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Tetra Whisper Air Pump Instruction Manual

Model: 77848 (20-40 Gallon Aquariums)

1. PRODUCT OVERVIEW

The Tetra Whisper Air Pump is designed to provide reliable and consistent airflow for aquariums ranging from 20 to 40 gallons. This pump features a patented dome shape, a suspended motor, and sound-dampening chambers to minimize operational noise. Its wide footprint and rubber feet further reduce vibration, ensuring stable and quiet performance. The air pump is essential for oxygenating aquarium water and promoting water movement, which contributes to a healthy environment for aquatic life.



Image 1: Tetra Whisper Air Pump (Model 77848) for 20-40 gallon aquariums.

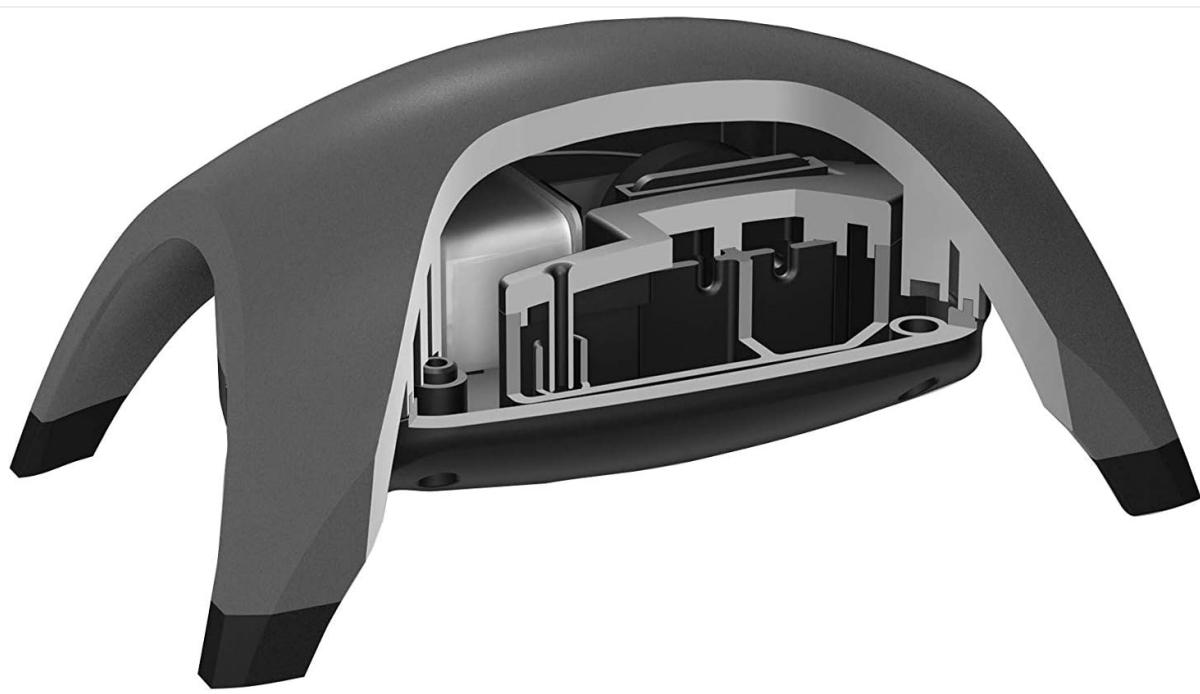


Image 2: Key features of the Tetra Whisper Air Pump, highlighting its quiet operation and efficient design.

2. SETUP INSTRUCTIONS

Follow these steps to properly set up your Tetra Whisper Air Pump:

- 1. Unpack Components:** Carefully remove the air pump and all accessories from the packaging. The package includes the air pump, a check valve, and a T-connector.
- 2. Connect Air Tubing:** Attach standard aquarium air tubing (not included) to the air outlet on the pump.
- 3. Install Check Valve:** Insert the check valve into the air tubing. The check valve prevents water from siphoning back into the air pump during a power outage, protecting the pump from water damage. Ensure the check valve is oriented correctly to allow airflow towards the aquarium.
- 4. Connect Air Stone/Accessory:** Attach the other end of the air tubing to an air stone, ornament, or other air-driven aquarium accessory (not included).
- 5. Placement:** Position the air pump above the water level of your aquarium. If the pump must be placed below the water level, ensure the check valve is properly installed and functioning to prevent back-siphoning. The flexible rubber feet provide a stable platform and help absorb vibrations.
- 6. Power Connection:** Plug the air pump into a suitable electrical outlet.



Image 3: Included accessories: check valve and T-connector.

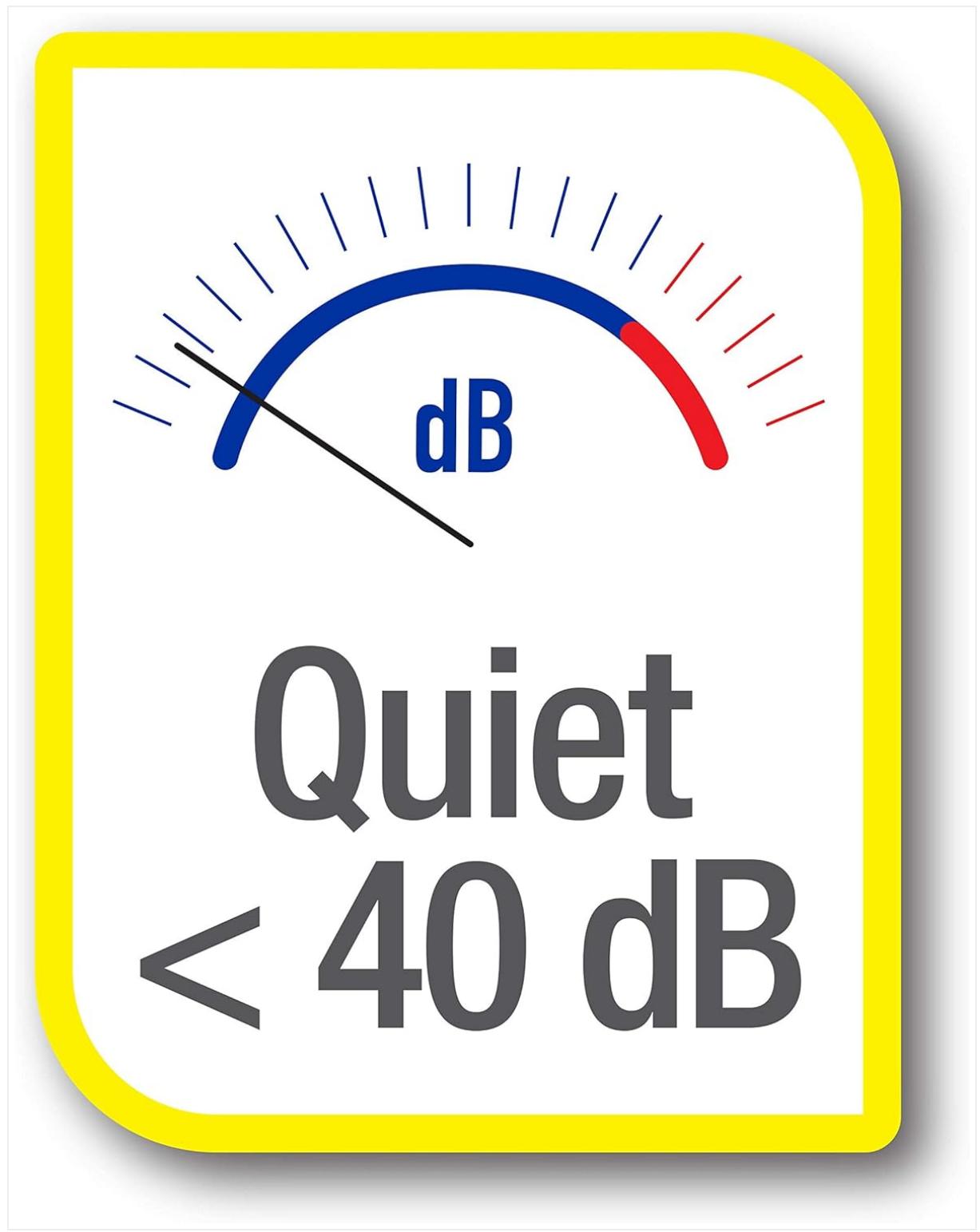


Image 4: The check valve is crucial for preventing water from entering the pump.

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Video 1: An overview of the Tetra Whisper Air Pump, demonstrating its components and basic setup.

3. OPERATING INSTRUCTIONS

Once the air pump is properly set up and connected, it will begin operating immediately upon being plugged into a power outlet. The pump is designed for continuous operation to maintain consistent aeration in your aquarium.

- **Power On/Off:** The pump does not have an external on/off switch. To operate, plug it into a power

source. To turn off, unplug the unit.

- **Airflow:** The pump provides a steady stream of air to your aquarium. The amount of bubbles produced will depend on the air stone or accessory used.
- **Noise Level:** The Tetra Whisper Air Pump is engineered for quiet operation, typically producing less than 40 dB of sound. Placing the pump on a soft surface or hanging it can further reduce any audible vibration.



Image 5: The air pump is designed for quiet operation, typically below 40 dB.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your air pump.

- **External Cleaning:** Periodically wipe the exterior of the pump with a damp cloth to remove dust and debris. Ensure the pump is unplugged before cleaning.
- **Air Filter:** Check the air intake filter (if accessible) for blockages and clean or replace as needed. A clogged filter can reduce airflow and increase noise.
- **Diaphragm Inspection:** Over time, the internal diaphragm may wear out, leading to reduced airflow or increased noise. If this occurs, the diaphragm may need to be replaced. Refer to the internal view image for component location.
- **Check Valve:** Inspect the check valve regularly to ensure it is not clogged and is allowing proper one-way airflow. Replace if damaged or blocked.



Image 6: Internal components of the air pump, including the diaphragm.

5. TROUBLESHOOTING

If you encounter issues with your Tetra Whisper Air Pump, consult the following common problems and solutions:

Problem	Possible Cause	Solution
No Airflow	Power outage; clogged air tubing/air stone; damaged diaphragm; check valve blockage.	Check power connection; clear tubing/air stone; inspect/replace diaphragm; check check valve for proper function.
Low Airflow	Clogged air filter; kinked air tubing; worn diaphragm; pump too far below water level.	Clean/replace air filter; straighten tubing; replace diaphragm; ensure proper check valve installation if below water level.
Excessive Noise/Vibration	Pump resting on a hard surface; internal component rubbing; worn diaphragm.	Place pump on a soft surface or hang it; inspect internal components for contact (refer to Video 2); replace diaphragm if worn.

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Video 2: Troubleshooting a noisy air pump by adjusting internal components.

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Video 3: Demonstration of an air pump with no bubbles, indicating a potential airflow issue.

6. SPECIFICATIONS

- **Model Name:** 77848
- **Tank Size Compatibility:** 20 to 40 gallons
- **Color:** Black
- **Material:** Plastic
- **Item Weight:** 1 Pound
- **Power Source:** Corded Electric
- **Air Flow Capacity:** 1.3 Liters Per Minute
- **Operation Mode:** Automatic
- **Item Dimensions (LxWxH):** 4.06 x 2.81 x 6.19 inches
- **Included Components:** Tetra Whisper Aquarium Air Pump, Check Valve, T-Connector



Image 7: The pump is designed for 20-40 gallon aquariums.

7. WARRANTY AND SUPPORT

This Tetra Whisper Air Pump comes with a manufacturer's warranty. For specific details regarding warranty coverage, duration, and claims, please refer to the warranty information included in your product packaging or visit the official Tetra website. For additional support, troubleshooting assistance, or to inquire about replacement parts, please contact Tetra customer service.