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› Imagitarium IN-CIRC 300 Water Pump Instruction Manual

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Imagitarium IN-CIRC 300 Water Pump Instruction Manual

Model: IN-CIRC 300 | Brand: Imagitarium

PRODUCT OVERVIEW

The Imagitarium IN-CIRC 300 Water Pump is a versatile pump designed for moving water in various aquatic environments. It is suitable for use in aquariums, filtration systems, ponds, and fountains. This pump supports both wet (submersible) and dry applications and includes multiple adaptors for connecting to different tubing sizes.

Key features include:

- Rated for 90-300 Gallons Per Hour (GPH) flow.
- Adjustable water flow valve for precise control.
- Includes 1/2-inch, 5/8-inch, and 3/4-inch hose connectors.
- Equipped with cord management suction cups.
- Comes with 4 suction cups for secure placement.
- Maximum lift height (head lift) of 3.6 feet.



Figure 1: The Imagitarium IN-CIRC 300 Water Pump, showcasing its compact design and black finish.

SAFETY INFORMATION

Please read and understand all safety instructions before operating this pump. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Always disconnect the power supply before performing any maintenance, installation, or cleaning. Ensure the pump is connected to a properly grounded outlet. Do not operate the pump if the power cord or plug is damaged.
- **Water Immersion:** This pump is designed for both submersible (wet) and non-submersible (dry) applications. Ensure proper sealing and connections for dry applications to prevent leaks.
- **Children and Pets:** Keep the pump and its components out of reach of children and pets.
- **Intended Use:** Use this pump only for its intended purpose of circulating water in aquariums, ponds, or fountains. Do not use with flammable liquids or for purposes other than water circulation.
- **Temperature:** Do not operate the pump in water temperatures exceeding 95°F (35°C).

PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- Imagitarium IN-CIRC 300 Water Pump
- Adjustable water flow valve (integrated or separate component)
- Hose connectors: 1/2-inch, 5/8-inch, and 3/4-inch
- 4 Suction Cups for mounting
- Cord management suction cups



Figure 2: Included hose connectors (1/2-inch, 5/8-inch, 3/4-inch) and suction cups for the water pump.

SETUP INSTRUCTIONS

1. **Choose Application Type:** Determine if the pump will be used in a wet (submersible) or dry (non-submersible) application.
2. **Attach Hose Connector:** Select the appropriate hose connector (1/2-inch, 5/8-inch, or 3/4-inch) for your tubing and securely attach it to the pump's outlet. Ensure a tight fit to prevent leaks.
3. **Positioning the Pump:**
 - **Submersible Use:** Place the pump completely submerged in water, ensuring the water level is above the pump's intake. Use the included suction cups to secure the pump to the bottom or side of the tank/pond.
 - **Dry Use:** Position the pump outside the water source, ensuring it is below the water level to allow for gravity-fed intake. Connect the intake tubing securely. The pump must be primed before operation in dry applications.



Figure 3: Bottom view of the pump showing the four suction cups for secure mounting.

4. **Connect Tubing:** Attach your desired tubing to the selected hose connector on the pump's outlet. Secure with a hose clamp if necessary (not included).
5. **Power Connection:** Ensure your hands are dry. Plug the pump's power cord into a grounded electrical outlet. Do not plug in the pump until it is properly positioned and connected.

OPERATING INSTRUCTIONS

1. **Initial Start-up:** After setup and power connection, the pump will begin to circulate water. For dry applications, ensure the pump is primed by filling the intake line with water before starting.
2. **Adjusting Water Flow:** The pump features an adjustable water flow valve. Rotate the valve to increase or decrease the water flow rate according to your requirements. The pump is rated for 90-300 GPH.
3. **Monitoring Performance:** Observe the water flow and ensure the pump is operating smoothly. The maximum head lift is 3.6 feet; exceeding this may reduce flow or strain the pump.
4. **Shutting Down:** To turn off the pump, simply unplug it from the electrical outlet.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Imagitarium IN-CIRC 300 Water Pump.

1. **Disconnect Power:** Always unplug the pump from the power outlet before performing any maintenance or cleaning.
2. **Regular Cleaning:** Periodically clean all pump parts. Use a clean, soft towel to wipe down the exterior. For internal components, disassemble the pump carefully (refer to diagram on packaging if available) and clean the impeller and housing to remove any debris, algae, or mineral buildup. A small brush can be helpful for hard-to-reach areas.
3. **Impeller Inspection:** Inspect the impeller for any signs of wear, damage, or obstructions. A damaged impeller can reduce pump efficiency or cause noise.
4. **Hose and Connector Check:** Regularly check all hose connections for leaks and ensure tubing is free of kinks or blockages.
5. **Reassembly:** After cleaning, reassemble the pump carefully, ensuring all seals are properly seated.



Figure 4: Product packaging showing a diagram of the pump and its components, useful for disassembly and reassembly during cleaning.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start or runs intermittently.	No power; clogged impeller; damaged impeller; airlock (dry application).	Check power connection. Disconnect power and clean impeller. Inspect impeller for damage. For dry applications, ensure pump is primed.
Reduced water flow.	Clogged intake/impeller; kinked tubing; excessive head lift; flow valve closed.	Disconnect power and clean intake/impeller. Straighten tubing. Ensure head lift is within 3.6 feet. Open flow valve.
Pump is noisy.	Debris in impeller; worn impeller; pump not fully submerged (submersible use); vibration.	Disconnect power and clean impeller. Replace impeller if worn. Ensure pump is fully submerged. Secure pump with suction cups to reduce vibration.

Problem	Possible Cause	Solution
Water leaks from pump or connections.	Loose hose connections; damaged seals; improper assembly for dry application.	Ensure all hose connectors are tightly secured. Inspect seals for damage and replace if necessary. For dry applications, verify all connections are properly sealed and the pump is correctly assembled.

SPECIFICATIONS

Model Number	IN-CIRC 300 (Part Number: RP-SM)
Brand	Imagitarium
Flow Rate	90-300 GPH (Gallons Per Hour)
Maximum Head Lift	3.6 feet
Dimensions (Approx.)	3 IN W X 5.5 IN H
Weight (Approx.)	1.13 pounds
Color	Black
Hose Connectors Included	1/2-inch, 5/8-inch, 3/4-inch
Application	Wet (submersible) and Dry

WARRANTY AND SUPPORT

Specific warranty information for the Imagitarium IN-CIRC 300 Water Pump is not provided in the product details. For warranty claims, technical support, or replacement parts, please contact Imagitarium customer service or refer to the retailer's return policy where the product was purchased.

Please retain your purchase receipt as proof of purchase for any warranty or support inquiries.

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