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Kärcher 1.645-710.0

Kärcher BP 5000 Garden Pump User Manual

Brand: Kärcher | **Model:** 1.645-710.0

Introduction

This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your Kärcher BP 5000 Garden Pump. Please read this manual thoroughly before using the product and keep it for future reference.
The Kärcher BP 5000 Garden Pump is designed for efficient and comfortable watering of gardens up to 500 m². It features an ergonomic handle for easy transport, quick priming, optimized fittings, and a convenient foot switch for operation.

Setup Instructions

Proper setup is crucial for the optimal performance and longevity of your garden pump. Follow these steps carefully:

1. **Placement:** Position the pump on a stable, level surface, close to your water source and the area to be watered. Ensure it is protected from direct sunlight and adverse weather conditions.
2. **Water Source Connection:** Connect the suction hose (not included) to the pump's inlet port. Ensure all connections are tight to prevent air leaks, which can affect priming. The pump is designed with optimized fittings for quick and secure connections.
3. **Outlet Connection:** Connect your garden hose or irrigation system to the pump's outlet port. Secure this connection firmly.
4. **Priming the Pump:** Before first use or after the pump has run dry, it must be primed. Fill the pump housing with water through the designated filling opening until it overflows. This ensures the pump can create the necessary suction.
5. **Power Connection:** Plug the pump into a suitable grounded electrical outlet. Ensure the power supply matches the pump's voltage requirements (230 Volts).



Image: Side view of the Kärcher BP 5000 Garden Pump, highlighting the inlet and outlet connection points for hoses.



Image: Front view of the Kärcher BP 5000 Garden Pump, showcasing its compact design and ergonomic handle for easy portability.

Operating Instructions

Once the pump is set up and primed, operating it is straightforward:

1. **Power On:** Locate the foot switch on the pump. Press the foot switch to turn the pump on. This convenient feature eliminates the need to bend down.
2. **Watering:** Direct the water flow as needed for your garden. Monitor the pump's performance and ensure a continuous water supply to prevent it from running dry.
3. **Power Off:** To stop the pump, simply press the foot switch again.
4. **After Use:** Disconnect the power supply. If the pump will not be used for an extended period, drain all water from the pump and hoses to prevent freezing or stagnation.



Image: A person watering a garden using the Kärcher BP 5000 Garden Pump, demonstrating its practical application in a garden setting.

Maintenance

Regular maintenance ensures the longevity and efficient operation of your Kärcher BP 5000 Garden Pump:

- **Cleaning:** Periodically clean the exterior of the pump with a damp cloth. Do not use harsh detergents or solvents.
- **Filter Check:** If your setup includes an inline filter, inspect and clean it regularly to prevent blockages and maintain optimal flow.
- **Connections:** Regularly check all hose connections for leaks or damage. Replace worn seals or hoses as necessary.
- **Winterization:** Before the first frost, completely drain the pump and hoses of all water. Store the pump in a frost-free environment to prevent damage from freezing water.
- **Storage:** Store the pump in a dry, clean place when not in use for extended periods.

Troubleshooting

If you encounter issues with your Kärcher BP 5000 Garden Pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Pump does not start	No power supply; Foot switch not pressed; Motor overload.	Check power connection and outlet; Press foot switch firmly; Allow pump to cool down, check for blockages.
Pump runs but no water flows	Pump not primed; Air leak in suction line; Suction hose kinked or blocked; Water source empty.	Re-prime the pump; Check all suction line connections for tightness; Inspect suction hose for kinks or blockages; Ensure water source has sufficient water.
Low water pressure/flow	Partial blockage in hose/nozzle; Air in system; Pump filter dirty.	Check and clear any blockages; Re-prime the pump; Clean or replace pump filter.
Pump is noisy	Air in system; Pump running dry; Foreign object in pump.	Re-prime the pump; Ensure continuous water supply; Disconnect power and inspect pump for foreign objects (consult professional if unsure).

If the problem persists after attempting these solutions, please contact Kärcher customer support.

Technical Specifications

Feature	Detail
Brand	Kärcher
Model Number	1.645-710.0
Wattage	650 watts
Voltage	230 Volts
Maximum Flow Rate	5000 Liters Per Hour
Maximum Lifting Height	40 Meters
Item Weight	7.15 Kilograms (approx. 15.73 pounds)
Product Dimensions (L x W x H)	14.65" x 7.32" x 9.09"
Sound Level	73 dB
Material	Plastic
Color	Yellow, Black
Power Source	Corded Electric

Warranty and Support

For warranty information, product registration, or technical support, please refer to the official Kärcher website or contact Kärcher customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
You can typically find support contact details on the Kärcher official website:www.kaercher.com

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