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VITO PR2927

VITO 130 Bar WR2 High-Pressure Washer User Manual

Model: PR2927

1. PRODUCT OVERVIEW

The VITO 130 Bar WR2 High-Pressure Washer is a powerful cleaning tool designed for various outdoor cleaning tasks. It features an 1800W induction motor, a durable brass lance, and a 5-meter hose, making it suitable for tackling stubborn dirt on large surfaces.



Figure 1: Front view of the VITO 130 Bar WR2 High-Pressure Washer, showing its compact design and included lance.



Figure 2: Rear view of the high-pressure washer, illustrating the integrated hose storage and overall compact structure.

Key Features:

- 1800W Induction Motor: Provides consistent and powerful performance.
- 130 Bar Maximum Pressure: Effective for removing tough dirt.
- 390 Litres per hour Max Flow Rate: Ensures efficient cleaning.
- Aluminum Pump Body: Enhances durability and longevity.
- 5m High-Pressure Hose: Offers extended reach for various cleaning tasks.
- Integrated Detergent Tank: Allows for easy application of cleaning solutions.

- Air-Cooled Induction Motor: Designed for sustained operation.

Repairability Index:

This product has a repairability index of 8.3/10, indicating a high degree of ease for repair and maintenance, contributing to its longevity.



Figure 3: Repairability Index score of 8.3/10 for the VITO High-Pressure Washer.

Critère	Sous-critère	Note du sous-critère sur 10	Coefficient du sous critère	Note du critère sur 20	Total des notes des critères sur 100
CRITÈRE 1 : DOCUMENTATION	1.1 Durée de disponibilité de la documentation technique et relative aux conseils d'utilisation et d'entretien	10,0	2	20,0	83,2
CRITÈRE 2 : DÉMONTABILITÉ, ACCÈS, OUTILS, FIXATIONS	2.1 Facilité de démontage des pièces de la liste 2*	8,0	1	17,6	
	2.2 Outils nécessaires (liste 2)	10,0	0,5		
	2.3 Caractéristiques des fixations entre les pièces de la liste 1** et de la liste 2	9,3	0,5		
CRITÈRE 3 : DISPONIBILITÉ DES PIÈCES DÉTACHÉES	3.1 Durée de disponibilité des pièces de la liste 2	10,0	1	19,6	
	3.2 Durée de disponibilité des pièces de la liste 1	10,0	0,5		
	3.3 Délais de livraison des pièces de la liste 2	9,2	0,3		
	3.4 Délais de livraison des pièces de la liste 1	9,2	0,2		
CRITÈRE 4 : PRIX DES PIÈCES DÉTACHÉES	4. Rapport prix des pièces de la liste 2 sur prix de l'équipement neuf	7,0	2	14,0	
CRITÈRE 5 : CRITÈRE SPÉCIFIQUE	5.1 Assistance à distance sans frais	6,0	2	12,0	
Note de l'indice sur 10					8,3

*liste 2 : liste des 3 à 5 pièces détachées au maximum (selon la catégorie d'équipements concernée) dont la casse ou les pannes sont les plus fréquentes ;
 **liste 1 : liste de 10 autres pièces détachées au maximum (selon la catégorie d'équipements concernée) dont le bon état est nécessaire au fonctionnement de l'équipement.

Figure 4: Detailed breakdown of the repairability index criteria, including documentation availability, ease of disassembly, tool requirements, and spare parts availability.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operating the pressure washer.

General Safety:

- **Electrical Safety:** Ensure the power outlet is grounded. Do not operate the unit with damaged cords or plugs. Keep all connections dry and off the ground.
- **Water Connection:** Connect the pressure washer to a cold water supply only. Do not use recycled water unless it has been filtered.
- **Personal Protective Equipment (PPE):** Always wear appropriate eye protection (safety goggles) and hearing protection. Wear non-slip footwear.
- **Operation Environment:** Do not operate the pressure washer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Children and Bystanders:** Keep children and pets away from the operating area. Never direct the water jet at people, animals, or electrical equipment.
- **Maintenance:** Disconnect from the power supply before performing any maintenance or cleaning.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and undamaged.

- VITO 130 Bar WR2 High-Pressure Washer Unit
- High-Pressure Lance
- Water Filter
- 5-meter High-Pressure Hose
- User Manual (this document)

4. SETUP

Before first use, ensure all components are present and undamaged. Follow these steps for proper setup:

1. **Unpacking:** Carefully remove the pressure washer and all accessories from the packaging.
2. **Handle Assembly:** Extend or attach the handle if it is not already in the upright position.
3. **Water Supply Connection:** Connect a garden hose (not supplied) to the water inlet on the pressure washer. Ensure the connection is secure to prevent leaks. The unit requires a minimum water flow to operate correctly.
4. **High-Pressure Hose Connection:** Connect the high-pressure hose to the outlet on the pressure washer and to the spray gun. Tighten all connections firmly.
5. **Lance Attachment:** Attach the desired lance or nozzle to the spray gun.
6. **Detergent Tank (Optional):** If using detergent, fill the integrated detergent tank with an appropriate pressure washer detergent.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your VITO High-Pressure Washer.

1. **Water Supply Activation:** Turn on the water supply to the pressure washer. Allow water to flow through the pump and hose to purge any air before starting the motor.
2. **Power Connection:** Plug the power cord into a grounded electrical outlet.
3. **Starting the Unit:** Turn the power switch to the "ON" position. The motor will start.
4. **Operating the Spray Gun:** Squeeze the trigger on the spray gun to begin spraying. The motor will run continuously while the trigger is depressed.
5. **Using Detergent:** If using the integrated detergent tank, the pressure washer will automatically draw detergent when operating at low pressure or with a specific detergent nozzle (if applicable). Refer to the detergent instructions for proper dilution.
6. **Stopping the Unit:** Release the spray gun trigger. The motor will stop. For extended breaks, turn the power switch to "OFF" and disconnect the power cord.
7. **Depressurizing:** After turning off the unit, squeeze the spray gun trigger to release any remaining pressure in the system before disconnecting hoses.



Figure 5: Close-up view of the power switch, indicating ON/OFF positions.



Figure 6: Example of the pressure washer in use, cleaning a stone patio surface.



Figure 7: The pressure washer being used for car washing, demonstrating its versatility.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pressure washer. Always disconnect the power supply before performing any maintenance.

After Each Use:

- **Water Drainage:** Disconnect the water supply and high-pressure hose. Squeeze the trigger to drain any remaining water from the pump and hose.
- **Cleaning:** Wipe down the exterior of the unit with a damp cloth.
- **Detergent Tank:** Empty and rinse the integrated detergent tank if detergent was used.
- **Storage:** Store the pressure washer in a dry, frost-free environment. Coil the high-pressure hose and power cord neatly.



Figure 8: View of the integrated detergent tank, designed for easy filling and cleaning.

Periodic Maintenance:

- **Inlet Filter:** Regularly check and clean the water inlet filter to prevent debris from entering the pump.
- **Nozzle Cleaning:** If the spray pattern becomes irregular or pressure drops, clean the nozzle orifice using the

provided nozzle cleaning tool (if applicable) or a thin wire.

7. TROUBLESHOOTING

This section provides solutions to common problems you might encounter with your pressure washer.

Problem	Possible Cause	Solution
Unit does not start	No power supply; Power switch OFF; Thermal overload activated.	Check power cord and outlet; Turn power switch ON; Allow unit to cool down for 30 minutes.
Low pressure	Insufficient water supply; Clogged nozzle; Air in pump; Leaks in hose connections.	Ensure adequate water flow; Clean nozzle; Purge air from system; Tighten connections.
Motor runs intermittently	Air in pump; Water supply issues; Trigger not fully released.	Purge air; Check water supply; Ensure trigger is fully released when not spraying.
Detergent not dispensing	Detergent tank empty; Wrong nozzle/pressure setting; Clogged detergent line.	Refill tank; Use appropriate nozzle/setting; Clean detergent line.

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the VITO 130 Bar WR2 High-Pressure Washer.

Specification	Value
Model Number	PR2927
Power	1800 W
Max Pressure	130 Bar
Max Flow Rate	390 Litres per hour
Motor Type	Induction, Air-cooled
Pump Body Material	Aluminum
Hose Length	5 meters
Detergent Tank	Integrated
Product Dimensions (L x W)	71 x 36.5 cm
Item Weight	17.8 kg

9. WARRANTY AND SUPPORT

Specific warranty information and detailed support contacts are typically provided with the product packaging or on

the manufacturer's official website. Please refer to these resources for the most accurate and up-to-date information regarding your product's warranty coverage and customer support options.

For technical assistance or spare parts inquiries, please contact VITO customer service through their official channels.