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LANCHEZ Q400206

LANCHEZ 1/2HP Automatic Pool Cover Pump

Model: Q400206 User Manual

1. Introduction

Thank you for choosing the LANCHEZ 1/2HP Automatic Pool Cover Pump, Model Q400206. This submersible pump is designed for efficient water removal from pool covers, hot tubs, rooftops, and other areas where standing water accumulates. Featuring an automatic on/off switch, robust construction, and multiple adapter options, this pump provides reliable performance. Please read this manual thoroughly before installation and operation to ensure safe and effective use.



Figure 1.1: Overview of the LANCHEZ Automatic Pool Cover Pump highlighting key features like overload protection, corrosion resistance, automatic switch, and energy-efficient motor.



Figure 1.2: Various applications for the pump, including pool covers, tarps, hot tubs, and above-ground pools.

2. Safety Information

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

2.1 Electrical Safety

- Always connect the pump to a properly grounded outlet.
- Do not operate the pump with a damaged cord or plug. Replace immediately.
- Do not use extension cords. If necessary, consult a qualified electrician for proper wiring.
- Keep all electrical connections dry and away from water.
- Never handle the pump or its plug with wet hands.
- Ensure the power supply matches the voltage rating specified on the pump label (115V/60Hz).

2.2 General Safety

- This pump is designed for clear water only. Do not use it for flammable liquids, corrosive chemicals, or sewage.
- Do not run the pump dry. Ensure it is fully submerged in water during operation to prevent overheating.
- Keep children and pets away from the pump during operation.
- Always disconnect power before performing any maintenance or cleaning.
- Do not lift or carry the pump by its power cord. Use the integrated handle or the provided hauling rope.
- The pump features built-in thermal overload protection to prevent motor damage from overheating. If the pump stops unexpectedly, disconnect power, allow it to cool, and check for obstructions before restarting.



Figure 2.1: Illustration of the built-in overload protection feature, designed to prevent motor overheating.



Figure 2.2: The pump enters a no-load protection state if it tilts or fails to stop automatically, running for 30 seconds before shutting off.

3. Package Contents

Carefully unpack all components and inspect for any damage. If any parts are missing or damaged, please contact customer service.

- LANCHEZ 1/2HP Automatic Pool Cover Pump (Model Q400206)
- 3/4" GHT Adapter
- 1" NPT Adapter
- 1-1/4" Multi-port Manifold Adapter
- Check Valve
- 25ft Nylon Hauling Rope
- User Manual

4. Setup

4.1 Connecting the Discharge Hose

1. Select the appropriate adapter (3/4", 1", or 1-1/4") for your discharge hose.
2. Thread the chosen adapter onto the pump's discharge port. Ensure a tight seal.
3. Attach your garden hose or discharge hose to the adapter.
4. Install the check valve (if desired) between the pump and the discharge hose. Ensure the

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