

Aqua Medic 4025901108309

Aqua Medic Titan 1500 Chiller User Manual

MODEL: 4025901108309

1. Introduction

Thank you for choosing the Aqua Medic Titan 1500 Chiller. This device is designed to maintain a stable and optimal water temperature in your aquarium or aquatic system, crucial for the health and well-being of sensitive aquatic life. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your chiller.

Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage to the unit or injury.

2. Safety Instructions

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the chiller is connected to a grounded electrical outlet with the correct voltage as specified on the product label.
- Do not operate the chiller if the power cord or plug is damaged.
- Never immerse the chiller unit in water or other liquids.
- Disconnect the power supply before performing any maintenance, cleaning, or when the unit is not in use.
- Keep the chiller away from direct sunlight, heat sources, and areas with high humidity.
- Ensure adequate ventilation around the unit to prevent overheating. Do not block air inlets or outlets.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Use only genuine Aqua Medic replacement parts and accessories.

3. Product Overview and Components

The Aqua Medic Titan 1500 Chiller is a compact and efficient cooling unit. Familiarize yourself with its main components:



Figure 1: Front view of the Aqua Medic Titan 1500 Chiller. Shows the digital temperature display, control buttons, and the main air intake grille.



Figure 2: Side view of the Aqua Medic Titan 1500 Chiller. Illustrates the power switch and the entry point for the power cord.

Typical Package Contents: (Note: Actual contents may vary)

- Aqua Medic Titan 1500 Chiller Unit
- Power Cord
- Hose Connectors (e.g., for 16/22mm or 19/25mm hoses)
- User Manual (this document)

4. Setup and Installation

1. **Unpacking:** Carefully remove the chiller from its packaging. Inspect for any signs of damage during transit. If damaged, do not operate and contact your supplier.
2. **Placement:**

- Place the chiller on a stable, level surface.
- Ensure there is ample space (at least 20 cm or 8 inches) around all sides of the chiller, especially the air intake and exhaust vents, for proper air circulation.
- Avoid placing the chiller in direct sunlight or near heat-generating equipment.

3. Water Connections:

- Identify the inlet and outlet ports on the chiller.
- Connect appropriate aquarium hoses (typically 16/22mm or 19/25mm, depending on your pump and system) to the chiller's hose connectors. Secure connections with hose clamps to prevent leaks.
- Connect the inlet hose from your aquarium's water pump (or sump return pump) to the chiller's inlet.
- Connect the outlet hose from the chiller to your aquarium or sump return.
- Ensure all connections are tight and leak-free.

4. Electrical Connection:

- Before plugging in, ensure your water pump is running and water is flowing through the chiller. This prevents the chiller from running dry.
- Plug the chiller's power cord into a grounded electrical outlet.

5. Operating Instructions

1. **Power On:** Once water flow is established, switch on the chiller using the power switch (refer to Figure 2). The digital display will illuminate.
2. **Setting Temperature:**
 - The display will show the current water temperature.
 - Press the "SET" button (or equivalent, refer to your specific model's button layout) to enter temperature setting mode.
 - Use the "UP" and "DOWN" arrows to adjust the desired temperature.
 - Press "SET" again to confirm your selection. The chiller will now work to maintain the set temperature.
3. **Normal Operation:** The chiller will automatically turn on when the water temperature rises above the set point and turn off once the desired temperature is reached. Allow some time for the chiller to stabilize the water temperature, especially during initial setup.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your chiller.

- **Cleaning Air Filters/Coils:** Periodically (e.g., monthly), check and clean the air intake filters and condenser coils. Dust and debris can accumulate, reducing cooling efficiency. Use a soft brush or vacuum cleaner to remove dust. Ensure the unit is unplugged before cleaning.
- **Water Flow Check:** Regularly inspect hoses and connections for kinks, blockages, or leaks. Ensure consistent water flow through the chiller.
- **General Cleaning:** Wipe the exterior of the chiller with a damp cloth. Do not use harsh chemicals or abrasive

cleaners.

- **Long-Term Storage:** If storing the chiller for an extended period, drain all water from the unit, clean it thoroughly, and store it in a dry, cool place.

7. Troubleshooting

Problem	Possible Cause	Solution
Chiller not turning on	No power, faulty power cord, tripped circuit breaker.	Check power connection, wall outlet, and circuit breaker. Ensure power switch is ON.
Chiller running but not cooling effectively	Blocked air vents, dirty coils, insufficient water flow, ambient temperature too high, chiller undersized.	Clean air filters and coils. Check water pump and hoses for blockages. Ensure adequate ventilation. Verify chiller capacity matches tank size.
Water leaking from connections	Loose hose clamps, damaged O-rings, cracked hose.	Tighten hose clamps. Inspect and replace O-rings or hoses if damaged.
Unusual noise from chiller	Vibrations, fan obstruction, compressor issue.	Ensure chiller is on a level surface. Check for foreign objects near the fan. If noise persists, contact support.

If the problem persists after attempting these solutions, please contact Aqua Medic customer support.

8. Specifications

- **Model Number:** 4025901108309
- **ASIN:** B001N007A4
- **Product Dimensions:** 43 x 41 x 44 cm (16.9 x 16.1 x 17.3 inches)
- **Item Weight:** 24.1 kg (53.1 lbs)
- **Power Requirements:** Refer to product label for specific voltage and frequency.

Note: Specifications are subject to change without notice. Refer to the product label for the most accurate information.

9. Warranty and Support

Aqua Medic products are manufactured to high quality standards and come with a manufacturer’s warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage.

For technical support, spare parts, or warranty claims, please contact your local Aqua Medic dealer or visit the official Aqua Medic website for contact information.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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