, and extension wands (accessories not included).

# 1/4" Quick Connect adds fun to expandability

\*The following accessories are not included with this product.



**Turbo Nozzle**



**Surface Cleaner**



**Under Carriage**



**Extension Wand**

Figure 3.5: Expandability with 1/4" Quick Connect accessories.

## 4. MAINTENANCE

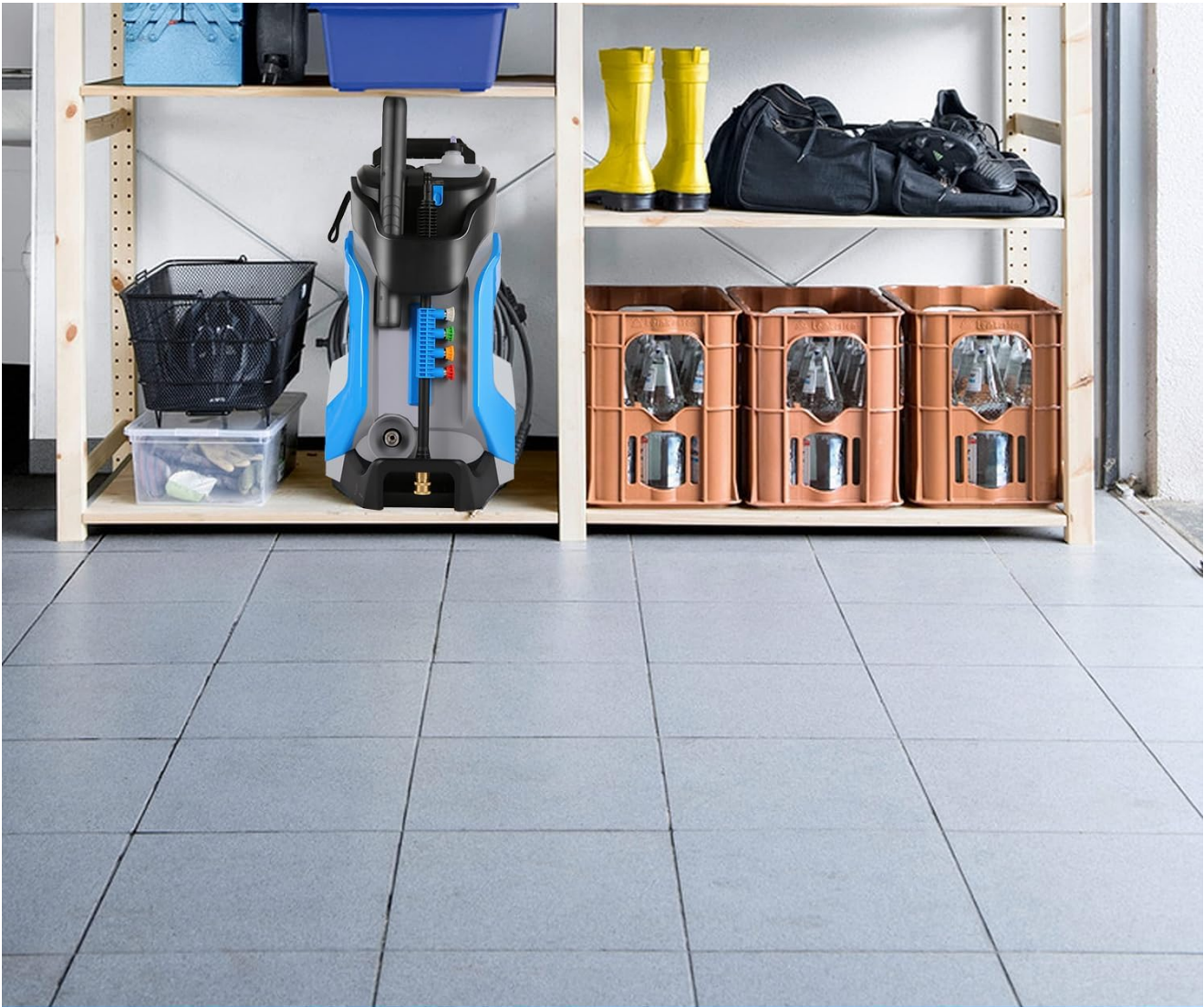
Regular maintenance ensures optimal performance and extends the life of your pressure washer.

### After Each Use

- Turn off the water supply and power to the unit.
- Squeeze the spray gun trigger to release any remaining pressure in the system.
- Disconnect all hoses and accessories.
- Drain any remaining water from the pump and hoses to prevent freezing damage.
- Clean the nozzles and spray wand with the included cleaning pin to remove any blockages.
- Wipe down the exterior of the unit with a damp cloth.

### Storage

Store the pressure washer in a dry, frost-free area. Utilize the integrated storage features for the power cord, pressure hose, spray gun, and nozzles to keep all components organized and protected.



## Integrated Storage and Compact Design

Figure 4.1: Integrated storage for compact design.

### 5. TROUBLESHOOTING

If you encounter issues with your pressure washer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Motor does not start	No power supply; Power cord not plugged in; Circuit breaker tripped.	Check power connection; Reset circuit breaker.
Low pressure	Insufficient water supply; Air in pump; Clogged nozzle; Incorrect nozzle selected.	Ensure full water flow; Bleed air from pump; Clean nozzle with pin; Select appropriate nozzle.
Water leaks	Loose connections; Damaged O-rings.	Tighten all connections; Replace damaged O-rings.
Detergent not dispensing	Detergent tank empty; Soap nozzle not attached; Clogged detergent line.	Refill detergent tank; Attach black soap nozzle; Clean detergent line.

## 6. TECHNICAL SPECIFICATIONS

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**Brand:**

commowner

**Model Number:**

CM4002

**Power Source:**

AC

**Maximum Pressure:**

5000 PSI (Pound per Square Inch)

**Maximum Flow Rate:**

4 GPM (Gallons Per Minute)

**Hose Length:**

33 Feet

**Item Weight:**

26 Pounds

**Product Dimensions (L x W x H):**

14" x 12" x 23"

**Waterproof Rating:**

IPX5

**UPC:**

850081763208

Note: The machine's pressure rating is the maximum value obtained through testing in a controlled laboratory environment without any external influencing factors. In actual use, factors such as faucet location, hose length, and nozzle type may cause variations.

## 7. WARRANTY AND CUSTOMER SUPPORT

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Your Commowner Electric Pressure Washer comes with a **2-Year Warranty**. This warranty covers defects in materials and workmanship under normal use.

For any concerns, technical support, or to replace a defective unit, please reach out to our customer service team:

- **Email:** [support@electricpressurewasher.online](mailto:support@electricpressurewasher.online)
- **Availability:** 24/7 Tech Support

We offer a 30-day risk-free return and replacement policy.