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› [Jebao CBF-15000 Pressurized Pond Filter with UV \(4000-gallon\) User Manual](#)

Jebao CBF-15000

Jebao CBF-15000 Pressurized Pond Filter with UV (4000-gallon) User Manual

MODEL: CBF-15000

Brand: Jebao

1. Introduction

The Jebao CBF-15000 Pressurized Pond Filter is designed to maintain clear and healthy pond water. It features an integrated 36-watt UV-C clarifier and an easy-clean mechanism for convenient maintenance. This filter is suitable for ponds up to 4000 gallons and can be installed either above water level or partially recessed into the ground.



Figure 1: Overview of the Jebao CBF-15000 Pressurized Pond Filter.

2. Important Safety Warnings

- Always disconnect the power supply before performing any maintenance or cleaning.
- Ensure the filter is installed on a stable, level surface.
- Do not operate the UV-C lamp outside of its housing, as direct exposure to UV-C radiation can be harmful to eyes and skin.
- This filter is designed for pond use only. Do not use with flammable or corrosive liquids.
- Ensure all electrical connections are waterproof and meet local safety standards.
- Do not use with a pump that produces over 17 feet (7.25 psi) of head.

3. Package Contents

Verify that all items are present in your package:

- Jebao CBF-15000 Pressurized Filter Unit
- Integrated 36-watt UV-C Lamp
- Hose adapters: 1", 1-1/4", 1-1/2", and 2" (various sizes included)

- Filter Media (sponges, bio-balls)
- User Manual

Note: Water pump and pond tubing are sold separately.

4. Setup and Installation

4.1 Placement

The CBF-15000 filter can be installed either above water level or recessed into the ground beside the pond, up to the filter lid. Ensure the chosen location is stable and allows for easy access for maintenance.

4.2 Connecting Hoses

Identify the 'In', 'Out', and 'Dirty' ports on the filter head. Attach appropriate hose adapters and connect your pond pump's output to the 'In' port, the filtered water return to the 'Out' port, and a waste hose to the 'Dirty' port for cleaning cycles.



Figure 2: Inlet, Outlet, and Dirty Water Ports.

4.3 UV-C Lamp Connection

The UV-C lamp is integrated into the filter head. Ensure its power cable is securely connected and routed safely. The filter includes an indicator light to confirm UV-C operation.



Figure 3: UV-C Indicator Light.

4.4 General Filter Features (Video Example)

This video provides a general overview of a bio pressure pond filter, demonstrating features such as a turbidity meter gauge, sponge cleaning handle, replaceable sponges, built-in UV lamp, and pipe connections. While not the exact CBF-15000 model, it illustrates common functionalities found in similar pond filters.

Your browser does not support the video tag.

Video 1: VIVOGROW Bio Pressure Pond Filter Overview (General features demonstration).

5. Operating Instructions

5.1 Initial Startup

After connecting all hoses and ensuring secure fittings, turn on your pond pump. Allow water to fill the filter completely. Once water flows out of the 'Out' port, plug in the filter's power cord to activate the UV-C lamp.

5.2 Monitoring UV-C Function

The filter head features an indicator light (refer to Figure 3) that illuminates when the UV-C lamp is

operational. Regularly check this light to ensure the UV-C clarifier is functioning correctly. If the light is off, the UV-C lamp may need replacement or troubleshooting.

6. Maintenance

6.1 Easy Clean Technology

The CBF-15000 is equipped with an easy-clean mechanism. To clean the filter sponges without opening the unit, simply pull the handle up and push it down repeatedly. This action compresses the sponges, dislodging accumulated debris. Ensure the 'Dirty' port is open to allow waste water to drain.



Figure 4: Cleaning Handle in Raised Position.



Figure 5: Cleaning Handle in Lowered Position.

6.2 Deep Cleaning and Media Replacement

For thorough cleaning or media replacement, disconnect power and open the filter unit. Remove and rinse the filter sponges and bio-balls with pond water (not tap water, to preserve beneficial bacteria). Replace media as needed. Reassemble the unit, ensuring all seals are correctly seated to prevent leaks.

6.3 UV-C Lamp Replacement

The UV-C lamp typically needs replacement every 8-12 months, or when the indicator light no longer illuminates. Disconnect power, carefully remove the old lamp, and install a new one according to the instructions provided with the replacement lamp. Avoid touching the glass of the new lamp with bare hands.

6.4 Filter Media Bag Assembly (General Example)

This video demonstrates the assembly of a filter media bag frame. While the specific product shown may differ, the principles of assembling a frame to hold filter media are applicable to various pond filtration systems.

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Video 2: Hecaty Anti-Clogging Cube Filter Box Assembly (General filter media assembly).

7. Troubleshooting

- **Water Not Clearing:** Ensure the UV-C lamp is working (check indicator light). Clean filter media thoroughly. Verify pump flow rate is adequate for pond size and filter specifications.
- **Leaks:** Check all hose connections for tightness. Inspect O-rings and seals on the filter head and housing for proper seating and damage.
- **UV-C Indicator Light Off:** Confirm the filter is plugged in. The UV-C lamp may be burnt out and requires replacement.
- **Reduced Flow:** Filter media may be clogged. Perform an easy-clean cycle or a deep clean. Check for kinks in hoses.

8. Specifications

Feature	Specification
Model Number	CBF-15000
Max Pond Size	4000 gallons
Max Operating Pressure	7.25 psi / 17 ft. of head
UV Power	36-watt, 110-120V 60Hz
Product Dimensions	16.5" x 17" x 24" (Width x Depth x Height)
Item Weight	23 pounds
Hose Adapter Sizes	1", 1-1/4", 1-1/2", 2"
Manufacturer	Jebao

9. Warranty and Support

For warranty information, technical support, or replacement parts, please contact Jebao customer service. Keep your purchase receipt and product model number (CBF-15000) handy for faster service. Typical warranty periods for pond equipment vary. Please refer to your purchase documentation or the manufacturer's official website for specific warranty terms and conditions.