JUWEL®

Instruction Manual
Bioflow ONE

Introduction

Thank you for choosing a JUWEL Aquarium product.
Our products represent over 50 years experience in the manufacturing of aquariums and their acessories applying most modern production techniques bringing together the JUWEL Aquarium system, which is both easy to use and simple to maintain.

Please read this instruction manual carefully and completely to make sure you have received all components before setting up the aquarium. Please observe the safety instructions and maintenance guidelines given in this manual.
This instruction manual has been carefully prepared to provide you with accurate and complete information. All efforts have been made to ensure that the information given is correct. However, we cannot accept responsibility for printing or other errors. Technical details are always approximate and are not warranted characteristics and may be subject to change without notice.

Safety instructions:

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The power plugs of the electrical devices must not become moist. Connect the power plugs to the power supply at such a height that the connection cable forms a loop which would enable the water to drip down.
- At all times, only operate the electrical devices for your aquarium (lighting, heater, pump etc.) using an earth leakage circuit breaker (EL circuit breaker) with a maximum tripping current of 30 mA. If the socket that you are using in your home installation is not safeguarded with such a circuit breaker, please use a commercially available power strip with an integrated earth leakage circuit breaker.
- The electrical devices may only be operated in rooms.
- Pull the power plug of all devices operated in water before coming into contact with the water.

This product fulfils the guidelines issued by the European Union (EU) and is therefore entitled to carry the CE mark.
www.juwel-aquarium.de/en/declaration-of-conformity/

The JUWEL Bioflow ONE filter

The JUWEL filter Bioflow ONE is a highly effective biological filter system with components that are harmonized among each other in an ideal manner. Installing the filter in the aquarium makes hose connections unnecessary and prevents leaks. The pump output is not negatively affected by hose couplings, intake tubes etc. The pump capacity is dimensioned in such a manner that the biological filtering is ensured by a sufficient flow through the filter material in an ideal manner. The construction of the filter system enables you to quickly access the individual pump and filter medium components, facilitating comfortable operation while cleaning and maintaining the filter system. In addition to this, the JUWEL Bioflow ONE filter system offers the option of integrating the heater (optionally available).

Commissioning of the JUWEL Bioflow ONE filter

You should make the filter ready for use before setting up the aquarium, but do not yet connect the electrical components to the power supply.

The JUWEL Bioflow ONE filter is consists of:

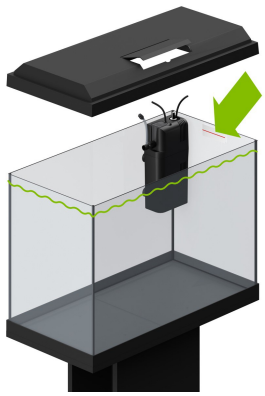
- Pump
- Filter housing with slot for the heater (optionally available)
- 2 blue filter sponges - bioPlus fine ONE
- 4 suction cups
- O2 diffuser

Prior to initial use of the filter, open the filter housing and remove the filter sponges, in order to rinse them out under running water.

Reinsert the filter sponges into the filter housing and close it.

Now, insert the suction cups into the designated openings of the filter housing and attach the filter in the rear right corner of the aquarium.

Now, attach the O2 diffuser (with assembled air hose and controller) onto the pump outlet of the pump.

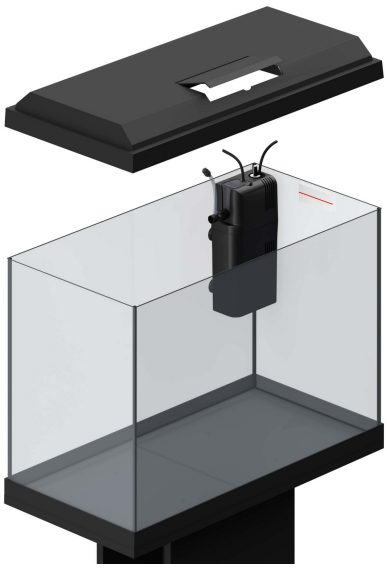


The JUWEL Bioflow ONE filter is now operational.

The JUWEL Aquarium Filter System is a biological filter system. For it to work effectively, bacteria cultures will need to grow inside the blue sponges. This process can take up 6-8 weeks for the filter to fully mature. Consequently we recommend to decorate and plant the aquarium and add just a few (3-5) hardy fish in order to help the maturation process. Please test the water on a weekly basis to monitor the water conditions and once the water is safe you can begin to add more fish.

Bioflow ONE positioning

Please position the filter as displayed on the picture, in the back right corner of your aquarium. The filter should be positioned in the aquarium in such a way that max. 1 cm sticks out of the water when the aquarium is filled.



You can increase or decrease the air supply in steps via the valve of your JUWEL O2 diffuser.

Servicing and maintenance of the JUWEL Bioflow ONE filter

BioPlus fine ONE - Replace one of the blue filter sponges at an interval of approx. 3 months.

Important:
Always use original JUWEL Aquarium filter media to ensure the optimum performance of your system.

Maintenance of the JUWEL Eccoflow 300 pump

The JUWEL Eccoflow pump should be checked and cleaned at regular intervals (at least once a month).

Please proceed as follows to that end:

1. Disconnect all electrical devices that are operated inside the water from the power grid.
2. Remove the O2 diffuser from the pump outlet.
3. Remove the pump from the filter.
4. Disconnect the adapter (A) from the motor, by turning it anti-clockwise.
5. Remove the impeller and the axle with their rubber bearings from the motor.
6. Thoroughly clean all components.

It is necessary to remove the impeller from the chamber and remove deposits and dirt from the chamber itself as well as the impeller. Using the cleaning brush included with the pump for this purpose. Otherwise the functionality of the pump will be impaired. Also check the impeller for damage and possible signs of wear of the magnet.

7. After that, please reinstall the pump in reverse order in the filter. Before you reconnect the devices that are operated in the water to the power supply.

Recommendation:
We recommend that you replace the parts subjected to wear and tear, e.g. the impeller, axle and the rubber axle holders, at intervals of approx. 12 months in order to ensure the optimum function and operating quietness of the pump. Inquire at your specialist retailer for assistance.

Safety instructions:

- Never operate the power head out of water.
- Always unplug the power head from the power supply before removing it from the filter.
- The power head is intended for indoor use and for use in fluids up to 35°C.
- Never repair the electrical cord or plug. In case of damage replace the complete power head.

Please recycle as required!

Please do not hesitate to contact our competent administration if you have any questions.

Proper disposal (electrical waste)

The labelling on the product or on the accompanying literature declares that it must not be disposed of, at the end of its service life, together with household rubbish. Please dispose of this equipment separately from other waste, to protect the environment or public health from damage by unregulated waste disposal.
Recycle the equipment and support the sustained recycling of material resources.
Private users should contact the dealer who sold them the product or the responsible authorities, for a demonstration on how to recycle the equipment in an environmentally friendly way.

Guarantee

We guarantee the performance of the JUWEL-Aquarium product or its accessories to the purchaser for a period of 24 months from the date of purchase according to the following conditions:

§ 1 Extent of the guarantee

(1) This guarantee extends to the JUWEL-Aquarium product and its components excluding items subject to wear and tear such as T5 and T8 light tubes and filter media. It is limited to the product as such and does not cover damage to other property and/or individuals. In addition, the provisions of the product liability law apply. These provisions are not limited by the aforementioned arrangement.

(2) It is the prerogative of JUWEL-Aquarium to decide whether the guarantee is performed by means of repair or replacement. If neither repair nor replacement can ensure the performance of the JUWEL-Aquarium product the purchaser is entitled to demand a reduction in price or to return the product against repayment of the purchase price.

§ 2 Guarantee period and settlement procedure

(1) The guarantee period begins on the day of the purchase of the JUWEL Aquarium product from the retailer. Claims under this guarantee will not be honoured, if

(a) the damage is caused as a result of improper use or maintenance or nonobservance of the instructions given in this manual

(b) the product or its components have been maintained by persons or companies not authorised by the manufacturer to do so

(c) the product or its components have been damaged by mechanical means of whatsoever kind, in particular broken glass

(2) All claims under this guarantee have to be notified to the retailer, from whom the aquarium has been purchased without delay, however, not longer than 2 weeks from the day of first occurrence of defects. Rights under the consumer protection laws will remain unaffected.

(3) Guarantee claims will only be accepted if the validity of the claim is supported by evidence of purchase of the JUWEL-Aquarium product. This declaration of guarantee is a translation only. In case of doubts the original

German language version prevails.

We reserve the right to make technical alterations.

© JUWEL AQUARIUM

® JUWEL, Trigon, Vision, Rekord, Rio, Lido, Vio, Primo, Korall, MonoLux, DuoLux, MultiLux, KoralLux, Violux, NovoLux, PrimoLux, SeaSkim, EccoSkim, AquaHeat, EasyFeed, SmartFeed, High-Lite, Warm-Lite, Colour-Lite, Day-Lite, Juwel Twin-Lite, HiFlex, SmartControl, Juwel Eccoflow, Bioflow, Cirax, Nitrax, Phorax, Carbax, BioPad, BioCarb, BioPlus, bioBoost, OxyPlus, Silexo,Conexo, HeliaLux AppControl, SmartFeed AppControl

JUWEL AQUARIUM AG & CO. KG
Karl-Göx-Straße 1 27356 Rotenburg/Wümme . GERMANY
Phone +49(0)42 61/93 79-32
Telefax +49(0)42 61/93 79-856
Service-Mail service@juwel-aquarium.de

1124

JUWEL®

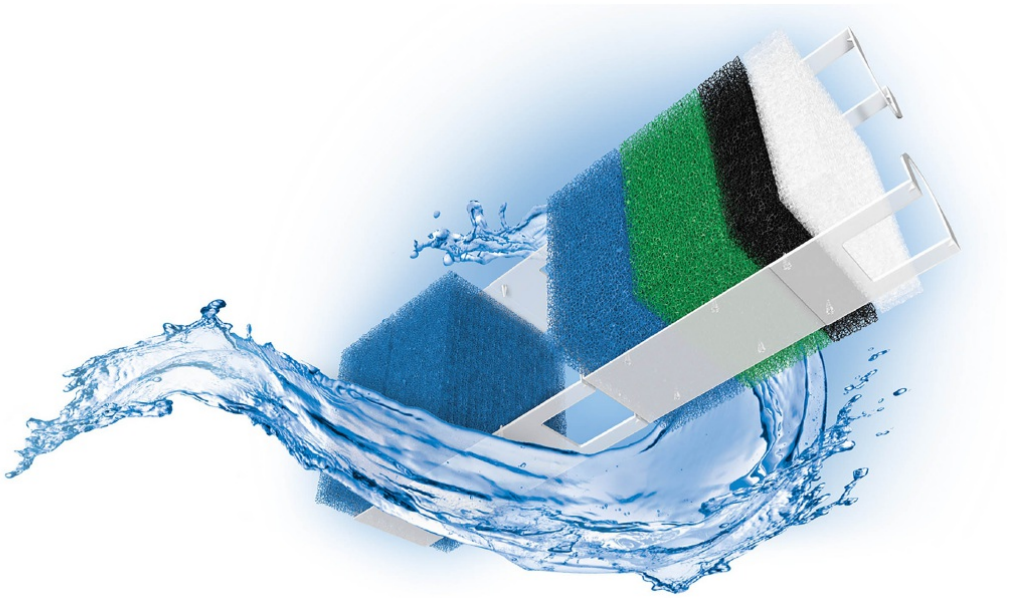
Filterpass
Bioflow ONE

www.juwel-aquarium.com

Aquarium	Primo 60 & 70
Filter Type	Bioflow ONE
	Product Code
1.	Eccoflow 300
	INT: 85751
	UK: 85761
	AU: 85771
2.	85092
3.	AquaHeat 50 W
	INT: 85600
	UK: 85800
	AU: 85850
4.	85990

JUWEL®

Filtermedia
Bioflow ONE



www.juwel-aquarium.com

Aquarium:		Primo 60 & 70	Primo 110	Rio 125, 180, 240 / Lido 120, 200/ Vision 180/ Trigon 190	Rio 350/ Vision 260	Rio 450/ Vision 450/ Trigon 350
Filter Type:		**Bioflow ONE**	**Bioflow Super**	**Bioflow M**	**Bioflow L**	**Bioflow XL**
		Product Code	**Product Code**	**Product Code**	**Product Code**	**Product Code**
7.	bioPad	-	88038	88049	88099	88149
8.	bioCarb	-	88037	88059	88109	88159
9. OPTIONAL	Carbax	-	88058	88058	88108	88158
10.	Nitrax	-	88055	88055	88105	88155
11.	bioPlus coarse	-	-	88050	88100	88150
12. OPTIONAL	Amorax	-	88054	88054	88104	88154
	Cirax	-	88056	88056	88106	88156
	Phorax	-	88057	88057	88107	88157
13.	bioPlus fine	88021	88051	88051	88101	88151