

[Manuals.plus](#) /

› [Karcher](#) /

› Karcher K 2 Compact Electric Pressure Washer User Manual

Karcher K 2 Compact

Karcher K 2 Compact Electric Pressure Washer User Manual

Model: K 2 Compact (1.602-114.0)

1. INTRODUCTION

The Karcher K 2 Compact electric pressure washer is designed for general household cleaning tasks. Its lightweight and portable design allows for easy transport and storage. This manual provides essential information for safe and effective operation, assembly, maintenance, and troubleshooting.

Safety Information

Always read and understand all safety warnings and instructions before using the pressure washer. Failure to follow these instructions may result in electric shock, fire, and/or serious injury. Keep children and pets away from the operating area. Wear appropriate personal protective equipment, including eye protection.

2. PRODUCT COMPONENTS

The Karcher K 2 Compact pressure washer includes the main unit, spray gun, high-pressure hose, and two distinct spray wands for various cleaning needs.



Figure 2.1: Karcher K 2 Compact pressure washer, including the main unit, spray gun, high-pressure hose, Vario Power spray wand, and Dirtblaster spray wand.

- **Main Unit:** The core pressure washer housing the motor and pump.
- **Spray Gun:** The handheld trigger-operated device that controls water flow.
- **High-Pressure Hose:** A 20-foot kink-resistant hose connecting the main unit to the spray gun.
- **Vario Power Spray Wand:** Allows for quick adjustment between low and high pressure by twisting the nozzle.
- **Dirtblaster Spray Wand:** Provides a concentrated, rotating jet for tackling stubborn dirt and grime.
- **Detergent Suction Feature:** Integrated system for applying cleaning detergents.

3. ASSEMBLY AND SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all parts listed in Section 2 are present.
2. **Handle Assembly:** Attach the handle to the main unit if it is not pre-assembled. Refer to the diagrams in your printed manual for specific attachment points.
3. **Connect High-Pressure Hose:** Securely connect one end of the high-pressure hose to the high-pressure outlet on the main unit and the other end to the spray gun. Ensure connections are tight to prevent leaks.

4. **Connect Water Supply:** Attach a standard garden hose (not included) to the water inlet on the pressure washer. Ensure the garden hose is free of kinks and has an adequate water supply. Turn on the water supply fully.
5. **Attach Spray Wand:** Select the desired spray wand (Vario Power or Dirtblaster) and firmly attach it to the spray gun.
6. **Purge Air:** Before plugging in the unit, squeeze the trigger on the spray gun to allow water to flow through the system and purge any trapped air. Continue until a steady stream of water emerges.
7. **Connect Power:** Plug the power cord into a grounded electrical outlet.

4. OPERATION

Starting the Pressure Washer

1. Ensure the water supply is fully open and all connections are secure.
2. Turn the pressure washer ON using the power switch. The motor will start.
3. Point the spray gun at the cleaning surface, maintaining a safe distance. Squeeze the trigger to begin spraying. The motor will run only when the trigger is squeezed.

Using the Vario Power Spray Wand

The Vario Power spray wand offers adjustable pressure for various cleaning tasks, from gentle washing to more intense cleaning.



Twist the Vario Wand to Adjust from Low to High Pressure

Figure 4.1: Adjusting the Vario Power spray wand by twisting the nozzle to change pressure settings.

- To adjust the pressure, simply twist the nozzle of the Vario Power wand while the unit is operating.
- Twist in one direction for lower pressure (e.g., for vehicles or delicate surfaces).
- Twist in the opposite direction for higher pressure (e.g., for general cleaning of patios or decks).

Using the Dirtblaster Spray Wand

The Dirtblaster spray wand is designed for removing stubborn dirt and grime from hard, durable surfaces like concrete and brick.



DirtBlaster Wand Tackles the Toughest Jobs in Half the Time!

Figure 4.2: The Dirtblaster spray wand in action, effectively cleaning a dirty sidewalk.

- Attach the Dirtblaster wand to the spray gun.
- This wand provides a powerful, rotating jet. Use it with caution, as its high intensity can damage sensitive surfaces.
- Keep the nozzle moving to avoid concentrating the spray in one spot for too long.

Applying Detergent

The K 2 Compact features an onboard detergent suction hose for easy application of cleaning solutions.

1. Ensure the detergent suction hose is submerged in a container of pressure washer-safe detergent.
2. Use the Vario Power spray wand set to the lowest pressure setting (or a dedicated detergent nozzle if available).
3. Squeeze the trigger to apply detergent to the cleaning surface.
4. After applying detergent, switch back to a high-pressure setting or the Dirtblaster wand to rinse the surface thoroughly.

Stopping the Pressure Washer

1. Release the spray gun trigger.
2. Turn the power switch to the OFF position.
3. Turn off the water supply.
4. Squeeze the spray gun trigger to release any remaining pressure in the system.
5. Disconnect the power cord and water supply hose.

5. CARE AND MAINTENANCE

Regular care and maintenance will extend the life of your Karcher K 2 Compact pressure washer.

- **Cleaning Nozzles:** If the spray pattern becomes irregular or pressure drops, the nozzle may be clogged. Use the included nozzle cleaning tool (if applicable) to clear any debris.
- **Water Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump.
- **Hose Storage:** Coil the high-pressure hose neatly after each use. The unit features integrated storage for the spray wands and hose.



Figure 5.1: Rear view of the Karcher K 2 Compact, illustrating the integrated storage for the high-pressure hose and spray gun.

Winter Storage

To prevent damage from freezing, especially in colder climates, prepare your pressure washer for winter

storage:

- Drain all water from the pump, hoses, and spray gun.
- Consider using a pump protector or non-toxic antifreeze solution specifically designed for pressure washers.
- Store the unit in a heated area where temperatures will not drop below freezing.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No pressure or low pressure	Clogged nozzle; insufficient water supply; air in pump; kinked hose.	Clean nozzle; ensure full water supply; purge air from system; straighten hose.
Motor runs but no water sprays	Water supply off; clogged inlet filter; air in pump.	Turn on water; clean inlet filter; purge air from system.
Unit cycles on and off when trigger is not squeezed	Air in pump; minor leak in system.	Purge air from system; check all connections for leaks and tighten.
Water leaking from connections	Loose connections; worn O-rings.	Tighten connections; replace O-rings if damaged.

If troubleshooting steps do not resolve the issue, contact Karcher customer support for assistance.

7. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Karcher
Model Number	1.602-114.0
Power Source	Corded Electric
Maximum Pressure	1600 PSI
Maximum Flow Rate	1.25 Gallons Per Minute (GPM)
Hose Length	20 Feet
Item Weight	14.5 Pounds
Product Dimensions (L x W x H)	9.8" x 11.77" x 19.8"
Color	Yellow

8. WARRANTY AND SUPPORT

Karcher products are designed and manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official Karcher website. For technical support, replacement parts, or service inquiries, please contact Karcher customer service directly.

Karcher Customer Service: Refer to your product packaging or the official Karcher website for current contact information.