

Comet KRS 1300

Comet KRS 1300 Electric Motor High-Pressure Washer Instruction Manual

Model: KRS 1300

1. INTRODUCTION

Thank you for choosing the Comet KRS 1300 Electric Motor High-Pressure Washer. This cold water pressure washer is designed for efficient cleaning tasks around your home. It features a high-efficiency universal motor with thermal protection, a three-piston axial pump with an aluminum head, and an ergonomic handle for comfortable use. The integrated Total Stop system enhances safety and extends the life of the pump. Please read this manual carefully before operating the unit to ensure safe and optimal performance.

2. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main parts and standard equipment of your Comet KRS 1300 pressure washer.



Figure 1: Main components of the Comet KRS 1300 pressure washer. Key features include the ergonomic handle with lance and gun storage, integrated detergent tank, frontal coupling for water mains connection, and practical wheels for easy movement.

Standard Equipment:



Figure 2: Standard accessories for the Comet KRS 1300. These include various nozzles and cleaning tools.

- **Gun with protection:** For safe and controlled water jet application.
- **Lance with nozzle plug:** Connects to the gun for extended reach and nozzle attachment.
- **Regulating nozzle:** Allows adjustment of the spray pattern and pressure.
- **Rotating nozzle:** Provides a powerful, rotating jet for stubborn dirt.
- **Foam nozzle:** For applying detergent as a foam.
- **Delivery hose (8 meters):** High-pressure hose connecting the unit to the gun.
- **Fixed brush:** For scrubbing surfaces while applying water.

3. SETUP

1. **Positioning:** Place the pressure washer on a stable, level surface. Ensure adequate ventilation and keep it away from heat sources.
2. **Water Supply Connection:** Connect a garden hose (not supplied) to the frontal coupling on the pressure washer. Ensure the water supply is clean and free of debris. The water inlet pressure should be between 0.1 MPa (1 bar) and 1 MPa (10 bar).
3. **High-Pressure Hose and Gun Assembly:**
 - Connect one end of the 8-meter high-pressure delivery hose to the high-pressure outlet on the unit.
 - Connect the other end of the high-pressure hose to the gun.
 - Attach the desired lance and nozzle (e.g., regulating nozzle, rotating nozzle) to the gun.
4. **Detergent Tank (Optional):** If using detergent, fill the integrated detergent tank with an appropriate pressure washer detergent. Ensure the detergent is suitable for the surface you intend to clean.
5. **Power Connection:** Plug the power cable into a suitable grounded electrical outlet. Ensure the voltage matches the specifications of the unit (230V, 50Hz).

4. OPERATING INSTRUCTIONS

1. **Prepare for Operation:**
 - Ensure all connections (water, high-pressure hose, power) are secure.
 - Open the water tap completely.
 - Before turning on the unit, press the trigger on the gun to purge air from the system until a steady stream of water emerges. This protects the pump.
2. **Starting the Unit:** Turn the ON/OFF switch to the "ON" position. The motor will start.
3. **Using the Pressure Washer:**
 - Point the gun at the surface to be cleaned, keeping a safe distance.
 - Release the safety lock on the gun handle and press the trigger to start the high-pressure jet.
 - The unit features a **Total Stop System**: The motor will automatically stop when the trigger is released and restart when the trigger is pressed again. This reduces wear and saves energy.
4. **Changing Nozzles:** Different nozzles provide different spray patterns and pressures.
 - Always turn off the pressure washer and release residual pressure by pressing the trigger before changing nozzles.
 - Attach the desired nozzle (regulating, rotating, foam) to the lance.
5. **Applying Detergent:**
 - Ensure the detergent tank is filled.
 - Attach the foam nozzle or adjust the regulating nozzle to the detergent application setting (if applicable).
 - The pressure washer will draw detergent from the tank and mix it with water at low pressure.
 - After applying detergent, switch back to a high-pressure nozzle to rinse the surface thoroughly.
6. **Shutting Down:**
 - Turn the ON/OFF switch to the "OFF" position.
 - Close the water tap.
 - Press the gun trigger to release any remaining pressure in the system.
 - Disconnect the power cable and water hose.

5. MAINTENANCE

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

• **After Each Use:**

- Drain all water from the pump, hoses, and accessories to prevent freezing damage, especially in cold climates.
- Clean the nozzles to prevent blockages. Use the provided nozzle cleaning tool if necessary.
- Rinse the detergent tank thoroughly if detergent was used.
- Wipe down the exterior of the unit with a damp cloth.

• **Storage:**

- Store the pressure washer in a dry, frost-free environment.
- Coil the high-pressure hose neatly and store the gun and lance in their designated holders on the unit.
- Protect the unit from dust and dirt.

- **Water Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump.

6. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not start	No power supply; Thermal overload protection activated.	Check power connection and outlet; Allow motor to cool down (approx. 30 minutes) if it overheated.
No or low pressure	Water supply off or restricted; Air in the pump; Clogged nozzle; Kinked high-pressure hose.	Open water tap fully; Purge air from system (see Operating Instructions); Clean or replace nozzle; Straighten hose.
Water leaks from connections	Loose connections; Damaged O-rings.	Tighten all connections; Inspect and replace damaged O-rings.
Detergent not dispensing	Detergent tank empty; Nozzle not set for detergent application; Clogged detergent intake.	Refill detergent tank; Ensure correct nozzle/setting is used; Clean detergent intake.

7. SPECIFICATIONS

Technical data for the Comet KRS 1300 Electric Motor High-Pressure Washer.



Figure 3: Detailed technical specifications for the Comet KRS 1300.

Feature	Specification
Model	KRS 1300 Extra
Pump Type	PT 03 Brush (Three-piston axial pump with aluminum head)
Power Supply (Ph/V/Hz)	1 / 230 / 50

Feature	Specification
Max Pressure (bar/MPa)	150 / 15
Flow Rate (l/h)	500
Power (kW)	2.35
Detergent Tank Volume (Litres)	0.7
Weight (kg)	9.5 (Unit) / 10.27 (Shipping)
Dimensions (L x W x H cm)	33 x 28 x 84 (Unit) / 57.6 x 39.1 x 32.7 (Package)
Motor Type	Universal electric motor with thermal protection
Wheels	Plastic, Ø 17.5 cm, with rubber coating
System	Total Stop System

8. WARRANTY AND SUPPORT

Specific warranty details are not provided in the product information. For warranty claims, technical support, or spare parts inquiries, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Comet

ASIN: B085L7Y9ML