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› **JBL FilterPad VL-120/250 Model 6220100 Instruction Manual**

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1. INTRODUCTION

The JBL FilterPad VL-120/250 is a high-quality cotton fleece filter media designed for use with JBL CristalProfi aquarium filters. It provides effective mechanical and biological filtration, contributing to clear and healthy aquarium water. This product is specifically cut to size for JBL CristalProfi 120 and CristalProfi 250 models.



Image 1: JBL FilterPad VL-120/250 product packaging, showing the brand 'JBL UniClear' and compatibility with CristalProfi 120 and 250.

2. INSTALLATION GUIDE

Follow these steps to correctly install the JBL FilterPad VL-120/250 into your aquarium filter:

- 1. Preparation:** Ensure the aquarium filter is turned off and disconnected from the power supply before beginning installation.
- 2. Access Filter:** Open the filter housing according to the specific instructions provided with your JBL CristalProfi filter model.
- 3. Remove Old Media:** Carefully remove any old or used filter media from the designated compartment.
- 4. Insert New FilterPad:** Place the JBL FilterPad VL-120/250 into the appropriate filter basket or compartment. Ensure it fits snugly without obstructing water flow or causing any deformation.

5. **Secure Filter:** Close the filter housing securely, ensuring all seals are properly seated to prevent leaks.
6. **Reconnect Power:** Reconnect the filter to the power supply and turn it on. Monitor for proper operation and any signs of leakage.

3. OPERATING PRINCIPLES

The JBL FilterPad VL-120/250 functions through a dual filtration process:

- **Mechanical Filtration:** The fine cotton fleece material effectively traps suspended particles, debris, and other impurities from the aquarium water. This physical removal of particulate matter contributes to water clarity.
- **Biological Filtration:** The porous structure of the fleece provides a significant surface area for beneficial nitrifying bacteria to colonize. These bacteria play a crucial role in the nitrogen cycle, breaking down harmful ammonia and nitrites into less toxic nitrates.

4. MAINTENANCE

Regular maintenance of your filter pad is essential for optimal aquarium health.

- **Inspection:** Regularly inspect the filter pad for signs of heavy soiling or clogging.
- **Replacement Frequency:** Replace the filter pad when it appears heavily soiled, discolored, or when water flow through the filter significantly decreases. Replacement frequency typically ranges from every 1 to 4 weeks, depending on aquarium stocking levels, feeding habits, and overall bioload.
- **Replacement Procedure:** To replace the filter pad, follow the installation steps outlined in Section 2 in reverse order.
- **Disposal:** Do not rinse and reuse heavily soiled filter pads, as this can release trapped pollutants and debris back into the aquarium water. Dispose of used filter pads responsibly.

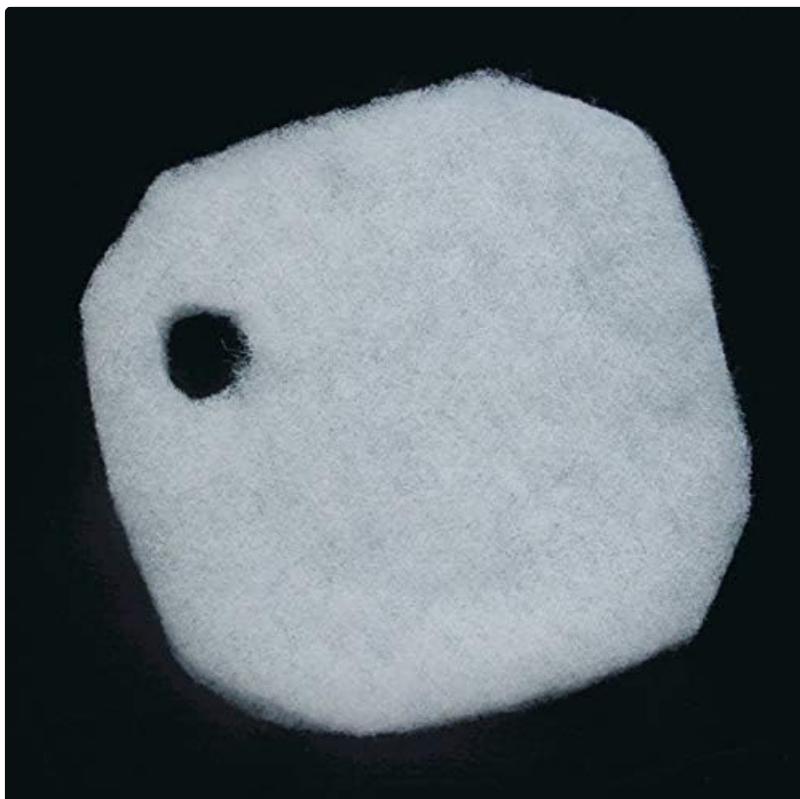


Image 2: A single JBL FilterPad VL-120/250, showing its white cotton fleece material and pre-cut shape.

5. TROUBLESHOOTING

If you encounter issues with your filter system after installing the JBL FilterPad, consider the following:

- **Reduced Water Flow:** If the water flow from your filter is significantly reduced, check if the filter pad is clogged. Replace the filter pad if it is heavily soiled. Also, ensure that the filter is properly assembled and all connections are secure.
- **Cloudy Water:** If your aquarium water remains cloudy after filter pad replacement, it may indicate other issues. Check other filter media (e.g., biological or chemical media) for cleanliness and effectiveness. Additionally, test your aquarium's water parameters (ammonia, nitrite, nitrate) to identify potential imbalances.

6. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	JBL
Pet Type	Fish
Product Dimensions	18.5 x 3.5 x 23 cm
Item Model Number	6220100
Material Composition	Synthetic fibre
Color	White
Size Compatibility	For CristalProfi 120/250 (also listed as For CP 500 in some specifications)
Number of Items (per pack)	2
Item Weight	21 g