

Monzana MZPP15

Monzana Pool Filter Pump MZPP15 - Instruction Manual

Model: MZPP15

1. INTRODUCTION

Thank you for choosing the Monzana Pool Filter Pump MZPP15. This pump is designed to provide efficient and reliable water circulation and filtration for your swimming pool, ensuring clean and hygienic water. Please read this instruction manual carefully before installation, operation, or maintenance to ensure safe and optimal performance of your pump. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of injury, electric shock, or damage to the pump.

- **Electrical Safety:** Ensure the power supply matches the pump's specifications (220-240V~50Hz). Always connect the pump to a properly grounded outlet. Never operate the pump with a damaged power cord or plug. Disconnect power before performing any maintenance or cleaning.
- **Water Safety:** Do not operate the pump if there are people in the pool. Ensure all connections are watertight to prevent leaks. The pump is protected against water jets (IPX5), but it should not be submerged.
- **Installation:** Install the pump on a stable, level surface. Ensure adequate ventilation around the pump. Keep children and unauthorized persons away from the pump during operation.
- **General:** Do not use the pump for purposes other than pool water filtration. Do not run the pump dry.

3. SETUP

Proper setup is crucial for the pump's performance and longevity. Follow these steps carefully.

3.1 Placement

Place the pump on a firm, level surface, preferably on a concrete slab or similar stable base. Ensure it is close enough to the pool for the hoses to reach without excessive tension or kinking. The pump should be protected from direct sunlight and harsh weather conditions.

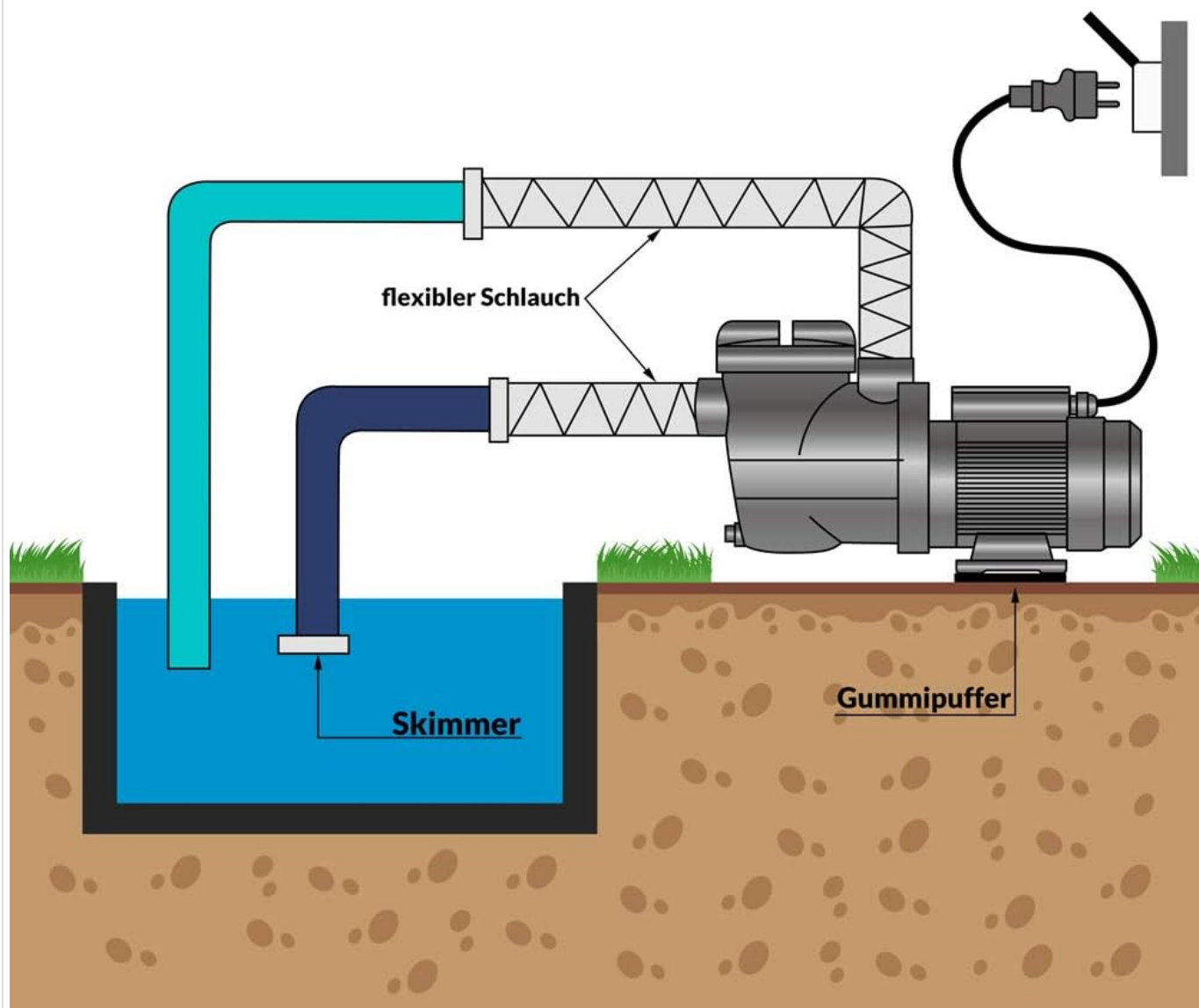
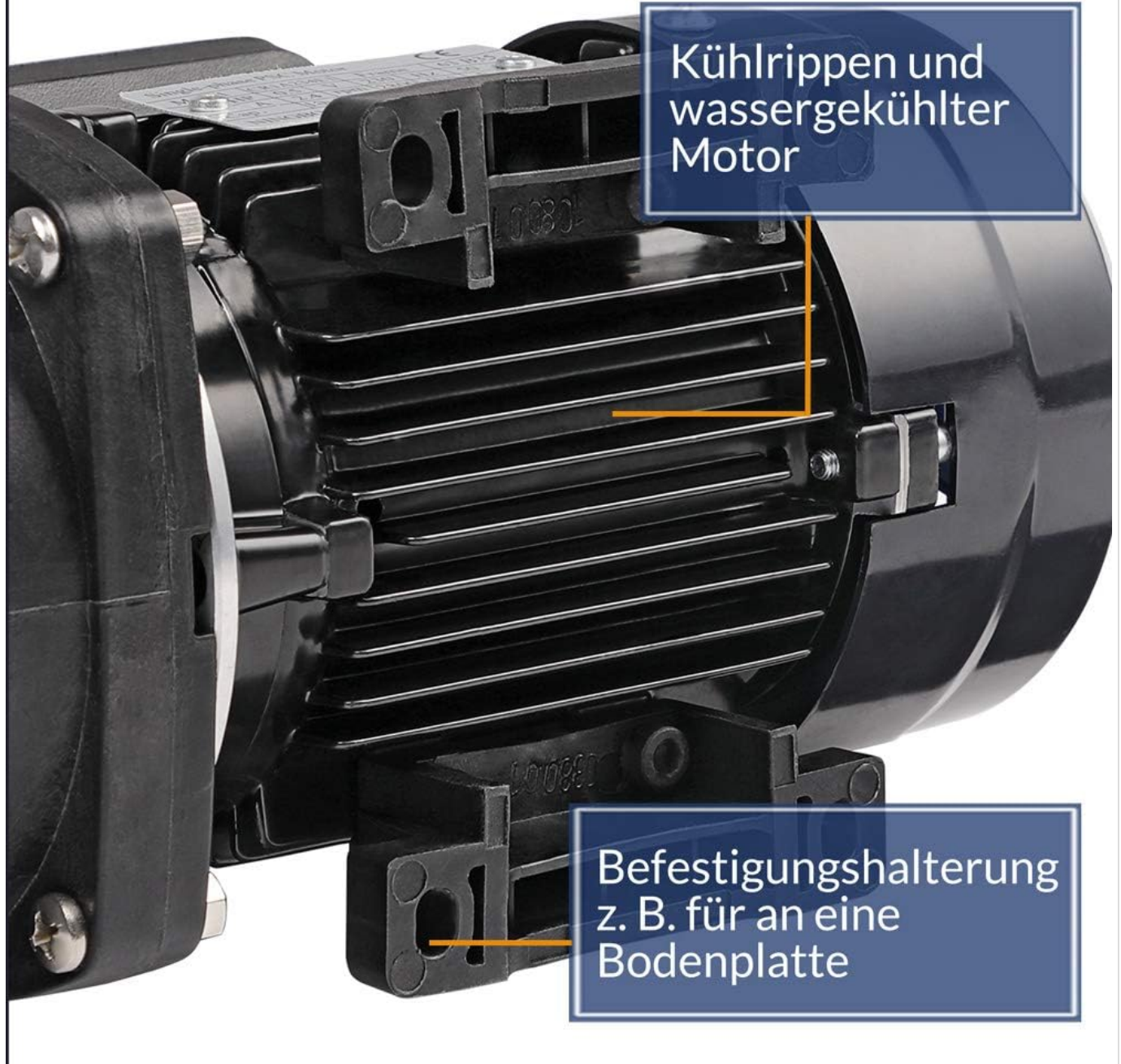


Figure 1: Typical installation diagram showing the pump connected to a pool skimmer. Ensure flexible hoses are used and the pump is placed on a stable surface with rubber buffers.

3.2 Hose Connections

Connect the pool hoses to the pump's inlet and outlet ports. The pump features 1 1/2-inch threaded connections. Ensure all connections are tight and sealed to prevent air leaks, which can affect pump performance.



Kühlrippen und
wassergekühlter
Motor

Befestigungshalterung
z. B. für an eine
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Figure 2: Detail of the 1 1/2-inch hose connection and the pre-filter basket. This connection is suitable for standard pool hoses or adapters.

3.3 Priming the Pump

Before starting the pump for the first time, it must be primed with water to prevent dry running. Open the pre-filter lid and fill the pre-filter housing completely with water. Close the lid securely. Ensure the pool water level is sufficient for the pump to draw water.



Figure 3: The pre-filter unit, which should be filled with water during priming. The transparent lid allows for easy inspection of the filter basket.

4. OPERATING INSTRUCTIONS

Once the pump is properly installed and primed, you can begin operation.

1. **Power On:** Plug the power cord into a grounded electrical outlet. The pump will start circulating water.
2. **Monitoring:** Observe the water flow. A strong, consistent flow indicates proper operation. If the flow is weak or intermittent, check for air leaks, blockages, or insufficient water level in the pool.
3. **Run Time:** The optimal run time depends on your pool size and usage. Generally, circulating the entire pool volume 1-2 times per day is recommended.
4. **Pre-filter Function:** The integrated pre-filter captures coarse dirt and particles up to 3mm, protecting the pump impeller from damage. It is also suitable for adding chlorine tablets.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Monzana pool pump.

5.1 Cleaning the Pre-filter

The pre-filter basket should be inspected and cleaned regularly, depending on pool usage and debris levels. A dirty pre-filter can reduce pump performance.

1. **Disconnect Power:** Always turn off and unplug the pump before cleaning.
2. **Open Pre-filter:** Unscrew the transparent lid of the pre-filter housing.
3. **Remove Basket:** Carefully lift out the filter basket.
4. **Clean:** Rinse the basket thoroughly with water to remove all debris.
5. **Reassemble:** Place the clean basket back into the housing, ensuring it sits correctly. Fill the housing with water, then securely close the lid.

5.2 General Inspection

Periodically check hoses, connections, and the pump housing for any signs of wear, damage, or leaks. Ensure the pump's cooling fins are free from obstructions to maintain efficient motor cooling.



Figure 4: The motor unit with cooling fins. Regular inspection ensures proper heat dissipation and prevents overheating.

5.3 Winterization

Before freezing temperatures set in, drain all water from the pump and hoses. Store the pump in a dry, frost-free location. This prevents damage from freezing water.

6. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Pump does not start	No power supply Thermal overload protection activated Motor fault	Check power connection and circuit breaker Allow pump to cool down, then restart Contact customer support
Low water flow or no flow	Clogged pre-filter Air leak in suction line Insufficient water level in pool Hose blockage	Clean pre-filter basket (see Section 5.1) Check all hose connections for tightness Ensure pool water level is above skimmer Inspect hoses for kinks or debris
Pump is noisy	Air in the system Pump running dry Debris in impeller	Check for air leaks, re-prime pump Ensure pump is primed and water level is sufficient Disconnect power and inspect impeller for obstructions

7. SPECIFICATIONS

Technical data for the Monzana Pool Filter Pump MZPP15.

- **Model:** MZPP15
- **Power Supply:** 220-240V~50Hz
- **Max. Power:** 450 W
- **Max. Flow Rate:** 9,960 l/h
- **Max. Delivery Head:** 9 m
- **Protection Class:** IPX5 (Protected against water jets)
- **Cable Length:** 2.0 m
- **Connection Diameter:** 1 1/2 inches
- **Material:** Polypropylene, Fiberglass
- **Dimensions (L x H x W):** Approximately 42 cm x 22 cm x 14 cm



Figure 5: Dimensions of the Monzana Pool Filter Pump MZPP15.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question