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Irripool EU 1.5 CV Mono

Irripool EU 1.5 HP Single-Phase Pool Pump Instruction Manual

Model: EU 1.5 CV Mono

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Irripool EU 1.5 HP Single-Phase Pool Pump. Please read these instructions carefully before using the pump and keep this manual for future reference.

The Irripool pool pump is a self-priming unit designed for swimming pool filtration systems. It features a robust construction and a large capacity pre-filter, ensuring reliable performance and longevity.

2. Safety Instructions

WARNING: Failure to follow these safety instructions can result in serious injury or death.

- Always disconnect power to the pump before performing any installation, maintenance, or service.
- Installation and electrical connections must be performed by a qualified technician in accordance with local electrical codes.
- Do not operate the pump if it is damaged or if any electrical components are exposed to water.
- Ensure the pump is properly grounded to prevent electric shock.
- Keep children and unauthorized persons away from the pump and pool equipment area.
- Never run the pump dry. Ensure the pump is fully primed with water before starting.

3. Product Overview

The Irripool EU 1.5 HP Single-Phase Pool Pump is engineered for durability and quiet operation. Key components include:

- **Pump Body:** Constructed from polypropylene and fiberglass for chemical resistance and longevity.
- **Impeller and Diffuser:** Made from Noryl for efficient water flow.
- **Pre-filter Basket:** Large capacity polypropylene basket to capture debris.
- **Transparent Lid:** Polycarbonate lid allows easy inspection of the pre-filter basket. Features a high-security

clamping handle closure system.



Image: Irripool EU 1.5 HP Single-Phase Pool Pump. This image shows the overall design of the pump, highlighting its compact structure and the transparent pre-filter lid.

4. Setup and Installation

Proper installation is crucial for the pump's performance and lifespan.

1. **Positioning:** The pump must be installed in a horizontal position due to its integrated pre-filter.
2. **Location:** It is recommended to fix the pump below the water level of the pool. The difference in level between the pump and the water surface should not exceed 2 meters (approximately 6.5 feet).
3. **Mounting:** Secure the pump to a solid, level surface to minimize vibration and noise.
4. **Plumbing:** Connect the suction and discharge pipes to the pump. Ensure all connections are watertight using appropriate sealants and fittings.
5. **Electrical Connection:** Connect the pump to a dedicated, properly grounded electrical circuit protected by a Residual Current Device (RCD). Consult a qualified electrician for this step.
6. **Priming:** Before initial startup, fill the pump casing and pre-filter basket with water to ensure proper priming.

5. Operating Instructions

Follow these steps for safe and effective operation of your Irripool pump.

1. **Initial Start-up:** After installation and priming, ensure all valves are open to allow water flow. Turn on the power supply to the pump. The pump should start drawing water and circulating it through the filtration system.
2. **Monitoring:** Regularly check the pressure gauge on your filter (if applicable) and observe the water flow. A significant drop in flow or increase in pressure may indicate a clogged pre-filter or filter.
3. **Shut-down:** To turn off the pump, simply switch off the power supply. For extended periods of non-use (e.g., winterization), follow maintenance procedures for draining and storage.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your pump.

- **Pre-filter Cleaning:** The transparent lid allows you to visually inspect the pre-filter basket. When debris accumulates, turn off the pump, disconnect power, open the lid using the clamping handle, remove and clean the basket. Reinstall the basket, close the lid securely, and re-prime the pump before restarting.
- **Pump Body:** The polypropylene pump body is resistant to common pool chemicals like chlorine and bromine. Periodically inspect the pump body for any signs of damage or leaks.
- **Winterization:** In cold climates, drain all water from the pump and plumbing to prevent freezing damage. Store the pump in a dry, protected area if possible.

7. Troubleshooting

Here are some common issues and their potential solutions:

- **Pump not starting:** Check power supply, circuit breaker, and electrical connections. Ensure the motor is not seized.
- **No water flow or low flow:** Check if the pump is primed. Inspect the pre-filter basket for clogs. Check for blockages in suction or discharge lines. Ensure all valves are open.
- **Excessive noise:** Check for air leaks in the suction line (which can cause cavitation). Ensure the pump is securely mounted. Inspect the impeller for debris.
- **Water leak:** Check all plumbing connections for tightness. Inspect O-rings and gaskets for wear or damage.

If you encounter persistent problems, contact a qualified pool technician or Irripool customer support.

8. Specifications

Irripool EU 1.5 HP Single-Phase Pool Pump

Brand:	Irripool
Model:	EU 1.5 CV Mono
Power:	1.5 HP (1.1 kW)
Flow Rate:	21.9 m³/h
Dimensions (L x W x H):	565 x 298 x 280 mm
Material:	Polypropylene (PP) and Fiberglass pump body, Noryl impeller/diffuser
Item Weight:	9 Kilograms
ASIN:	B00JQGAJZ0

Dimensional and Flow Rate Table for Irripool Pumps

KW	HP	A	B	C	D	E	F	H	L	Max Flow Rate
0.37	0.5 HP	216	278	2"	217	265.5	115	298	542	8 m³/h
0.55	0.75 HP	216	278	2"	217	265.5	115	298	542	11.5 m³/h
0.75	1 HP	216	278	2"	217	265.5	115	298	542	15.4 m³/h

KW	HP	A	B	C	D	E	F	H	L	Max Flow Rate
1.1	1.5 HP	216	278	2"	217	265.5	115	298	565	21.9 m³/h
1.5	2 HP	216	278	2"	217	265.5	115	298	585	25.7 m³/h

Note: Dimensions A, B, C, D, E, F, H, L refer to specific measurements on the pump diagram (diagram not provided in this manual).

9. Warranty and Support

Irripool products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided with your purchase or contact your local dealer.

For technical support, spare parts, or service inquiries, please contact Irripool customer service or your authorized service center. When contacting support, please have your pump model (EU 1.5 CV Mono) and ASIN (B00JQGAJZ0) available.

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