

# Instruction Manual

## Heater



## Introduction

Thank you for choosing a JUWEL Aquarium product.

Our products represent over 30 years experience in the manufacturing of aquariums and their accessories applying most modern production techniques bringing together the JUWEL Aquarium system, which is both easy to use and simple to maintain.

Always unplug all immersed electrical equipment from mains before placing your hands into the water.

## Installation of the heater inside the JUWEL Filter System

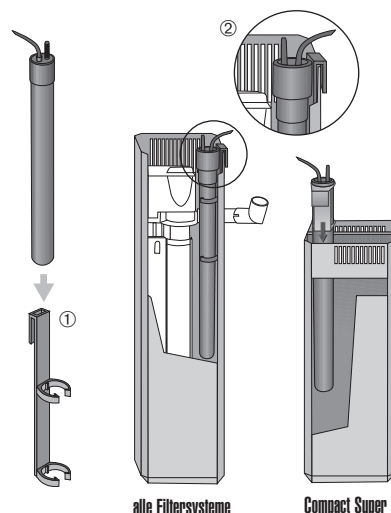
The JUWEL Aquarium Heater is designed to fit perfectly inside the filter system freeing up space in the aquarium and keeping it safe from your fish.

The JUWEL Aquarium Heater is delivered with the heater holder (Pic. 1) necessary to install it inside the JUWEL Aquarium Filter System.

For all JUWEL Filter Systems please proceed as follows:

1. Make sure that the top heater holder is correctly positioned at the top of the heater (Pic. 1).
2. Slowly slide the heater until the top holder is secured firmly on the filter housing. The heater is correctly positioned if the heater holder is safely resting on the housing (Pic. 2).

The heater is now operational.



## Installation of the heater without the JUWEL Filter System

In order to allow the installation of the JUWEL Aquarium Automatic Heater we have provided suction cups together with the heater.

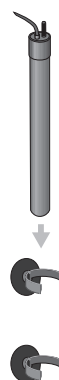
First of all please attach the suction cups to the heater tube.

Thereafter, fasten the heater to the glass pane of your aquarium and check that it is safely positioned.

You achieve the best result if you remove some of the water from the aquarium beforehand and clean that part of the glass pane to which you wish to fasten the heater. Please ensure that the heater is positioned in such a way that the heater head is above the water level.

Having installed the heater in your aquarium you may refill it again and connect the heater to the power supply.

Please observe that the heater may be damaged irreversibly, if it is operating without or in an insufficient level of water.



### Recommendation:

The JUWEL automatic heater warms the water of your aquarium up to 28°C depending on a normal room temperature of 18°C. If you keep your aquarium in rooms below this or your fish need a higher temperature, we recommend to purchase a second heater.

### Safety instructions:

Only connect the heater once the aquarium is filled with water at least to the minimum water level of the heater.

Never use the heater outside the aquarium.

Operate the heater indoors only.

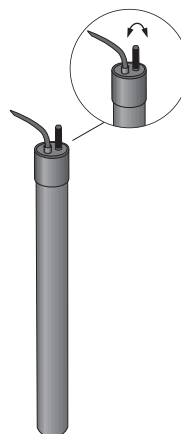
## Operation of the heater

The JUWEL Aquarium heater has an adjuster on the top to allow individual adjustment of the temperature to suit your own requirements.

In order to set the heater, turn the adjuster until the temperature indicator corresponds to the required temperature value.

It can take up to twelve hours for the water to reach the desired temperature depending on your ambient room temperature. Thereafter the heater will maintain the desired temperature automatically clicking on and off as required. When the heater is heating a small red light can be seen from the top of the filter box.

We recommend that you check your water temperature with a separate thermometer. Please check your heater frequently for any signs of damage and replace immediately if any are discovered. No other maintenance of the heater is required.



## Recommendation

### JUWEL Digital Thermometer

To monitor the temperature we recommend the JUWEL Digital Thermometer (Part No. 85700). Available from your JUWEL Aquarium retailer.



#### Safety instructions:

Always unplug the heater and allow it to cool before removing it from the filter.

Never attempt to open or repair the heater. Any signs of damage or malfunction and the heater should be replaced with an original JUWEL Aquarium heater.

Never repair the electrical cord or plug. In case of damage replace the complete heater.

Once removed never place on a flammable surface.

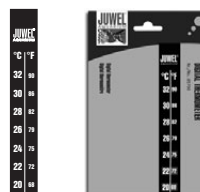
This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.



#### 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, with the ordinary 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 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 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 non-observance 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.

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