

Kärcher 1.676-109.0

Kärcher K3 Power Control Pressure Washer User Manual

Model: 1.676-109.0

1. INTRODUCTION

The Kärcher K3 Power Control electric pressure washer is designed for effective cleaning of various surfaces. It features a powerful motor, adjustable spray wands, and an integrated detergent tank for efficient operation. This manual provides essential information for safe and proper use, setup, maintenance, and troubleshooting of your pressure washer.

2. SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead and Diisononyl phthalate (DINP), which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

- Always wear appropriate personal protective equipment (PPE), including eye protection and gloves, when operating the pressure washer.
- Ensure all connections are secure before starting the unit to prevent leaks and maintain pressure.
- Do not direct the spray at people, pets, or electrical components.
- Keep children and pets away from the operating area.
- Disconnect the power supply before performing any maintenance or cleaning.
- Use only Kärcher approved accessories and detergents.

3. PACKAGE CONTENTS

Verify that all components are present before assembly:

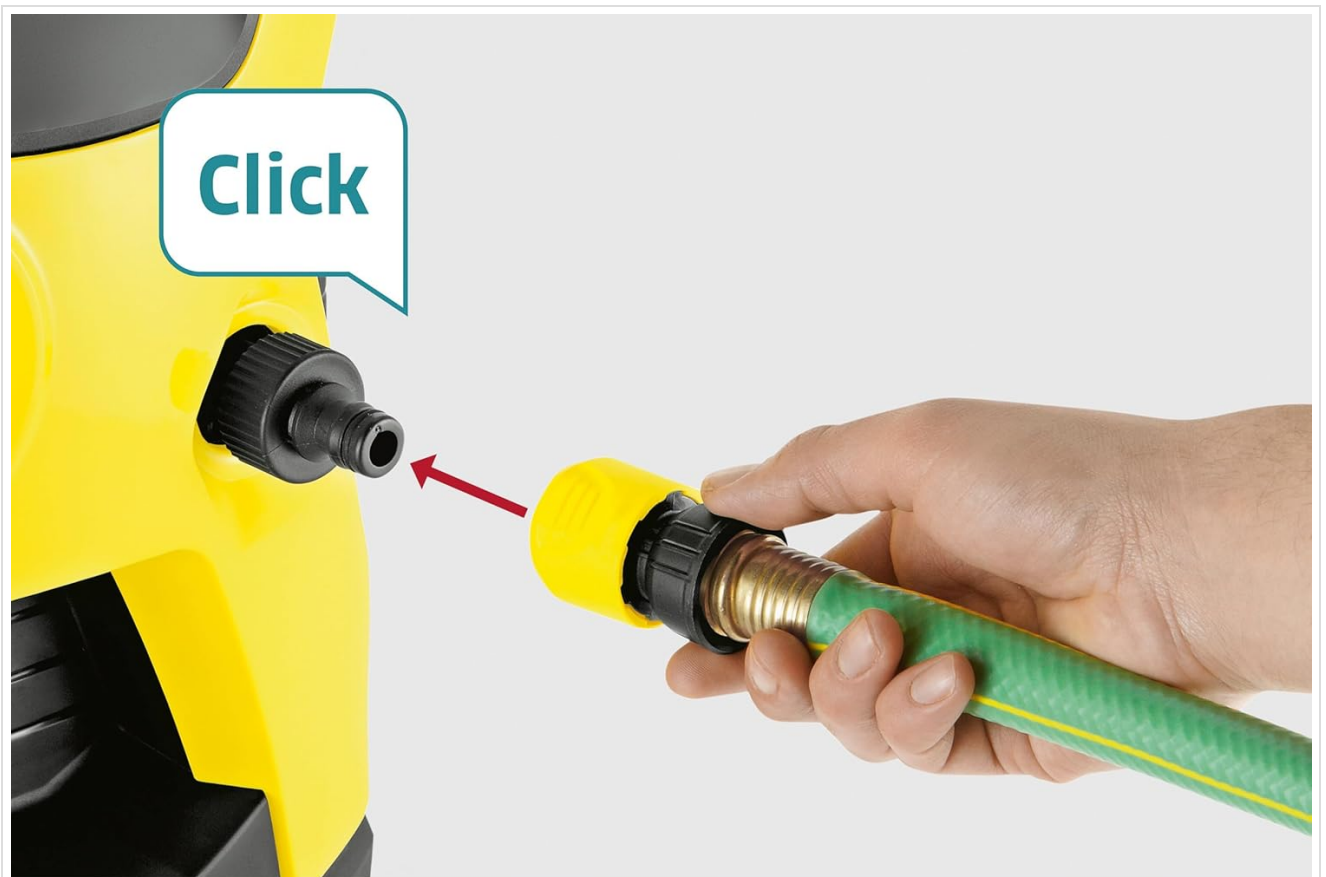
- Kärcher K3 Power Control Pressure Washer Unit
- Power Control Spray Gun with LED display
- Vario Power Spray Wand
- DirtBlaster Spray Wand
- 26 ft. Kink-Resistant High-Pressure Hose
- Integrated Detergent Tank (24 oz.)
- Power Cord



Figure 3.1: Kärcher K3 Power Control Pressure Washer with included accessories: main unit, high-pressure hose, Vario Power spray wand, and DirtBlaster spray wand.

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handle Assembly:** Extend the telescopic handle for comfortable use and transport.



HOSE CONNECTION

Yellow connects to your pressure washer, black connects to the hose.

Figure 4.1: The telescopic handle can be extended for easy maneuverability and retracted for compact storage.

3. **Hose Connection:** Connect the garden hose to the pressure washer's water inlet. Ensure a secure connection to prevent leaks.



Figure 4.2: Securely connect the yellow quick-connect adapter to the pressure washer's water inlet, and the black end to your garden hose.

4. **High-Pressure Hose Connection:** Attach the high-pressure hose to the pressure washer unit and to the Power Control Spray Gun.



Figure 4.3: The high-pressure hose connects to the spray gun, ensuring a tight fit for optimal performance.

5. **Detergent Tank:** If using detergent, remove the integrated detergent tank, fill it with Kärcher pressure washer detergent, and reinsert it into the unit.





Figure 4.4: The integrated detergent tank is easily removable for refilling with appropriate cleaning solutions.

6. **Power Connection:** Plug the power cord into a grounded electrical outlet.

5. OPERATING INSTRUCTIONS

1. **Turn On Water Supply:** Ensure the water supply to the pressure washer is fully open.
2. **Power On:** Turn the pressure washer unit ON using the main power switch.
3. **Select Spray Wand:** Choose between the Vario Power Spray Wand for adjustable pressure or the DirtBlaster Spray Wand for concentrated cleaning.



Figure 5.1: The Power Control Spray Gun with its LED display and the two included spray wands: Vario Power (left) and DirtBlaster (right).

4. **Adjust Pressure (Vario Power Wand):** Twist the Vario Power Spray Wand to adjust the pressure level. The LED display on the Power Control Spray Gun will indicate the current pressure setting.



The display on the high pressure gun shows the current pressure level.

Figure 5.2: The LED display on the high-pressure gun shows the current pressure level, allowing for precise control during cleaning tasks.

5. **Begin Cleaning:** Squeeze the trigger on the Power Control Spray Gun to begin spraying.

K 3 POWER CONTROL FEATURES



Figure 5.3: The Kärcher K3 Power Control effectively removes light to moderate dirt and grime from various surfaces.

6. **Detergent Application:** For detergent application, ensure the detergent tank is filled and the Vario Power Spray Wand is set to the "Mix" or "Detergent" setting (refer to the spray gun's LED display for specific icons).

6. MAINTENANCE

• After Each Use:

- Turn off the pressure washer and water supply.
- Squeeze the spray gun trigger to release any remaining pressure.
- Disconnect the garden hose and high-pressure hose.
- Empty and rinse the detergent tank if detergent was used.

• Storage:

- Store the pressure washer in a dry, frost-free location.
- Neatly store the cable, high-pressure hose, and accessories using the on-board storage.
- Retract the telescopic handle for compact storage.





Figure 6.1: The Kärcher K3 Power Control features convenient on-board storage for all accessories, including the spray gun, wands, and hose.

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

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No pressure or low pressure	Insufficient water supply; clogged water inlet filter; air in the pump.	Ensure water supply is fully open; clean water filter; purge air by running unit with spray gun open until steady flow.
Water leaks from connections	Loose connections; worn O-rings.	Tighten all connections; inspect and replace O-rings if damaged.
Unit does not start	No power; tripped circuit breaker; faulty switch.	Check power connection and outlet; reset circuit breaker; contact Kärcher support if issue persists.

8. SPECIFICATIONS

Feature	Detail
Brand	Kärcher
Model Number	1.676-109.0
Maximum Pressure	2100 PSI (Max)
Maximum Flow Rate	1.45 GPM
Hose Length	26 Feet
Item Weight	12.2 Pounds
Product Dimensions (L x W x H)	11.7"L x 11.1"W x 26.7"H
Power Source	AC/DC
Detergent Tank Volume	24 oz. (integrated)

9. WARRANTY AND SUPPORT

For warranty information, product registration, and technical support, please visit the official Kärcher website or contact their customer service. The Kärcher App is also available to provide setup guidance and application tips.

- Kärcher Store: [Kärcher Official Store](#)
- Kärcher App: Provides everything you need to know, from setting up your pressure washer to step-by-step application guides.

