

Rena Flow 160/RF600S-IL Instructions and Warranty

Failure to follow the instructions and warnings in this manual may result in pump damage

Rena Flow water pumps are oil-free, magnetic-drive water pumps. Never operate without having water in the pump. This is particularly, important when used in a small fountain with very little water.

DO NOT RUN THIS PUMP DRY!

The pumps are completely submersible in the pond or can be used externally as an in-line, flooded-suction pump. The motor has no seals to wear out and does not need to be oiled.

This Rena Flow water pump can be operated outdoors or indoors and is Underwriters Laboratory approved.

Rena pumps are meticulously inspected and tested to ensure both safety and operating performance.

SAFETY CAUTIONS-Read and follow all safety instructions. Disconnect the power supply to all electrical equipment in the pond or fountain basin before putting your hands in the water! While the pump is plugged into a power supply, do not handle pump with wet hands, on a wet surface or immersed in water. Do not expose pump to temperatures below freezing.

Electrical Connections: Always use a properly grounded receptacle. Do Not immerse plug in water. A ground fault circuit Interrupter (GFCI) is required. See your local electrical supply dealer or contact an electrician for various brands of GFCI. Do not operate if power cord is damaged in any way. Pump must be unplugged when handling.

Installation of Suction Cups: Slide the suction cups into the slots on the bottom of the pump body. (see illustration 1).

Pre-filter: The strainer and foam pre-filter are designed to protect the pump by preventing foreign materials from entering the pump and causing damage. A pre-filter prevents fish and other pond inhabitants from coming in contact with the impeller. If you have to clean the pre-filter sponge on a daily basis, you may want to consider using a separate pond filter (see illustration 2). If the pump is used in a fountain without fish or plants the strainer may be the only pre-filter you need.

Flow Control/ Pump Impeller Cover: To operate the flow control, twist the gray cover clockwise to increase the flow or counterclockwise to decrease the amount of water being pumped. **NOTE:** If the flow control is turned counterclockwise all the way, no water will flow from the pump (see illustration 3). To remove the gray cover, carefully twist the cover counter-clockwise and pull the cover straight out. The cover comes equipped with an O-ring to insure a proper seal. Always inspect the O-ring for damage prior to replacing the impeller cover (see illustration 4).

Service your pump: The pump impeller cover must be removed to clean and inspect the impeller. Periodic cleaning of your pump will maintain your pumps performance. It is recommended that you check your pump every month or when flow is reduced. If the Impeller is chipped or broken it should be replaced. This will restore the pump to its original pumping capacity. The impeller is lubricated by water, so it is essential to never run the pump without water (see Illustration 4).

Note: In you experience extremely hard water (white scale forms on the surfaces), algae (green or slimy film forms) or foaming conditions there are several remedies available. For mineral deposits use vinegar. Soak the affected parts in vinegar and gently brush away the white scale, using a small brush similar to a bottle brush.

Aquarium Pharmaceuticals, Inc. makes a line of products to solve all three problems. White Scale Control, Algae Destroyer and Anti-Foam are available at retail outlets nationwide or by calling our parts distributor Rena OEM Sales at 800-968-7362. Visit them on the web at www.RenaPump.com to purchase parts or get answers to all your Rena questions.

Fountain Head Use: Some models of the RENA-FLOW Pump come with a Bell Fountainhead for optional use. Place extension tubes on the water outlet and attach the Bell Head. The size of the spray and the amount of water can be controlled by turning the top of the fountainhead or by use of the flow control on the pump. Without using the bell fountainhead you may attach 1/2" I.D. tubing to the adapter ring on the pump (see illustration 6).

5 YEAR RENA LIMITED WARRANTY

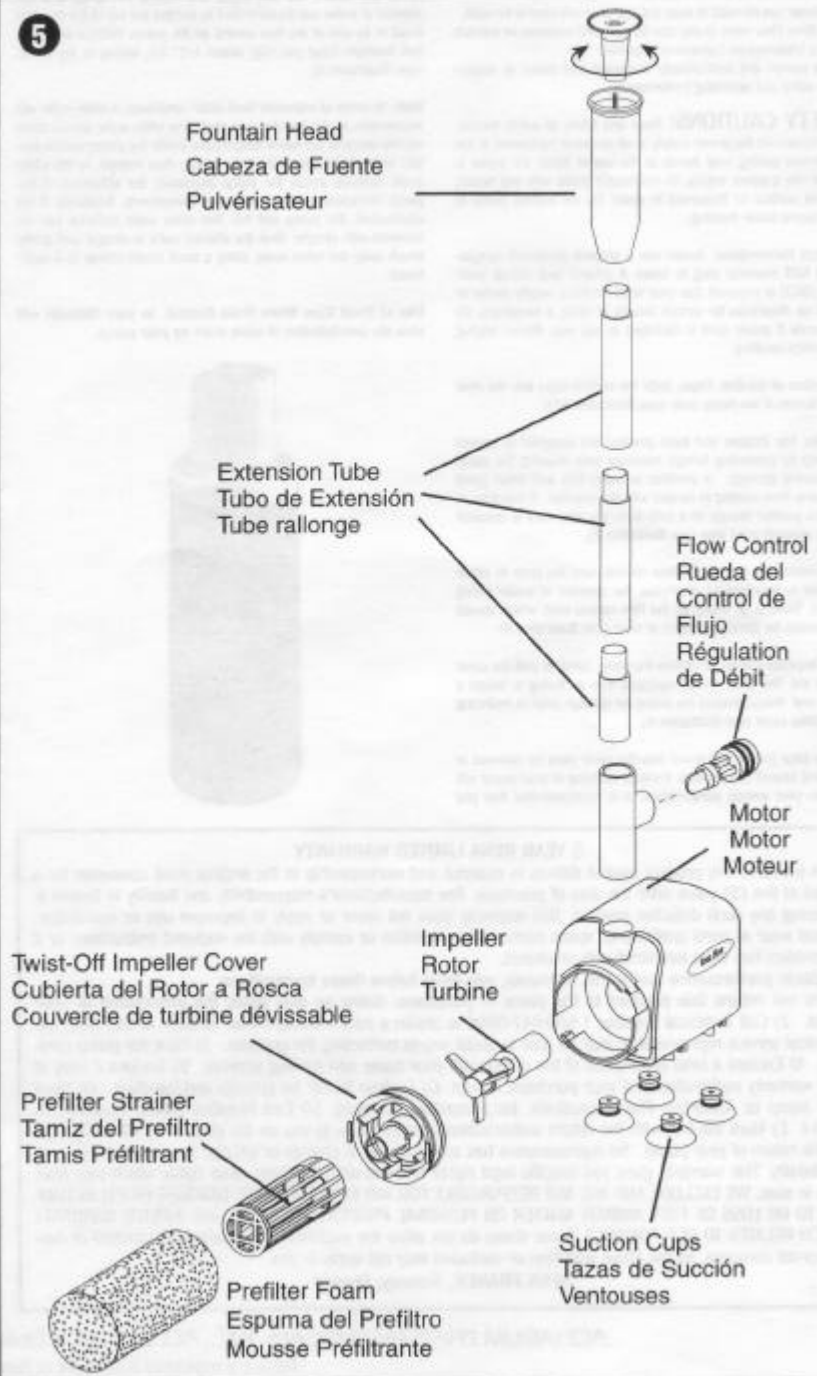
RENA warrants this product against defects in material and workmanship to the original retail consumer for a period of five (5) years after the date of purchase. The manufacturer's responsibility and liability is limited to replacing any such defective product. This warranty does not cover or apply to improper use or installation, normal wear of parts available as spare parts, failure to follow or comply with the enclosed instructions or if the product has been tampered with or altered.

To obtain performance under this warranty, you must follow these instructions:

1) Do not return this product to the place of purchase: doing so may delay the processing of your claim. 2) Call Technical Services **1-800-847-0659** to obtain a return authorization number. At this time, our technical service representative may be able to assist you in correcting the problem. 3) Pack the pump carefully. A) Enclose a brief description of the defect with your name and mailing address. B) Enclose a copy of your warranty registration and your purchase receipt. C) Enclose \$5.00 for postage and handling. D) Send your pump to: Aquarium Pharmaceuticals, Inc., Attention: Warranty, 50 East Hamilton Street, Chalfont, PA 18914 E) Mark the box with the return authorization number given to you on the phone. F) Allow 30 days for the return of your pump. No representative has any authority to change or enlarge the above warranty or our liability. This warranty gives you specific legal rights and you also may have other rights, which vary from state to state. **WE EXCLUDE AND ARE NOT RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES (SUCH AS DAMAGE TO OR LOSS OF FISH, ANIMATE MATTER OR PERSONAL PROPERTY) NOR FOR ANY IMPLIED WARRANTY, WHICH RELATES TO OUR PRODUCT.** Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. **RENA FRANCE, Annecy, France**

AQUARIUM PHARMACEUTICALS, INC., P.O. Box 218 – Chalfont, PA 18914

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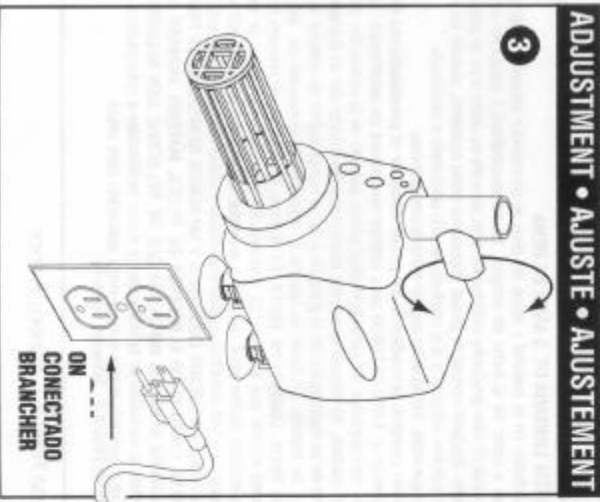
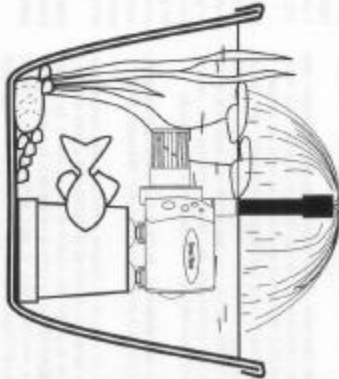
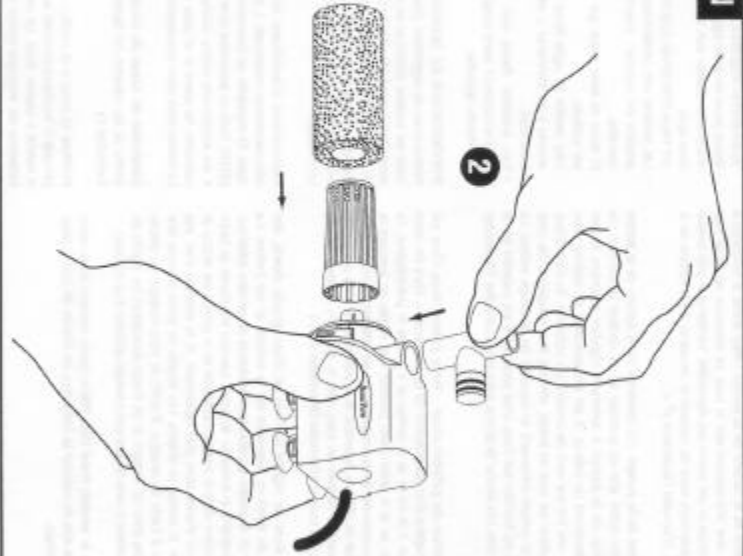
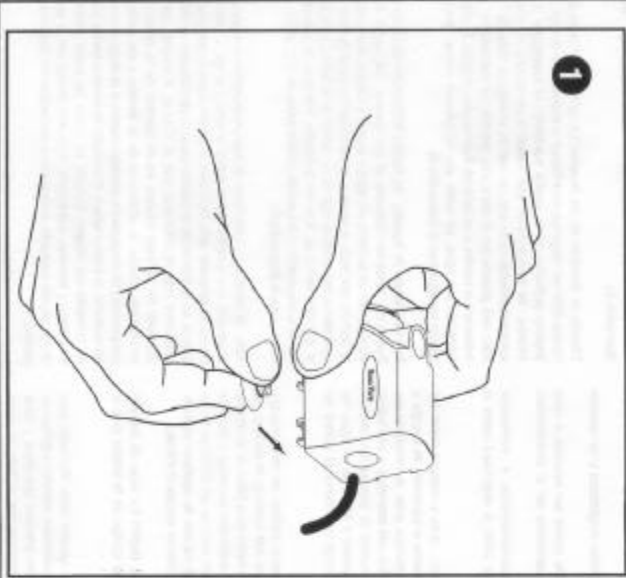


Parts List Rena Flow 160 and RF600S-IL

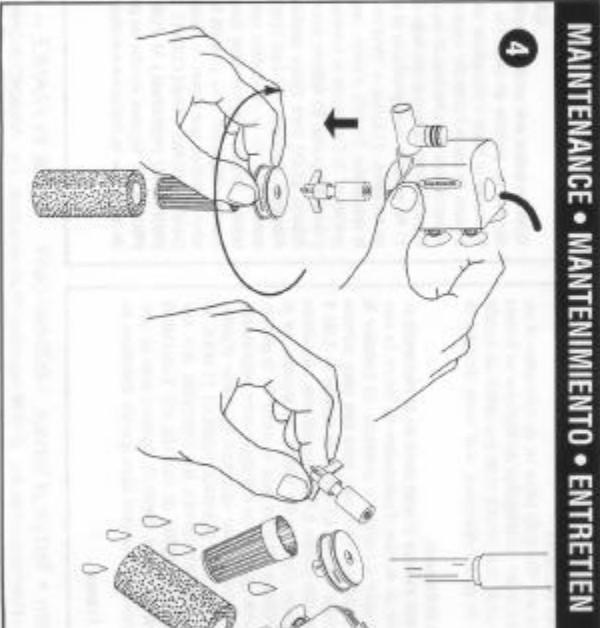
1. 40502 Fountain Head
2. RF300-FC Flow Control
3. RTR600 Impeller
4. RF600-105 Impeller Cover
5. AP6837 Strainer
6. AP6838 Prefilter Foam
7. 300A White Scale Control 8 oz. treats up to 80 US gallons
8. 301A Anti-Foam, 8 oz. Bottle
9. 302A Algae Destroyer Liquid, 8 Oz. bottle

RENA FLOW 160

INSTALLATION • INSTALACIÓN • INSTALLATION



ADJUSTMENT • AJUSTE • AJUSTEMENT



MAINTENANCE • MANTENIMIENTO • ENTRETIEN

Clean your prefilter at regular intervals to prevent clogging of pump.
 Limpie su prefiltro a intervalos regulares para prevenir la obstrucción de la bomba.
 Nettoyer votre préfiltre à intervalle régulier afin d'éviter le blocage de la pompe.

