

### Safety Instructions

**Before first use of the machine, read the instructions carefully. Save instructions for later use.**

Safety instructions marked with this symbol must be observed to prevent personal injury or serious damage to property.

The instruction consists of 3 parts. Part 1: Safety Instructions. Part 2: 3 Serial specific User Guide. Part 3: Safety Specific Technical Data and Declaration.

**Warnings**  This machine has been designed for use with cleaning agents supplied or recommended by Nilfisk. The use of other cleaning agents or chemicals may adversely affect the safety of the machine.  High pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, live electrical equipment or the machine itself.  Do not use the machine within a range of persons unless they wear protective clothes.

Do not direct the jet against yourself or others in order to clean yourself. Do not spray any hot or very hot flameable liquids.  High pressure washers shall not be used by children or untrained personnel.  High pressure hoses, fittings and couplings are important for the safety of the machine. Use only hoses, fittings and couplings recommended by Nilfisk.  To ensure machine safety, use only original spare parts recommended by Nilfisk.  Water that has been found back-flow prevented is considered to be non-potable.

Do not use the machine if a supply cord or important parts of the machine are damaged, e.g. safety devices, high pressure hoses, trigger gun.  Inadequate extension cords can be dangerous. Do not use extension cords that are suitable for outdoor use, and the connection has to be kept dry and off the ground. It is recommended that this is accomplished by a cord reel which keeps the socket at least 60 mm above the ground.

Switch off and unplug the machine when leaving it unattended, when finished using it or when converting it to another function, when doing repair and maintenance.  During use of high pressure washers, aerosols may be formed. Inhalation of aerosols can be hazardous to health, for the protection against aerosols a respiratory mask of class FFP 2 or equivalent may be needed, depending on the cleaning environment.

**Intended Use and Terms of Liability**  Core, Excellent, MC, Classic and Titan series have been developed for domestic cleaning purposes only and for use in an upright position. Any other use is considered as improper use.  A high pressure washer operates with different levels of pressure and cleaning detergents with various cleaning tasks and results. Always follow the instructions and warnings. Do not use the machine at temperatures below 0°C. Never start a frozen machine, never use it indoor and never cover it during use. This is considered improper and wrongful use. Use of wrongful pressure, detergent and/or applications may cause damage to machine, surfaces, material and devices. All of the above is considered improper and wrongful use. Nilfisk accepts no liability for any damage resulting from any improper or wrongful use. Please refer to our website at [www.get-started.nilfisk.com](http://www.get-started.nilfisk.com) for further instructions and information on use, emergency and disposal.

**Safety devices and their functioning**  The machine will automatically stop when releasing the trigger. The machine will start again when reactivating the trigger. The spray handle features a locking device. When activated, the spray handle cannot be operated. The machine has an automatic self-resetting thermal protection. If the machine is overheated, it will automatically shut off the power supply. In this case, wait for the machine to cool down. An integrated hydraulic safety valve protects the system from excessive pressure.

**Precautions**  The electric supply connection shall be made by a qualified electrician and comply with IEC 60364-1. It is recommended that the electrician also install a residual current device that will interrupt the supply if the leakage current in earth exceeds 30 mA for 30 ms or a device that will prove earth circuit.  Use motor start delays with characteristic C or D according to IEC 60896-1 IEC 947-2 or corresponding standards outside IEC.  The maximum allowed impedance for Excellent 170 is 0.325 Ω (Zmax). The maximum allowed impedance for Excellent 170 is 0.34 Ω (Zmax). The maximum allowed impedance for Classic 140 is 0.462 Ω (Zmax). The maximum allowed impedance for Classic 140 is 0.332 Ω (Zmax). Consult with the power supply authority to make sure that the equipment is connected only to a power supply that has the maximum allowed impedance or less.  If the supply cord is damaged, it must be replaced by an authorized Nilfisk distributor or similar qualified person in order to avoid fire.  No action should be taken for adjusting the machine marked with dual voltage and frequency.  Supervise children playing with the machine.  The operator and any one in the immediate vicinity of the site for cleaning should take action to protect oneself from being struck by debris dislodged during operation.  Always wear safety boots, respiratory mask, ear protection, goggles and protective clothing during operation.  The high pressure generated by the machine is a particular source of danger. Hold the spray lance firmly with both hands. The spray lance is affected by a kickback force and a sudden torque during operation.  See PART 3 for the actual size of the kickback force.  During transportation: Position the machine horizontally on the backside and secure with straps.

**Within EU**  High pressure washers shall not be used nor maintained by children. The machine can be used with reduced physical, sensory or mental capabilities or lack of experience and knowledge if given safety warning or instructions concerning the machine in a safe way and understands the hazards involved.

**Outside EU**  High pressure washers shall not be used nor maintained by children or untrained people or people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if given safety warning or instructions concerning the machine in a safe way and understands the hazards involved.

**EU**  provides a general overview of the operation elements along with illustrated sections on preparation, operation, water connection, storage, and user maintenance.  Unpacking and preparing for use. Follow illustrations in A.

**Connection to potable water mains**  High pressure washers are not suitable for connection to the potable water mains. Always check national regulations before connecting the machine to potable water mains and get a back-flow preventer if required.  Use garden hose, 10-25 m.  Follow instructions in B.

**Maintenance, inspection and repair**  Maintenance of the machine should always be done when starting up after long time of storage.  Before use, always inspect the machine and equipment for damages. In case of damages, act according to the instructions. If the machine is not working, stop the machine and contact the dealer.  Do not start, stop, adjust, pressure fluctuations, motor buzzes, flows below or no water comes out, check the trouble shooting diagram at our website [www.get-started.nilfisk.com](http://www.get-started.nilfisk.com). Any repair should always be made in Nilfisk authorized workshop with original Nilfisk spare parts.  Use maintenance according to illustrations in F.

**Corred disposal of this product:** This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your use device, please use the return and collection systems or contact the retailer where the product was purchased. There can be no take this product for environmental safe recycling.

**Leaving the machine unattended > 5 min.**  See listed warnings. Follow the illustrations in D.

**After use and storage**  Turn off the machine. Empty machine and accessories of water to avoid frost damage. Remove the plug from socket. Disconnect water inlet hose. Wind up electrical cable and high pressure hose to avoid damage of cable, high pressure hose and fittings. Storage of machine shall be frost free.  Follow illustrations in E.

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