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> Nilfisk E145.4 High Pressure Washer User Manual

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Model: E145.4 | Brand: Nilfisk

INTRODUCTION

This manual provides instructions for the safe and efficient operation, maintenance, and troubleshooting of your Nilfisk E145.4 High Pressure Washer. Please read this manual carefully before using the product to ensure proper use and to prevent injury or damage.

IMPORTANT SAFETY INFORMATION

High pressure jets can be dangerous if misused. Always follow these safety guidelines to prevent accidents and ensure safe operation:

- Do not direct the water jet towards people, animals, live electrical equipment, or the machine itself.
- Do not use the machine near people who are not wearing protective clothing.
- Never direct the jet towards yourself or others to clean shoes.
- Risk of explosion - do not spray flammable liquids nearby.
- Pressure washers should not be used by children or untrained personnel.
- Use only hoses, fittings, and couplings recommended by Nilfisk.
- Use only original spare parts recommended by Nilfisk to ensure the safety of the machine.
- Water flowing through the check valves is considered non-drinkable.
- Do not use the machine if the power cable or other important parts (such as safety devices, high pressure hoses, trigger handle, spray handle, or lance) are damaged.
- If an extension cable is used, it must be suitable for outdoor use, and the connection should be kept dry and at least 60 mm above the ground (e.g., using a cable reel).
- Turn off the power and unplug the machine when unattended, finished using, switching functions, or performing repairs/maintenance.
- When using pressure washers, aerosols may form. Inhaling aerosols can be dangerous to health. To protect against aerosols, a respirator mask of class FFP2 or equivalent may be required, depending on the cleaning environment.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1 x Nilfisk E145 4-9 Xtra pressure washer
- 1 x 9 m high pressure hose
- 1 x Powerspeed rotary jet nozzle
- 1 x Tornado variable pressure nozzle
- 1 x Click&Clean foam spray
- 1 x nozzle opener



Image: The Nilfisk E145.4 High Pressure Washer shown with all included accessories, such as the high-pressure hose, various nozzles, lance, and foam sprayer.

SETUP

1. Unpacking and Assembly

Carefully remove all components from the packaging. Attach the handle and wheels if they are not pre-assembled. Ensure all connections are secure before proceeding.





Image: Rear view of the Nilfisk E145.4 High Pressure Washer, illustrating the integrated hose reel and the detergent tank.

2. Connecting Water Supply

Connect a standard garden hose to the water inlet on the pressure washer. Ensure the water supply is clean and free of debris. Turn on the water supply fully.

3. Connecting High-Pressure Hose and Lance

Connect the high-pressure hose to the outlet on the pressure washer and then to the trigger handle. Attach the desired nozzle (e.g., Powerspeed rotary jet nozzle or Tornado variable pressure nozzle) firmly to the lance.

OPERATING INSTRUCTIONS

1. Starting the Pressure Washer

1. Ensure the water supply is on and the high-pressure hose and lance are correctly connected.
2. Plug the power cord into a suitable electrical outlet.
3. Press the ON/OFF switch to the "ON" position.
4. Squeeze the trigger on the spray gun to release air from the system until a steady stream of water emerges.

2. Using Nozzles

The Nilfisk E145.4 includes a Powerspeed rotary jet nozzle for stubborn dirt and a Tornado variable pressure nozzle for general cleaning. To change nozzles, turn off the pressure washer and disconnect the lance. Attach the desired nozzle firmly.

3. Using the Foam Sprayer

Fill the Click&Clean foam spray bottle with an appropriate cleaning detergent. Attach the foam sprayer to the lance. Activate the pressure washer and spray foam onto the desired surface. Allow it to dwell before rinsing thoroughly.



Image: A person demonstrating the use of the Nilfisk E145.4 High Pressure Washer with the foam sprayer attachment to clean outdoor furniture.

MAINTENANCE

1. After Each Use

- Turn off the pressure washer and disconnect the power supply.
- Turn off the water supply.
- Squeeze the trigger to release any remaining pressure in the system.
- Disconnect the high-pressure hose and drain any water.
- Clean the nozzles and check for blockages using the provided nozzle cleaning needle.

2. Storage

- Store the pressure washer in a dry, frost-free location.
- Ensure all water is drained from the pump and hoses to prevent freezing damage.
- Coil the high-pressure hose and power cord neatly for compact storage.

TROUBLESHOOTING

No Pressure / Low Pressure

- **Check water supply:** Ensure the tap is fully open and the garden hose is not kinked or blocked.
- **Check for air in the system:** Squeeze the trigger with the machine off until water flows steadily, then restart the pressure washer.
- **Check nozzles:** Ensure nozzles are clean and not blocked. Use the provided nozzle cleaning needle if necessary.

- **Check water inlet filter:** Clean the filter if it appears clogged with debris.

Motor Not Starting

- **Check power connection:** Ensure the power cord is securely plugged into a functional electrical outlet.
- **Check ON/OFF switch:** Ensure it is in the "ON" position.
- **Thermal overload:** If the machine has been running for an extended period, it might have overheated. Allow it to cool down for 30 minutes before attempting to restart.

SPECIFICATIONS

Feature	Detail
Brand	Nilfisk
Model Number	128471185
Power Source	Corded Electric
Maximum Pressure	145 Bars
Maximum Flow Rate	500 Liters Per Hour
Hose Length	9 Metres
Item Weight	19.8 Kilograms
Product Dimensions (L x W x H)	34.5L x 39.5W x 90H Centimeters
Included Components	1 x Nilfisk E145 4-9 Xtra pressure washer + 1 x 9 m high pressure hose + 1 x Powerspeed rotary jet nozzle + 1 x Tornado variable pressure nozzle + 1 x Click&Clean foam spray + 1 x nozzle opener
Color	Blue
Specification Met	CE, CSA



90cm

39.5cm

34.5cm

Image: Diagram illustrating the dimensions of the Nilfisk E145.4 High Pressure Washer, with a height of 90cm, width of 39.5cm, and depth of 34.5cm.

WARRANTY INFORMATION

Nilfisk offers a commercial warranty on its products. The Nilfisk guarantee provides a free lifetime warranty (equivalent to 30 years) on the engines and pumps of COMPACT, CORE, EXCELLENT, and PREMIUM pressure washers, subject to specific conditions detailed in the warranty terms. This warranty is in addition to your legal rights regarding conformity and hidden defects.

For full warranty details, please refer to the official Nilfisk warranty documentation or contact Nilfisk customer support.

CUSTOMER SUPPORT

For further assistance, spare parts, or service, please contact Nilfisk customer support. Refer to your product packaging or the official Nilfisk website for contact details specific to your region.