

Ubbink FiltraPure 4000

Ubbink FiltraPure 4000 Pond Filter Instruction Manual

Model: FiltraPure 4000

1. INTRODUCTION

Thank you for choosing the Ubbink FiltraPure 4000 Pond Filter. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new pond filter. The FiltraPure 4000 is designed to maintain clear and healthy water in your garden pond through a combination of mechanical and biological filtration, and includes a UV-C unit for algae control. Please read these instructions carefully before use and retain them for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of injury, electric shock, or damage to the product.

- Disconnect all electrical appliances from the mains supply before performing any work on the filter or pond.
- Ensure that all electrical connections are waterproof and installed according to local regulations.
- The filter is designed for outdoor use in garden ponds only. Do not use it for any other purpose.
- Do not operate the filter if any part of it, including the power cable or UV-C unit, is damaged.
- Keep children and pets away from the pond and electrical equipment.
- The UV-C lamp emits harmful radiation. Never look directly at the UV-C lamp when it is operating.
- Ensure the filter is placed on a stable, level surface.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged.

- FiltraPure 4000 filter housing with lid
- Integrated UV-C unit (if applicable to model variant)
- Filter sponges (mechanical filtration)
- Bio-filter media (biological filtration)

- Hose connections and clamps
- Instruction Manual

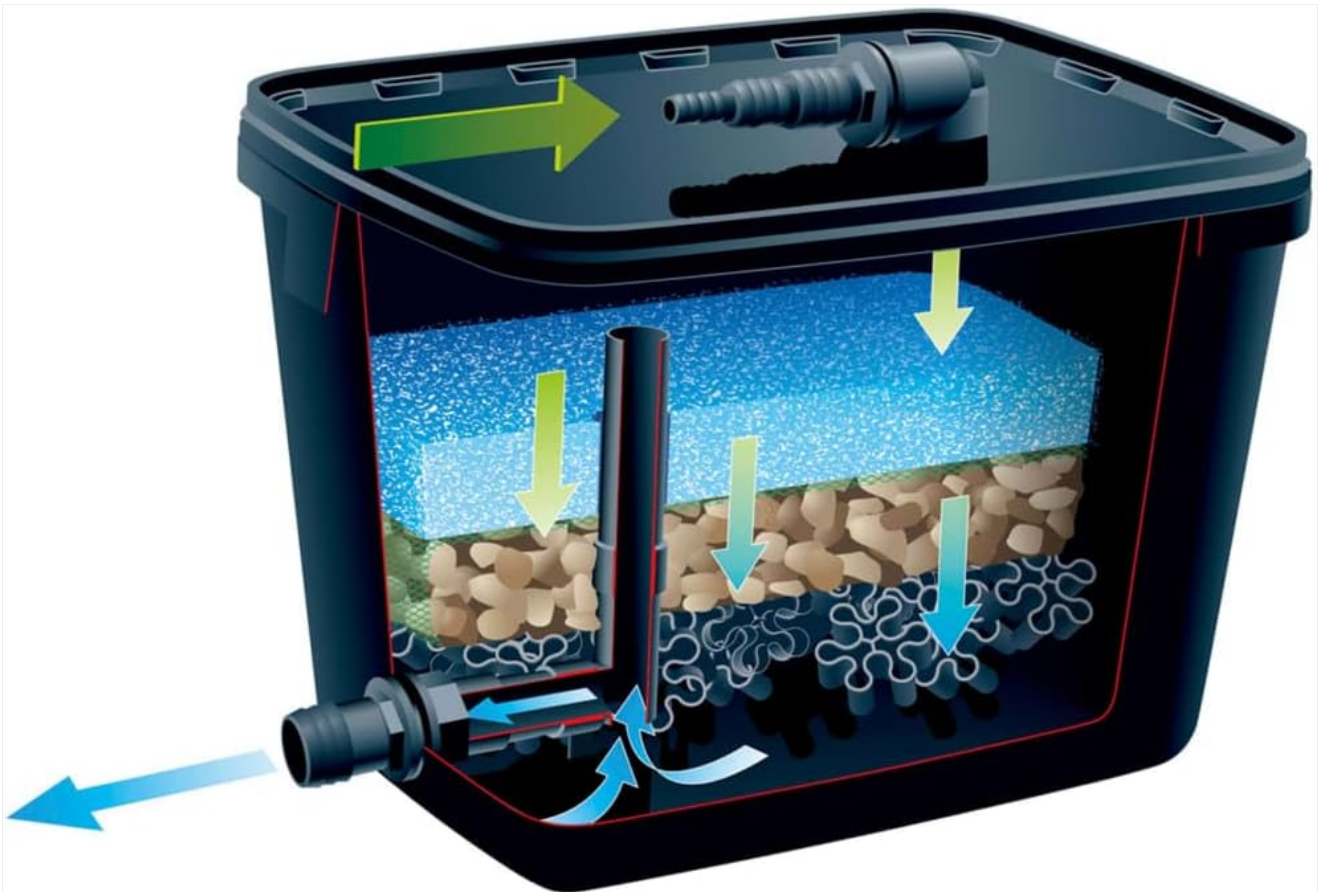


Figure 3.1: The Ubbink FiltraPure 4000 product box, showing the filter unit and branding.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your FiltraPure 4000 filter.

4.1 Filter Placement

- Place the filter on a stable, level surface next to the pond, preferably in a shaded area to prevent excessive heat buildup.
- The filter outlet should be positioned higher than the pond water level to allow gravity return, or connected to a waterfall/stream.
- Ensure easy access for maintenance.

4.2 Connecting the Pump and Hoses

1. Connect a suitable pond pump (not included) to the inlet of the filter. The inlet is typically located on the lid, often integrated with the UV-C unit.
2. Secure the hose connections with clamps to prevent leaks.
3. Connect a return hose to the filter outlet. This hose will direct the filtered water back into the pond, or to a waterfall/stream.



Figure 4.1: Diagram illustrating the water flow through the FiltraPure 4000. Water enters through the UV unit, passes through mechanical and biological filter media, and exits back to the pond.

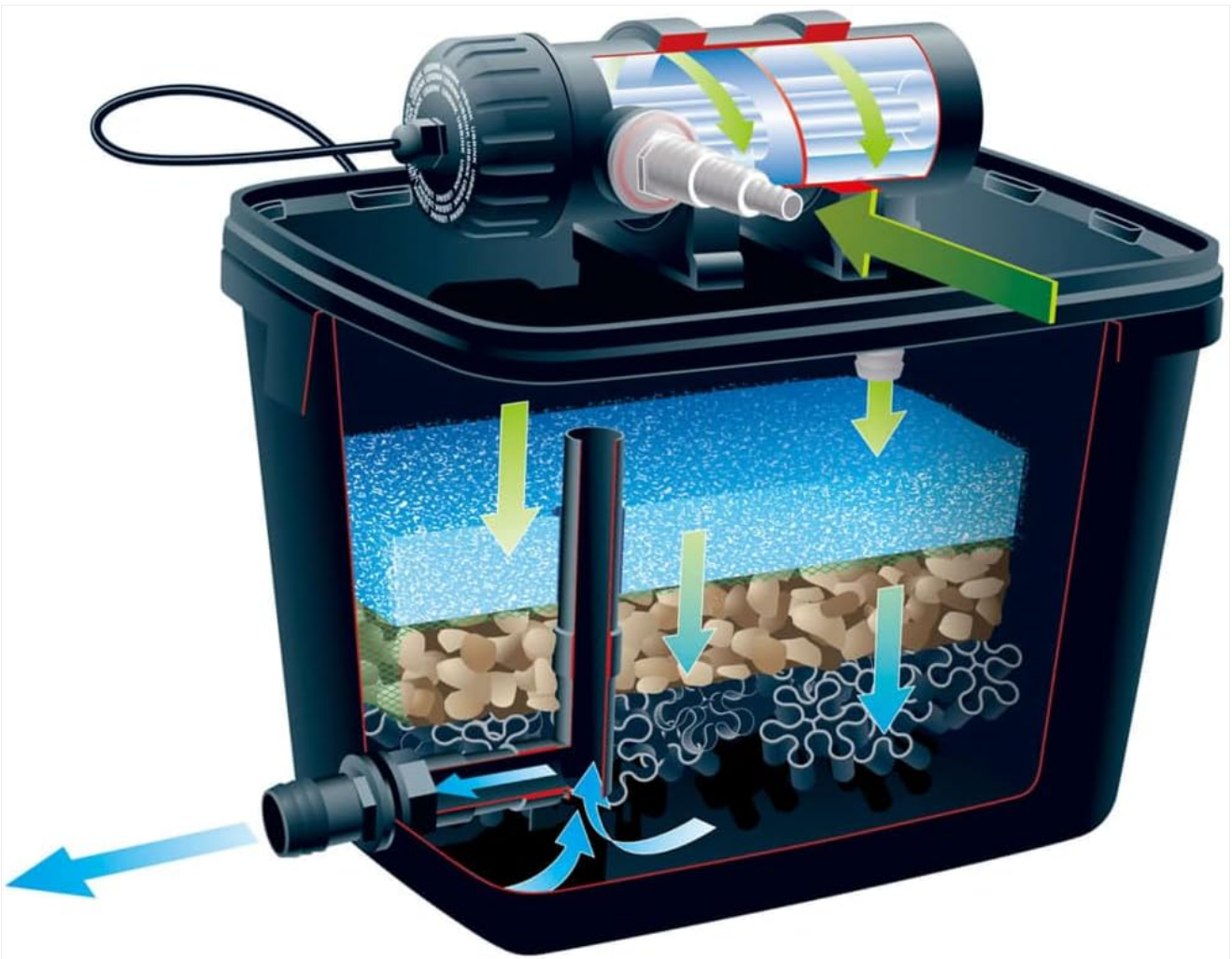


Figure 4.2: An internal view of the filter, showing the layered arrangement of filter media for effective mechanical and biological filtration.

SMALL $\leq 5m^2 / \leq 2500 l$

- Xtra® 350 LV
- Xtra® 400
- Xtra® 600
- Xtra® 900
- Xtra® 1000 LV
- Xtra® 1600
- Xtra® 1600 LV
- Xtra® 2300
- Xtra® 3900
- Xtra® 3000
- Xtra® 6000

MEDIUM $5m^2 - 10m^2 / 2500 l - 5000 l$

- Elimax® 500
- Elimax® 1000
- Elimax® 1500
- Elimax® 2000
- Elimax® 2500
- Elimax® 4000
- Elimax® 6000
- Elimax® 9000

LARGE $10m^2 - 20m^2 / 5000 l - 10000 l$

- LED Jet® ½"
- LED Jet® 1"
- Solarmax® 600
- Solarmax® 1000 Accu
- Solarmax® 2500
- Solarmax® 2500 Accu

**Waterfalls/Wasserfälle
Wasservallen/Cascades**

- Smartmax® 1500FI
- Smartmax® 2500FI
- Smartmax® 5000FI
- Smartmax® 7000FI
- Smartmax® 10000FI

Filter Models:

- BioPure® 2000
- FiltraPure® 2000
- FiltraPure® 4000
- FiltraPure® 7000
- FiltraClear® 2500/4500
- FiltraClear® 6000/8000
- Filtramax® 9000
- Filtramax® 12500
- BioPressure® II 3000
- BioPressure® II 6000
- BioPressure® II 10000
- BioPressure® II 18000
- PowerClear 5000
- PowerClear 9000
- Air® 200 OUTDOOR
- Air® 1000 OUTDOOR
- Air® 2000 OUTDOOR
- Air® 4000 OUTDOOR
- Air® 100 INDOOR
- Air® 200 INDOOR
- Air® 1000 INDOOR
- Air® 2000 INDOOR
- Air® Solar 100
- Air® Solar 600
- AlgClear® UVC 2500
- AlgClear® UVC 5000
- AlgClear® UVC 7000
- AlgClear® UVC 10000
- AlgClear® UVC 20000
- AlgClear® UVC 35000
- AlgClear® UVC 55000
- AlgClear® UVC 95000

Model	Flow Rate (l/h)	Flow Rate (m³/h)	Flow Rate (l/min)	Flow Rate (m³/min)	Flow Rate (l/s)	Flow Rate (m³/s)
BioPure® 2000	5W	Elimax® 500	1000 l	2000 l	500 l	1000 l
FiltraPure® 2000	5W	Xtra® 350LV/Xtra 400	1000 l	2000 l	500 l	1000 l
FiltraPure® 4000	7W/9W	Xtra® 600/Elimax® 600	2000 l	4000 l	1000 l	2000 l
FiltraPure® 7000	9W/11W	Xtra® 900/Elimax® 1000	3000 l	7000 l	2500 l	3500 l
FiltraClear® 2500	8 W (incl.)	Elimax® 500/Xtra® 600	1250 l	2500 l	625 l	1250 l
FiltraClear® 4500	8 W (incl.)	Elimax® 1000/Xtra® 900	2250 l	4500 l	1125 l	2250 l
FiltraClear® 6000	9 W (incl.)	Elimax® 1000/Xtra® 900	1125 l	6000 l	1500 l	3000 l
FiltraClear® 8000	9 W (incl.)	Elimax® 1500/Xtra® 1600	4000 l	8000 l	2000 l	4000 l
FiltraClear® 9000	9 W (incl.)	Smartmax® 1500FI	4500 l	9000 l	2250 l	4500 l
Filtramax® 12500	11 W (incl.)	Smartmax® 2500FI/Xtra® 3000FI	6000 l	12500 l	3000 l	6000 l
3a Filtramax® 12500	2a 11 W (incl.)	Smartmax® 5000FI/Xtra® 6000FI	10000 l	25000 l	5000 l	10000 l
3a Filtramax® 12500	3a 11 W (incl.)	Smartmax® 7500FI/Cascademax® 4000	15000 l	30000 l	7500 l	15000 l
BioPressure® II-3000	5 W (incl.)	Xtra® 600/Elimax® 600	1500 l	3000 l	750 l	1500 l
BioPressure® II-6000	9 W (incl.)	Xtra® 1600/Elimax® 1800FI	3000 l	6000 l	1500 l	3000 l
BioPressure® II-10000	11 W (incl.)	Xtra® 2300/Smartmax® 2500FI	5000 l	10000 l	2500 l	5000 l
BioPressure® II-18000	18 W (incl.)	Smartmax® 5000FI/Xtra® 6000FI	10000 l	18000 l	4500 l	9000 l
BioClear® 20000	18 W/20 W	Smartmax® 5000FI/Xtra® 6000FI	10000 l	20000 l	5000 l	10000 l
BioClear® 30000	24 W/25 W	Smartmax® 7500FI/Cascademax® 4000	15000 l	30000 l	7500 l	15000 l
BioClear® 60000	55 W/55 W	Smartmax® 10000FI/Cascademax® 12000	30000 l	60000 l	15000 l	30000 l
PowerClear® 5000	8 W (incl.)	950 l/h	5000 l	5000 l	2500 l	5000 l
PowerClear® 9000	9 W (incl.)	1400 l/h	9000 l	9000 l	4500 l	9000 l

Figure 4.3: A detailed diagram showing the path of water through the filter, highlighting the various stages of filtration.

5. OPERATING INSTRUCTIONS

Once installed, operating the FiltraPure 4000 is straightforward.

1. Ensure all hose connections are secure and the filter is correctly positioned.
2. Plug in the pond pump and the UV-C unit (if separate power supply).
3. Water will begin to flow from the pond, through the filter, and back into the pond.
4. Allow the filter to run continuously for optimal water quality. It may take several days or weeks for the

biological filtration to fully establish and for the pond water to become clear.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your filter.

6.1 Cleaning Filter Media

- **Frequency:** Depending on pond load, clean filter sponges every 2-4 weeks. Biological media requires less frequent cleaning.
- **Procedure:**
 - a. Disconnect all power to the pump and UV-C unit.
 - b. Remove the filter lid.
 - c. Carefully remove the filter sponges. Rinse them in a bucket of pond water (not tap water, as chlorine can kill beneficial bacteria) until most debris is removed.
 - d. Do not thoroughly clean the biological media (e.g., bio-balls, ceramic rings) unless absolutely necessary, as this can disrupt the beneficial bacteria colony. If cleaning is required, gently rinse in pond water.
 - e. Reassemble the filter, ensuring the lid is securely fastened.
 - f. Reconnect power.

6.2 UV-C Lamp Replacement

- The UV-C lamp's effectiveness diminishes over time. It should be replaced approximately every 8000 operating hours or annually, typically at the start of the pond season.
- **Procedure:**
 - a. **ALWAYS disconnect power before servicing the UV-C unit.**
 - b. Refer to the specific instructions for your UV-C unit for lamp replacement. This usually involves unscrewing the housing, carefully removing the old lamp, and inserting a new one.
 - c. Ensure the quartz sleeve (if present) is clean and free of deposits. Clean with a soft cloth and vinegar solution if necessary.
 - d. Reassemble and reconnect power.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water not flowing from filter	Pump not running; clogged inlet/outlet; kinked hose.	Check pump power and function; clear blockages; straighten hoses.
Pond water remains cloudy/green	Filter media dirty; UV-C lamp ineffective/faulty; filter too small for pond size; insufficient pump flow.	Clean filter media; replace UV-C lamp; check pond volume vs. filter capacity; ensure pump provides adequate flow.
Water leaking from filter	Loose hose connections; damaged O-rings/seals; cracked housing.	Tighten hose clamps; inspect and replace seals; contact supplier for housing damage.

8. SPECIFICATIONS

- **Model:** Ubbink FiltraPure 4000
- **Brand:** Ubbink

- **Capacity:** 26 Liters (filter volume)
- **Purification Method:** Mechanical, Biological, Ultraviolet (UV-C)
- **Material:** Plastic
- **Dimensions (approx.):** 40 x 29.5 x 35 cm (Length x Width x Height)
- **Recommended Pond Size:** Up to 4000 liters (without fish), smaller with fish.
- **Power Source:** Requires external pond pump (not included). UV-C unit requires electrical power.



Figure 8.1: An overview of various Ubbink pond products and their applications, including different filter types and pumps. This diagram can help in understanding the FiltraPure 4000's place within a complete pond system.

9. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your original packaging for specific terms and conditions. For technical support, spare parts, or warranty claims, please contact your retailer or the Ubbink customer service department. Keep your proof of purchase for warranty validation.

Ubbink Contact Information: Please visit the official Ubbink website for the most up-to-date contact details and support resources.