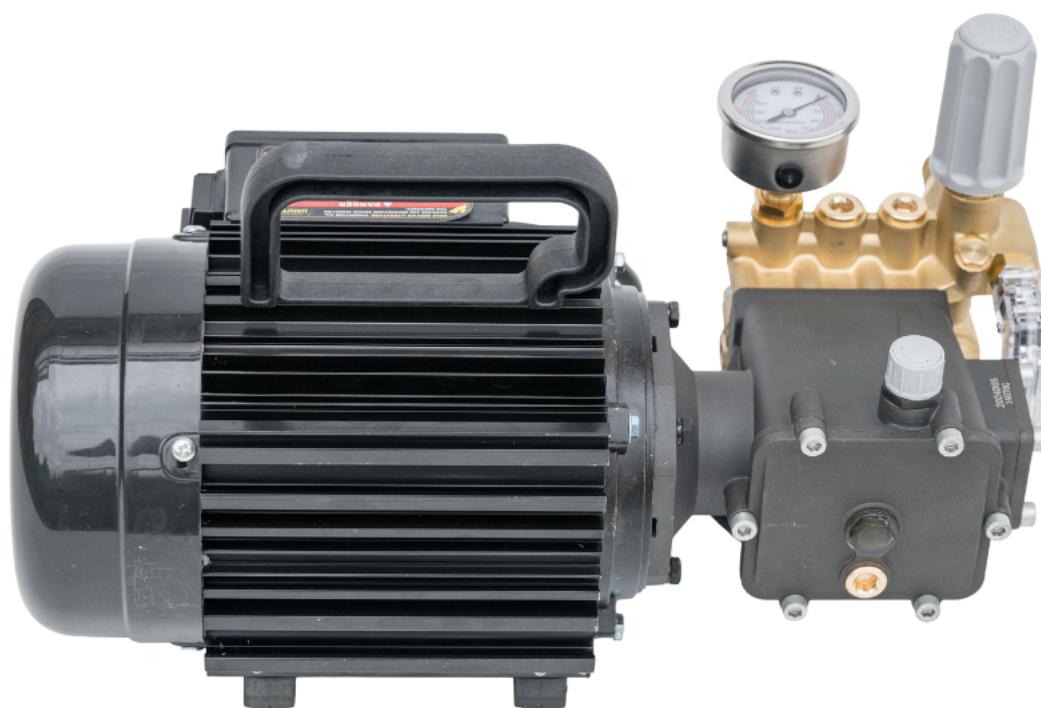


Operation Manual

W2200EA



Translation of the original operation manual

*The picture serves for reference only and it may not represent an exact match of the device delivered

EN

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NOTICE



Before using your new device for the first time, read this original instruction manual and the enclosed safety instructions. Follow them. Keep the manual for possible later use or for the next owner of the equipment.

Use of the product in accordance with its

This high-pressure cleaner can be used:

- only in private households;
- for washing machinery, vehicles, buildings, tools, facades, terraces, garden tools, etc., together with a high-pressure water jet (with the addition of cleaning agents if necessary);
- with Waspper approved accessories and spare parts
- In an environment where the equipment will not be directly exposed to splashes of particulate contaminated water.

Environmental protection



Packaging materials are recyclable. Dispose of the packaging according to environmentally friendly principles. Old machines contain valuable recyclables that should be . Old machines must be disposed of in an environmentally friendly manner.

Cleaning work that generates oil-containing waste water, e.g. engine cleaning, cleaning of the floor of machinery, may only be carried out in washrooms with an oil separator. Work with cleaning agents may only be carried out on work surfaces sealed against liquid leakage and with a connection to the dirty water drain. Avoid spillage of cleaning agents into water sources or soil.

Security

Safety instructions

Before using this machine for the first time, be sure to read the enclosed "Safety Instructions for High Pressure Cleaners".

To protect hearing and eyesight, it is advisable to wear noise-absorbing protective equipment during operation of the

cleaner  

Degrees of danger



DANGER - Warning of an imminent danger that may cause serious injury or death.



WARNING - Warning of a potentially hazardous situation that could result in minor injury.



WARNING - Warning of a potentially dangerous situation that could lead to property damage.

Safety features



WARNING - Safety features are designed to protect the user from injury and must not be altered or disabled. In the event of damage, they must only be replaced with an original part.

Protective covers for hot or rotating parts



Protective covers are used to protect the operator of the pressure washer from injury due to the high temperatures of certain parts of the combustion engine or from injury caused by rotating parts of the machine.

Protective elements for electric motor and pump

Scope of delivery

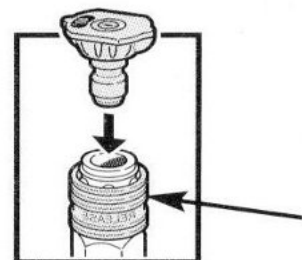
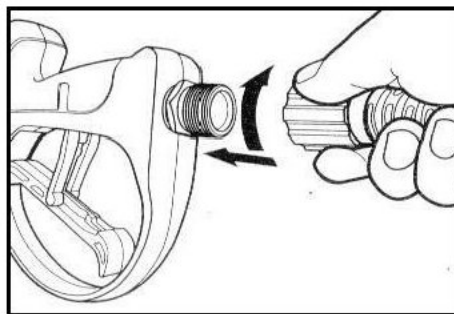
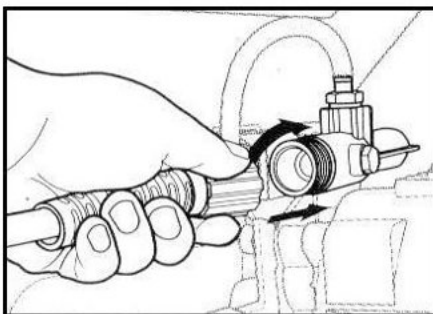
The contents of the instrument delivery are shown on the packaging or in the order form. After unpacking, check the contents for completeness. If any parts are missing, or if you find any damage caused in transit, please inform the dealer.

Additionally required

Fabric-reinforced water hose at least" (13mm) in diameter with standard garden hose connector.
Supply hose length minimum 5m and maximum 15m. Sufficiently abundant water source with a pressure of at least 1 bar and a flow rate of 10L/minute.

Installation

The equipment itself is assembled in the manufacturing plant. Before connecting the hoses, put down and discard the shipping caps from the high-pressure pump outlet and water inlet. To start up for the first time, the supplied high-pressure hose with control gun and nozzle must be attached to the high-pressure part of the pump.



Commissioning

Water supply

WARNING Do not run the pump without the water supply connected and switched on. The capacity of the water source must be at least 15 litres per minute at a pressure of at least 1 bar. If the purity of the connected water cannot be guaranteed, a water filter must be included before the pump inlet to prevent solids from entering the pump.

After connecting the hoses, open the tap fully and press the control lever on the high-pressure gun. To bleed air from the hoses and pump, hold the gun down until a continuous stream of water starts to flow from the nozzle. Insert the high-pressure nozzle into the quick coupling of the attachment. **If the pump does not develop pressure within 30 seconds after starting the engine, turn off the engine and follow the instructions in the Troubleshooting section! Running dry for more than 30 seconds will cause damage to the pump!**

Damage to equipment caused by failure to comply with this instruction will void the warranty.

WARNING FOR SELF-PRIMING WATER SUPPLY

This high-pressure cleaner together with the suction hose (included) is suitable for extracting surface water, e.g. from rainwater tanks. The water in the tank must be clean, free of solid particles or sludge. Contaminated water will irreversibly damage the internal components of the high pressure pump.

Fill the suction hose to the brim with water so that there are no air bubbles in the hose.

Connect the hose directly to the suction port of the pump (using the supplied quick coupling fitting). Make sure that the seal between the hose and the pump end is not damaged.

Dip the other end with the filter into the container of water. Remove the nozzle from the quick coupling end of the high pressure gun attachment. With the engine running, depress the gun control lever and allow the water to flow freely out until air bubbles stop coming out. After venting, shut off the engine, put the nozzle on and restart the engine. The pump is now ready for operation. If the pump does not build pressure with the engine running within 30 seconds, shut off the engine and follow the instructions in the Troubleshooting section. Using self-priming water may partially reduce the output water pressure.

WARNING If the pump draws in air, the entire pump venting process must be repeated again.

Electric motor



HAZARD

The engine generates waste heat during operation, resulting in a number of hot components the engine that can cause burns if touched. If these hot components come into contact with flammable substances, a fire may result.

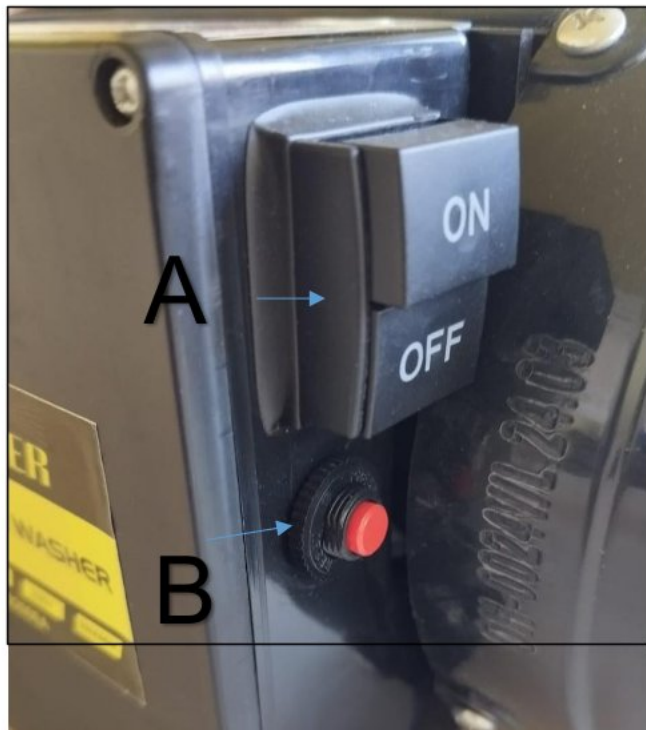


HAZARDS

The device is energized when plugged in, which is life-threatening. Never use equipment that has a damaged lead, fork or controls. Do not perform maintenance on equipment that is plugged into the mains. Repairs to the electrical part of the equipment must only be carried out by professional service technicians.

Push the motor switch **A** to the **ON (I)** position.

Before switching on the device, follow the instructions in the Commissioning section. The appliance will start and the motor will automatically stop when the operating pressure is reached. Pressing the gun trigger will start the machine.



SWITCHING OFF THE ENGINE

Switching off the engine is carried out in the following steps

Press switch **A** marked **OFF**. After the engine has stopped, release the pressure in the device by briefly depressing the trigger of the gun.

MAINTENANCE

Every 8 hours or daily	Checking the oil level in the pump Checking the inlet and the electric motor body
After the first 5 hours	Changing the oil in the pump
Every 50 hours, or at the end of the season	Changing the oil in the pump

In rare cases, the protective covers may become loose during operation due to vibrations. It is necessary to tighten these components, as prolonged vibration on a loose cover will cause damage to the fixing holes. If the protective cover is damaged, these parts must be replaced with original parts, as only then can maximum operational safety be guaranteed.

Spare parts are available through the manufacturer or a certified service centre. A complete list of components is provided in this manual or on the manufacturer's website.

Pump oil specification

Oil specification and quality is one of the main factors affecting the performance and life of the equipment.

The minimum requirements that the oil must meet are: viscosity grade 10W30 or 10W40 with quality grade SF and higher (SG, SH, SJ).

Using 10W30 engine oil at temperatures above 27°C can lead to increased oil consumption. It is therefore necessary to pay extra attention to the oil level if the equipment is operated at these temperatures with 10W30 oil.

It is recommended to use 10W40 oil with quality class SF and higher (SG, SH, SJ).

The supplied oil far exceeds the minimum quality requirements and ensures you safe operation of the equipment with minimal wear of internal parts under severe operating conditions.

If it is necessary to add oil to the pump, use only the same type and brand of oil already in the pump. Mixing different types of oil is not recommended!

Pump

Your pump is of all-metal construction to guarantee long life and trouble-free operation. There are moving parts in the pump with a very precise fit. It is therefore **IMPERATIVE** that the water fed into the pump is free from mechanical impurities. These impurities will abrade the seating surfaces in the pump, increasing the clearance between the internal components and reducing the output pressure.



HAZARDS

The pump exerts a very high pressure at the outlet, which results in the water spray having a destructive effect on soft objects. It is **FORBIDDEN** to direct the flow of water to

people or animals. Failure to heed this warning can have devastating effects, resulting in permanent blindness, cuts, amputations and even death.



ATTENTION

High pressure can cause damage to soft and sensitive objects. It is not recommended to use a high-pressure jet of water from the immediate vicinity to clean rubber and tyres, glass, non-cohesive paintwork, plaster and wood. Exposure to too strong a jet of water may cause the surface texture to change and become permanently altered. If in doubt, it is recommended to test the effect of pressurised water on a sample where any surface disturbance will not affect the functionality or appearance of the item.

Moving the nozzle away from the surface of the object to be washed will result in a reduction in the pressure of the water and a less aggressive washing effect. Conversely, bringing the nozzle closer to the surface will increase the washing effect, but also increase the aggressiveness of the water action on the surface.

A used pump requires maintenance.

There is a safety strainer at the water inlet of the pump. It is necessary that this strainer is checked regularly for possible dirt and damage. Settled dirt will cause a reduction in the flow rate of the supplied water and thus a reduction in the washing effect.

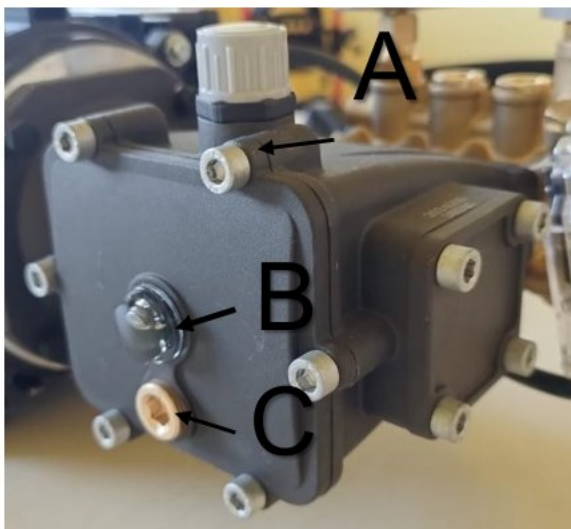
The damaged strainer must be replaced with a new one **IMMEDIATELY**.

Mechanical damage to the internal parts of the pump due to dirty water is not covered by the warranty!

If the self-priming water supply variant is used:

Ensure that the water level in the container from which the water is pumped is as high as possible against the water inlet to the pump. A higher level difference will ensure that the water can be drawn in more easily and there is less risk of cavitation, a phenomenon that occurs when air bubbles begin to be released from the liquid. This can happen inside the pump if the vacuum at the inlet is too high - making suction difficult. Damage to the pump is imminent.

Therefore, use a hose on the suction side that is as large in diameter and as short as possible. Bleed the inlet pipe as described on page 3.



A- venting and pouring opening

B- oil gauge, oil level check

C- drain hole

Storing the pump for the winter

Storing the pump in areas where the ambient temperature is below freezing can lead to irreversible damage to the internal components if the pump is not drained properly!

Procedure for draining the remaining water from the pump:

Make that the engine switch (page 4, item C) is in the **OFF**.

press switch C to the ON position for 2-3 seconds and immediately switch the unit off This action will allow water to exit the pump through the high-pressure port.

It is not recommended to store the pump in areas where the temperature drops below freezing, as a significant change in outside temperatures can cause condensation of water vapour in an area where water cannot otherwise reach. This can lead to internal corrosion and a significant reduction in pump and motor life.

Problem solving

The problem	Cause	Solution
Pump fails to create the necessary water pressure, intermittent water flow, low water flow	1. Large bore nozzle used 2. Water supply is blocked 3. Low water supply volume 4. Clogged water inlet strainer 5. The high-pressure hose is blocked or leaking water 6. Inlet water temperature too high 7. Water pressure leaking from the gun 8. Clogged nozzle 9. Damaged pump 10. Improperly watered pump during self-priming	1. Replace with the correct nozzle size 2. Check the free water flow 3. Use higher water pressure or a larger diameter hose 4. Clean the strainer or replace with a new one 5. Remove dirt, turn hose over, flush or replace hose with new one 6. Provide cooler water 7. Check Tighten connections, replace the gun 8. Clean up nozzle steel wire and flush it against a stream of water 9. Contact the service center 10. Check the tightness of all connections at sucking side, water pump as instructed (page 4)
Engine starts after does not start when switched on	1. Missing in power supply, overload or a fault in the building's wiring.	1. Check the delay button 2. Check the inlet and its connection 3. Check if the building socket has Voltage
The engine is running during operation Stopped by	1. Engine was overloaded and reacted overload protection.	1. Check the power supply and its connection 2. Check the safety button 3. Check whether the building socket has Voltage

Use only original spare parts. This will ensure trouble-free operation of your equipment.

Warranty

In each country, the warranty conditions of our distribution organisation apply. We will rectify any appliance malfunctions during the warranty period free of charge if they are caused by material or manufacturing. To claim the warranty, please contact your dealer or the nearest authorised service centre together with the proof of purchase of the appliance. A list of approved service centres can be found on our website: www.waspper.com

Waspper s.r.o. strives to continuously improve the technical characteristics and user comfort of its products. For this reason, the manufacturer reserves the right to modify the design and controls of the device without prior notice to the end customer. The position of all control and safety elements shown in this manual corresponds to reality. A change in the design of the control levers may not be noted in this manual.

Technical data

Type of device	W2200EA
Engine type	2.3kW, single phase
Maximum speed	2800 rpm
Oil	10w40
Water pressure and flow	2200psi/ 150bar- 14L/min
Net weight	19.1kg
Height	23cm
Width	22cm
Length	42cm
Water self-priming function	Yes



EU Declaration of Conformity

Waspper declares that the pressure washers listed below comply with the relevant EU directives on the health and safety of the operator of the machine. If the equipment is altered in any way without the manufacturer's prior consent, this declaration will lose its validity.

Product: high pressure cleaner

TYPE	Inspection reports	Noise level measured by Lwa	Noise level guaranteed
W2200EA	QA-AC5984/22	50 dB	51 dB

The assessment was attended by Co. Alberk QA International Technical Control and Certification Corp., Istanbul, Turkey as an accredited inspection body in accordance with EN ISO/IEC 12100:2010

Relevant EU Directives:

2006/42/ES (+2009/127/ES)

2004/108/EC

2000/14/EC

Standards applied:

STN EN ISO/IEC 12100:2010

Manufacturer:

Waspper s.r.o, Duklianská 51, 05201 Spišská Nová Ves, Slovakia



Place of issue: Spišská Nová Ves

Manufacturer's representative:

Marián Gabriš Release date:

1.1.2024

Function: Managing

Director

Letter of Guarantee

type:	WASPPER	Stamp and signature:
Serial number:	Date of sale:	

In order to improve the quality of service and simplify communication with the customer, WPW Center s.r.o. recommends customers who have purchased our product to register the product free of charge on the manufacturer's website: www.waspper.com. This registration will provide the necessary data for faster processing of your claim or advice on the purchase of spare parts and accessories. By registering, the customer avoids additional tasks such as submitting a proof of purchase or a warranty certificate.

1. The manufacturer WPW Center s.r.o. is liable for hidden defects in the sold product if these defects become apparent during the warranty period. The warranty repair can be claimed by filling in and submitting the warranty form on the manufacturer's website: www.waspper.com. The product is covered by a full warranty of 24 months for private persons and private use (according to the Civil Code) and 12 months for business entities (according to the Commercial Code). The warranty period starts for simple faults and damages with the completion and submission of the complaint report on the website. For more extensive failures, the warranty period starts upon delivery of the product to the manufacturer's address. The customer will be informed about the acceptance of the complaint via the contact specified in the complaint form.

2. The application of the warranty does not cover defects caused by: improper operation; improper handling or use to the instructions for use or the instructions and recommendations of WPW Center s.r.o.; use or storage of the goods in unsuitable conditions, in particular with regard to temperature, dustiness or humidity of the environment; exposure to direct ; damage caused by natural elements or force . The application of the guarantee also does not cover mechanical damage, damage due to particulate matter, frost or other . Damage to the pump caused by cavitation is not covered by the warranty. Also excluded from the warranty are cases of damage to the engine due to lack of oil and due to the ingress of non-service fluid into the internal parts of the engine.

3. After the scope of the repair has been assessed by the claims technician, the customer will be informed of the procedure for handling the claim. In cases where replacement of the damaged component is within the user's capabilities and capabilities, only the replacement component will be sent to the customer. In cases where repair by a service centre is necessary, the purchaser is obliged to send the damaged equipment to the manufacturer's address. The goods must be complete (including accessories), properly packaged to prevent damage during shipment, without mechanical damage and without operating cartridges. If the goods are visibly damaged, incomplete or unreasonably worn on delivery to the service centre, the manufacturer reserves the right to refuse and not to accept such shipment.

4. When applying for warranty repair, the buyer is obliged to provide proof of purchase of goods (invoice, cash), warranty certificate and notify the claimed defect in writing with photo documentation. It is recommended to fill in the complaint form on the manufacturer's website in order to process the complaint as quickly as possible in the event that the manufacturer accepts the complaint as justified, the repaired product will be sent to the buyer at the manufacturer's expense.

5. If the complaint technician determines that the claimed product does not meet the conditions for warranty repair, complaint is considered unfounded and the cost of transporting the product to the customer is borne by the customer.

6. If the repair time exceeds 30 days or if the product is beyond repair, the customer will be given the option of an exchange.

7. The manufacturer's Complaints Technician decides on the validity of the warranty. If the warranty is justified, the warranty period is extended by, spent by the device in the complaint procedure. A written proof of this action will be issued and sent to the customer with the product or electronically. If the component of the product that is the subject of the complaint is no longer available, the manufacturer will provide the customer with an adequate replacement that is equivalent to or better than the component complained of.

8. The buyer undertakes to read all information about the goods on the packaging or in the instructions for use immediately after delivery of the goods, thereby acknowledging that the delivered product will retain its positive characteristics only if it is used and stored properly. In the event of failure to comply with the obligation set out in this clause, WPW Center s.r.o. shall not be liable for any defects in the goods and for any damages suffered by the purchaser or any third party in connection with the breach of this obligation. The Buyer is obliged to check the integrity of the packaging and the product at the time of purchase or upon receipt of the parcel from the postal courier. In the event of damage to the packaging, this must be registered immediately with the carrier. If the damage is detected only when unpacking the product, contact the seller within 4 working days at the latest. Later claims for damage to goods in transit will not be accepted.