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› [JBL CristalProfi E702 Greenline External Aquarium Filter 700 L/H User Manual](#)

## JBL E702

# JBL CristalProfi E702 Greenline External Aquarium Filter

Model: E702 (Product Number: 6028100.0)

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## 1. INTRODUCTION

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The JBL CristalProfi E702 Greenline is an external aquarium filter designed to provide clean and healthy water for aquariums ranging from 60 to 200 liters (60 to 100 cm in length). This closed-circuit system features ultra-quiet operation with a flow rate of 700 liters per hour. It incorporates patented pre-filtration with a 100% larger surface area compared to previous models, ensuring efficient mechanical and biological filtration. The filter is TÜV technical controlled for safety and offers high energy efficiency, consuming less power than comparable older models.

Key features include a built-in quick priming device for easy startup, 360° swivel hose connections, and easily replaceable filter media.



The product packaging for the JBL CristalProfi E702 Greenline external filter, highlighting its features like 2+2 year warranty, TÜV certification, and 9W energy efficiency.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the filter is placed below the aquarium water level to function correctly.
- Always disconnect the power supply before performing any maintenance, cleaning, or assembly tasks.
- Do not operate the filter if the power cord or plug is damaged.
- Ensure all connections are secure and leak-free before starting the filter.

- This appliance is for indoor use only and must not be exposed to water splashes or rain.
- Keep out of reach of children.
- Do not use the filter for purposes other than filtering aquarium water.

### 3. PACKAGE CONTENTS

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Carefully unpack all components and check for any damage. The package should contain the following items:

- JBL CristalProfi E702 Greenline External Filter Unit
- Hoses (12/16 mm)
- Inlet and Outlet Tubes
- Suction Filter (Inlet Strainer)
- Elbow Connectors
- Suction Cups for hose fixation
- Filter Media (Biofiltration balls and foam)



*An overview of the JBL CristalProfi E702 Greenline external filter unit along with all included accessories such as hoses,*

## 4. SETUP INSTRUCTIONS

The JBL CristalProfi E702 Greenline is designed for easy assembly and quick startup. Follow these steps for proper installation:

### 4.1. Preparing the Filter Media

1. Open the filter head by releasing the clamps.
2. Remove the media baskets. Rinse all filter media (biofiltration balls and foam) thoroughly under tap water to remove any manufacturing dust.
3. Place the filter media back into the baskets in the correct order as shown in the diagram. Typically, coarser media (pre-filter foam) goes at the bottom, followed by biological media (balls), and finer media at the top.
4. Ensure the pre-filter foam is correctly seated in its designated compartment.
5. Close the filter head securely with the clamps.



An exploded view diagram illustrating the various layers of filter media inside the JBL CristalProfi E702, including pre-filter foam, biofiltration balls (MicroMec), and other specialized media.

## 4.2. Connecting Hoses and Tubes

1. Attach the inlet and outlet tubes to the aquarium. Use the provided suction cups to secure them firmly to the aquarium glass.
2. Connect the hoses (12/16 mm) to the inlet and outlet tubes. Ensure a tight fit.
3. Connect the other ends of the hoses to the filter unit's inlet and outlet connectors. The connections are 360° swivel for flexible positioning.
4. Ensure all hose connections are secure to prevent leaks.

## 4.3. Positioning the Filter

Place the filter unit below the aquarium. The filter relies on gravity for priming and efficient operation, so it must be positioned lower than the water level in the aquarium.

# CRISTAL PROFI®

# JBL

# NEW

# e 702



## greenline

Schnellstart  
Quick priming  
Amorçage  
rapide

## AQUARIEN- AUSSENFILTER

## AQUARIUM EXTERNAL FILTER

## FILTRE EXTÉRIEUR POUR AQUARIUM

JBL CristalProfi®  
greenline

Spart - saves - économie  
Energie - energy - d'énergie  
**31%**

Energy  
**9W**  
efficient

All  
inclusive  
Plug and  
Play

**+100%\***

**2+2\*** Jahre Garantie  
Year Guarantee  
Ans de garantie



\*Registrierung erforderlich / Registration required / Enregistrement nécessaire



A detailed view of the JBL CristalProfi E702 external filter unit, showing the internal structure with stacked media baskets and the top pump head.

## 5. OPERATING INSTRUCTIONS

### 5.1. Priming the Filter

The JBL CristalProfi E702 features a built-in quick priming device:

1. Ensure all hoses are connected and the filter is positioned below the aquarium.
2. Open the water stop valves on the filter head.

3. Press the quick priming button (usually a large button on top of the filter head) repeatedly until water starts flowing into the filter unit and fills it completely. This eliminates air from the system.
4. Once the filter is full of water and no more air bubbles are visible, proceed to start the pump.

## 5.2. Starting the Filter

1. After priming, plug the filter's power cord into a suitable electrical outlet.
2. The filter pump will start, and water will begin to circulate through the system.
3. Check for any leaks around the filter head and hose connections.
4. The filter operates with an ultra-quiet performance, providing a flow rate of 700 liters per hour.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your JBL CristalProfi E702 Greenline filter. The filter features an indicator for filter change, which signals when maintenance is due.

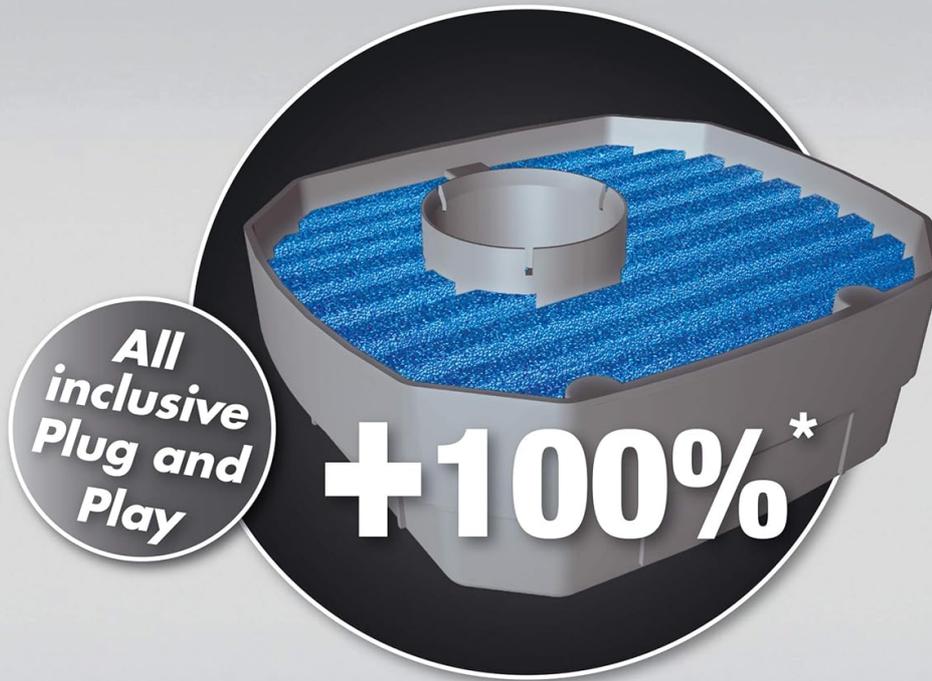
### 6.1. Cleaning the Pre-filter

The patented pre-filtration system with its large surface area is designed for easy cleaning. The pre-filter foam should be cleaned more frequently than the main filter media.

1. Disconnect the filter from the power supply.
2. Close the water stop valves on the filter head.
3. Release the clamps and carefully remove the filter head.
4. Access and remove the pre-filter foam.
5. Rinse the pre-filter foam thoroughly under lukewarm tap water until clean. Do not use soap or detergents.
6. Reinsert the clean pre-filter foam and reassemble the filter head.
7. Open the water stop valves and re-prime the filter before reconnecting power.

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**JBL**



*A close-up view of the patented pre-filter design of the JBL CristalProfi E702, emphasizing its 100% larger surface area for efficient mechanical filtration.*

## 6.2. Cleaning/Replacing Main Filter Media

The main filter media (biological balls and other foams) should be cleaned or replaced less frequently, typically every few months or as indicated by the filter change indicator.

1. Follow steps 1-3 from "Cleaning the Pre-filter".
2. Carefully remove the media baskets.
3. Rinse biological media in old aquarium water (not tap water) to preserve beneficial bacteria. Mechanical media can be rinsed in tap water.
4. Replace any worn-out or heavily clogged filter media with new JBL CristalProfi E702 compatible media.
5. Reassemble the filter in the correct order, ensuring all baskets are properly seated.
6. Close the filter head securely, open water stop valves, prime, and restart the filter.

## 7. TROUBLESHOOTING

If you encounter issues with your JBL CristalProfi E702 Greenline filter, refer to the following common

problems and solutions:

Problem	Possible Cause	Solution
Reduced Water Flow	Clogged filter media (especially pre-filter), kinked hoses, air in the system, dirty impeller.	Clean pre-filter and main media. Check hoses for kinks. Re-prime the filter. Clean the pump impeller.
Filter Not Starting	No power, air in the system, impeller jammed.	Check power connection. Re-prime the filter. Disassemble pump head and check/clean impeller.
Leaking	Improperly sealed filter head, loose hose connections, damaged O-ring.	Ensure filter head clamps are fully engaged. Tighten hose connections. Check O-ring for damage and proper seating; replace if necessary.
Excessive Noise	Air in the system, dirty or damaged impeller, filter not stable.	Re-prime the filter to remove air. Clean or replace impeller. Ensure filter unit is on a stable, level surface.

## 8. SPECIFICATIONS

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- **Model:** E702
- **Product Number:** 6028100.0
- **Aquarium Size:** 60 - 200 Liters (60 - 100 cm length)
- **Flow Rate:** 700 L/H
- **Power Consumption:** 9 W
- **Filter Volume:** 6.1 Liters
- **Dimensions (L x W x H):** Approximately 18 x 20 x 35 cm
- **Material:** Plastic
- **Power Source:** Electric Cable (230V / 50Hz)
- **Special Function:** Filter change indicator
- **Filtration Method:** Mechanical, Biological

# CRISTAL **JBL** PROFI®

e 402 180 x 210 x 284 mm	e 702 180 x 210 x 350 mm	e 902 180 x 210 x 405 mm	e 1502 200 x 235 x 460 mm	e 1902 200 x 235 x 564 mm
450 l/h	700 l/h	900 l/h	1400 l/h	1900 l/h
40-120 l	60-200 l	90-300 l	160-600 l	200-800 l
4 W	9 W	11 W	20 W	36 W
230 V / 50 HZ	230 V / 50 HZ			
4,6 l	6,1 l	7,6 l	12 l	15 l
1 x 1,1 l 1 x 1,2 l	1 x 1,1 l 2 x 1,2 l	1 x 1,1 l 3 x 1,2 l	1 x 2,3 l 3 x 1,9 l	1 x 2,3 l 4 x 1,9 l



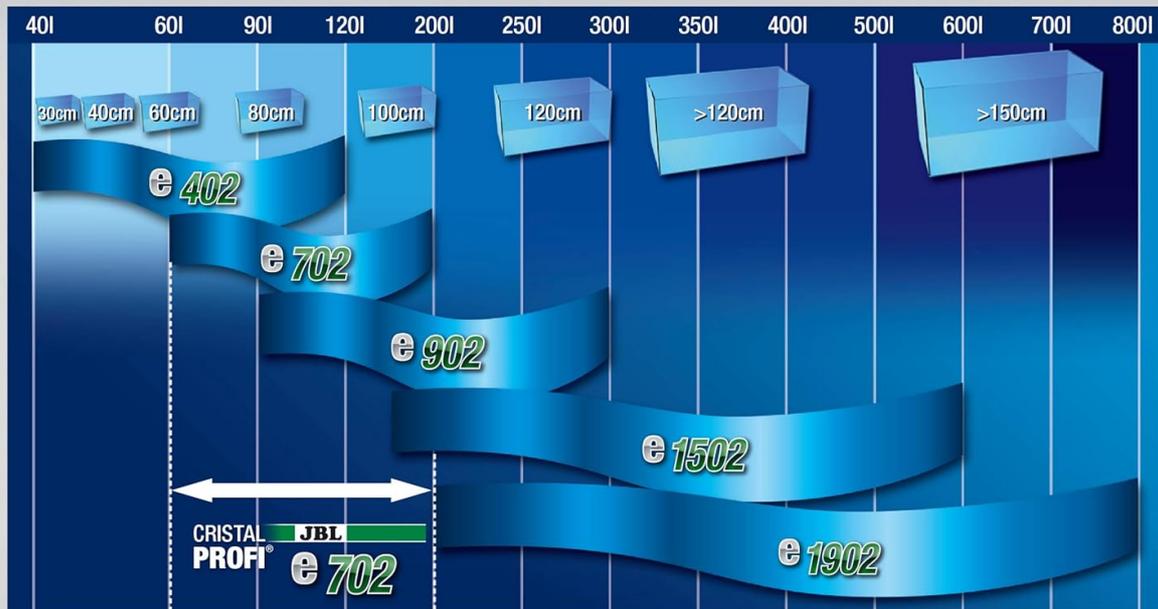
(DE) Energieeinsparung gegenüber Vorgängermodell  
 (UK) energy savings in comparison with previous model  
 (FR) économie d'électricité par rapport aux modèles de la génération précédente

35 KWh/a	35 KWh/a	131,4 KWh/a
7 €/a**	7 €/a**	26,28 €/a**
28 €/4a**	28 €/4a**	105,12 €/4a**

\*\* bei 0,20 € / KWh / at 0.20 € per KWh / à 0,20 € du KWh

A comparison table showing different JBL CristalProfi filter models with their respective flow rates, power consumption, and annual energy savings.

# CRISTAL **JBL** PROFI®



A chart indicating the recommended aquarium sizes and lengths for different JBL CristalProfi filter models, showing the E702 is suitable for aquariums from 60 to 200 liters.

## 9. WARRANTY AND SUPPORT

### 9.1. Warranty Information

The JBL CristalProfi E702 Greenline filter comes with a **2+2 year warranty**. Registration may be required to activate the extended warranty period. Please refer to the warranty card included in your package or visit the official JBL website for detailed terms and conditions.

### 9.2. Customer Support

For further assistance, technical support, or spare parts, please contact JBL customer service. Contact information can typically be found on the JBL official website or on the product packaging.

