



## **Operation manual**

### **River 2700, River 3700 und River 4700**



Circulation pump for salt- and freshwater aquariums.

The circulation pumps of the River series are quality products. They have been developed by professionals especially for aquarium use.

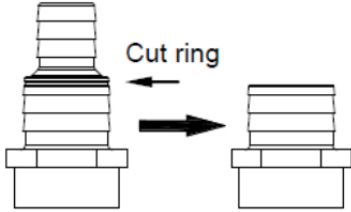
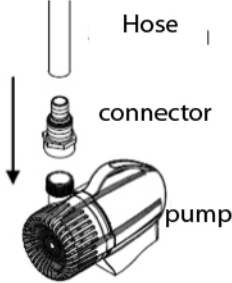
## 1. Warnings and safety advise

- The pump is designed for indoor use only.
- The pump is grounded to avoid the risk of electrical shock. Connect it only to a grounded mains socket.
- The power plug and the power cord may not be changed or removed.
- Make sure that the voltage of the mains and the pump are the same.
- Remove the power plug before you work in the aquarium or at the pump.
- Check the power cord. If it damaged, the pump may not be operated.
- The pump is not designed for use in swimming pools or swimming ponds.
- Keep the pump and the power cable away from heat sources.
- Use the pump only at water temperatures between 2°C and 37°C. Do not pump heated fluids.
- Dry Running will damage the pump.
- Do not tear the pump out of the water with the power cable.

## 2. Technical data

	River 2700	River 3700	River 4700
Max flow	2700 l/h	3700 l/h	4700 l/h
Max. Head	2,7 m	2,8 m	3,50 m
Power consumption	30 Watts	43 Watts	53 Watts
Power cord length class: protection:	3 m I IP X8		
Max depth for operation	$\nabla$ 1m		
voltage	<u>230V~//50 Hz</u>		
Water temperature	>37°C		
Connections	D 25 glue union and 1" hose connection.		

### 3. Installation:

<p>In order to achieve the best results always use a pipe or hose with a big diameter. If you use a hose with 1 ½" diameter, cut the hose connection, so it fits.</p>	
<p>Connect the pump with the connector to a fitting hose (not included) or use the glue connection to connect it to a PVC Pipe.</p>	

### 4. Maintenance

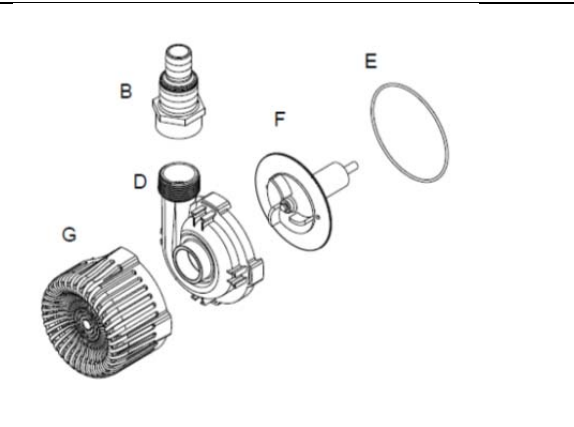
- It is necessary to clean the pump from time to time. The Frequency depends how the pump is used. Clean it latest, when the capacity decreases.
- Remove the power plug before you work at the pump.
- Dismantle the pump, clean all parts and remount it in opposite order

### 5. Failures

If the pump stops working or the capacity decreases:

- Check if the power plug is inserted and the pump is supplied with electricity.
- Check that the suction side of the pump and the filter basket are free of dirt.
- Open the pump. Check the impeller. Is it undamaged and turns easily?

## 6. Spare parts

part	description	
B	1" und 1½" hose connection	
D	Pump lid	
E	O-ring	
F	Magnet/Impeller	
G	Filter basket	

### Warranty.

Should any defect in material or workmanship be found within 12 months of the date of purchase Theiling GmbH undertakes to repair or, at our option, replace the defective part free of charge – always provided the product has been installed correctly, is used for the purpose that was intended by us, is used in accordance with the operating instructions and is returned to us carriage paid. The warranty term is not applicable on the all consumable products. Proof of Purchase is required by presentation of an original invoice or receipt indicating the dealer's name, the model number and date of purchase, or a Guarantee Card if appropriate. This warranty may not apply if any model or production number has been altered, deleted or removed, unauthorized persons or organisations have executed repairs, modifications or alterations, or damage is caused by accident, misuse or neglect. We regret we are unable to accept any liability for any consequential loss. Please note that the product is not defective under the terms of this warranty where the product, or any of its component parts, was not originally designed and / or manufactured for the market in which it is used. These statements do not affect your statutory rights as a customer. If your Theiling GmbH product does not appear to be working correctly or appears to be defective, please contact your dealer in the first instance. Before calling your dealer, please ensure you have read and understood the operating instructions. If you have any questions your dealer cannot answer, please contact us. Our policy is one of continual technical improvement and we reserve the right to modify and adjust the specification of our products without prior notification.

**Theiling GmbH, Maschweg 49, D-49324 Melle, Germany -**

- Technical changes reserved –04/2014