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› Kärcher RM 110 Machine Protector User Manual

Kärcher 6.295-488.0

Kärcher RM 110 Machine Protector User Manual

Model: 6.295-488.0 | Brand: Kärcher

INTRODUCTION

This manual provides essential information for the safe and effective use of the Kärcher RM 110 Machine Protector. The RM 110 is a specialized solution designed to protect hot water high-pressure cleaners from calcium deposits and corrosion. It ensures reliable operation and extends the lifespan of all water-carrying components within your pressure cleaner system.

Please read this manual thoroughly before using the product to ensure proper application and to prevent damage to your equipment or injury.

IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions when handling the Kärcher RM 110 Machine Protector:

- **Keep out of reach of children and pets.**
- **Avoid contact with eyes and skin.** In case of contact, rinse immediately with plenty of water. If irritation persists, seek medical attention.
- **Do not ingest.** If swallowed, seek immediate medical advice and show this container or label.
- **Use in a well-ventilated area.**
- **Store in original container** in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Do not mix with other cleaning agents or chemicals** unless explicitly instructed by Kärcher.
- **Dispose of contents/container** in accordance with local regulations.

Refer to the product label for additional safety warnings and first aid instructions.

PRODUCT OVERVIEW

The Kärcher RM 110 Machine Protector is supplied in a durable container, designed for easy handling and storage. Its formulation is specifically engineered to prevent scale buildup and corrosion in the intricate components of hot water pressure washers.



Image: A 20-liter yellow plastic container of Kärcher RM 110 Machine Protector. The label clearly displays the Kärcher logo, product name "Machine protector", and key benefits such as "Effective protection against calcium deposits and corrosion in hot water high-pressure cleaners." It also shows the volume (20 L), pH value (7.0), and indicates effective calcification protection, integrated corrosion protection, and economical use. The container features a yellow screw cap and an integrated handle for portability.

Key features of the RM 110 include:

- **Effective Calcification Protection:** Prevents the formation of limescale deposits, which can impair the performance and longevity of heating coils and other water-carrying parts.
- **Integrated Corrosion Protection:** Shields internal metal components from rust and other forms of corrosion,

especially critical in hot water environments.

- **Economical Use:** Designed for efficient consumption, providing long-lasting protection with minimal dosage.
- **Neutral pH (7.0):** Safe for use with a wide range of materials commonly found in pressure washers.

SETUP AND PREPARATION

Before using the Kärcher RM 110 Machine Protector, ensure your hot water high-pressure cleaner is clean and in good working order. Follow these steps to prepare for application:

1. **Consult your pressure cleaner's manual:** Identify the detergent or machine protector intake system on your specific Kärcher hot water high-pressure cleaner. This is typically a dedicated tank or suction hose.
2. **Ensure the detergent tank is clean:** If your pressure cleaner has a dedicated detergent tank, ensure it is free from residues of other cleaning agents. Rinse if necessary.
3. **Open the RM 110 container:** Carefully unscrew the yellow cap of the Kärcher RM 110 container.
4. **Pour into the designated tank:** Pour the required amount of RM 110 into the machine protector or detergent tank of your pressure cleaner. Refer to the operating instructions of your pressure cleaner for the correct fill level or dilution ratio.
5. **Secure the cap:** Replace and tighten the cap on the RM 110 container after use to prevent spillage and maintain product integrity.

The RM 110 is designed to be used undiluted or at specific dilution ratios as recommended by your pressure cleaner's manufacturer. Always follow the instructions provided with your pressure cleaner for optimal results.

OPERATING INSTRUCTIONS

The Kärcher RM 110 Machine Protector is automatically dosed into the water system of your hot water high-pressure cleaner during operation. Its primary function is to protect the machine, not to clean surfaces.

1. **Ensure RM 110 is loaded:** Verify that the machine protector tank on your pressure cleaner contains sufficient RM 110.
2. **Activate machine protection mode:** Many Kärcher hot water pressure cleaners have a specific setting or mode for machine protection or detergent application. Select this mode according to your machine's manual.
3. **Begin operation:** Operate your pressure cleaner as usual for your cleaning tasks. The RM 110 will be automatically introduced into the water flow, providing continuous protection against calcium deposits and corrosion.
4. **Monitor consumption:** Regularly check the level of RM 110 in the tank and refill as needed to ensure uninterrupted protection.

The dosage rate of RM 110 is typically controlled by the pressure cleaner itself. Refer to your pressure cleaner's manual for specific dosage recommendations and settings related to machine protection.

MAINTENANCE AND STORAGE

Proper maintenance and storage of the Kärcher RM 110 Machine Protector ensure its effectiveness and longevity.

- **Storage:**

- Store the container upright in a cool, dry, and well-ventilated area.
- Protect from frost and direct sunlight.
- Keep the container tightly closed when not in use.
- Ensure storage temperature is between 5°C (41°F) and 30°C (86°F).

- **Container Handling:**

- Always handle the 20-liter container with care due to its weight. Use appropriate lifting techniques or equipment if necessary.
- Do not reuse the empty container for other purposes.

- **Disposal:**

- Dispose of unused product and empty containers in accordance with all local, regional, national, and international regulations. Consult your local waste disposal authority for guidance.

TROUBLESHOOTING

If you encounter issues related to machine protection while using Kärcher RM 110, consider the following common scenarios:

Problem	Possible Cause	Solution
Machine still showing signs of calcification/corrosion.	Insufficient RM 110 in tank. Incorrect dosage setting on pressure cleaner. Machine protection mode not activated. Extremely hard water conditions requiring higher dosage.	Check RM 110 level and refill. Verify pressure cleaner's dosage settings according to its manual. Ensure machine protection mode is selected. Consult Kärcher support or your pressure cleaner's manual for recommendations on very hard water.
RM 110 not being drawn into the system.	Detergent/machine protector intake hose/filter clogged. Tank cap not properly sealed (loss of suction). Pressure cleaner not set to draw from the tank.	Inspect and clean the intake hose and filter. Ensure the tank cap is securely tightened. Refer to your pressure cleaner's manual to ensure it is correctly configured to draw from the machine protector tank.

For persistent issues, refer to your Kärcher hot water high-pressure cleaner's specific troubleshooting guide or contact Kärcher customer support.

SPECIFICATIONS

Product Name	Kärcher RM 110 Machine Protector
Model Number	6.295-488.0
Brand	Kärcher

Item Volume	20 Liters
Unit Count	338.1402 Fluid Ounces
pH Value	7.0 (Neutral)
Contents	Liquid
GTIN / UPC	04039784402201

WARRANTY AND SUPPORT

For information regarding the warranty of your Kärcher RM 110 Machine Protector or for technical support, please contact Kärcher customer service or visit the official Kärcher website.

Kärcher Official Website: www.kaercher.com

Please have your product model number (6.295-488.0) and any relevant purchase information ready when contacting support.

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