

Operation Guide

AquaWorx Filtration Systems



Models- ATFSP/AWDE/POOL SERIES

“IMPORTANT SAFETY INSTRUCTIONS”

When Installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

“READ AND FOLLOW ALL INSTRUCTIONS”

WARNING – To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

WARNING – Risk of Electric Shock. Connect only to a branch circuit protected by a ground fault circuit-interrupter (GFCI). Contact a qualified electrician if you cannot verify that the circuit is protected by a GFIC. The single phase unit must be connected only to a supply circuit that is protected by a ground fault circuit interrupter (GFCI). Such a GFIC should be provided by the installer and should be tested on a routine basis. To test the GFCI push the test button. The GFIC should interrupt power. Push the reset button. power should be restored. If the GFIC fails to operate in this manner, the GFIC is defective. If the GFIC interrupts power to the pump without the test button being pushed, a ground current is flowing, indicating the possibility of an electric shock. Do not use this pump. Disconnect the pump and have the problem corrected by a qualified service representative before using.

CAUTION - This Pump is for use with permanently installed pools and may also be used with hot tubs and spas if so marked. Do not use with storable pools. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storage pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity .

“SAVE THESE INSTRUCTIONS”

ATFS Series Operating Instructions

TO OPERATE UNIT

TO FILTER POOL

1. Open filter tank valves labeled "MAINDRAIN" and "SKIMMER".
2. Open "RETURN LINE VALVE"
3. Fill strainer basket with water and start recirculation pump.
4. Check vacuum gauge at start up and note reading.
5. When the vacuum gauge reads 10 inches above normal start up or flow rate on the flow meter is below proper flow rate, "Backwash Unit"

Backwash Unit

Cleaning should be done when the recorded vacuum rises more than 10 inches above the startup pressure.

1. Stop recirculation pump.
2. Close both valves located in the filter tank labeled "MAINDRAIN" and "SKIMMER.
3. Open valve labeled "WASTE" on the discharge side of the vacuum pump.
4. Open valve labeled "TANK DRAIN" on the suction side of the vacuum pump.
5. Fill strainer basket with water.
6. Turn on vacuum pump.
7. Once filter tank starts to drop below the DE elements, use a spray hose to clean all elements with the vacuum pump running. DO NOT RUN THE VACUUM PUMP WITHOUT WATER.
8. Turn vacuum pump off.
9. Close valve labeled "WASTE".
10. Open valve labeled "PRECOAT" on the discharge side of the recirculation pump.
11. Fill the filter tank with water from the fresh water valve located in the filter tank.
12. Turn on the recirculation pump.
13. Add the proper amount of Diatomaceous Earth (DE) into the filter tank by hand.
14. Allow the pump to run for 5 minutes to coat the filter elements.
15. Open both valves located in the filter tank labeled "MAINDRAIN" and "SKIMMER".
16. Open the Return line valve to resume the filter cycle.

Vacuum Unit

1. Make sure pool is in the filter cycle
2. Filter tank pump must be running.
3. Open valve labeled "Vacuum" on the suction side of the vacuum pump.
4. Open valve labeled "VACUUM TO TANK" on the discharge side of the vacuum pump.
5. Clean vacuum pump strainer basket of debris and fill with water.
6. Start vacuum pump.

DE Specs (Diatomaceous Earth)

1. DE must be added to the filter elements after each backwash cycle.
2. 1 to 1.2 pounds of DE is sufficient for each filter element.
 - Example: A 100 gallon per minute system which has 9 elements would use between 9 and 10.8 pounds of DE to properly coat the grids.

WARNING: DO NOT CHANGE PIPE OR PUMPS FROM THE ORIGINAL EQUIPMENT SIZING. THIS WILL VOID YOUR WARRANTY AND COULD HARM EQUIPMENT.

Fiberglass Maintenance

Fiberglass should be maintained on a regular basis. If the fiberglass is kept dry and away from the elements, then exposure is minimal and the fiberglass can be maintained about every 6 months or so with great results. However, if the fiberglass is kept out in the elements under constant exposure, then regular maintenance should be done every 3 months without fail. Without regular care and maintenance, fiberglass will begin to show signs of oxidizing in 4 to 12 months. Waxes cover the surface and provide a barrier between the elements and the gel coat surface. Choose a wax suitable for fiberglass, usually any regular paste car wax with UV Protectant. Regardless of the product you select, be sure to follow the application instructions to ensure that you get the best results and all the benefits that the product has to offer.

Aquaworx Inc.

Limited Warranty

Aquaworx Inc. warrants this product against defects in material or workmanship as follows:

One Year warranty on all parts and materials manufactured by Aquaworx Inc. commencing on the date of purchase. This to include all components that were on the original signed sales order.

This warranty does not include and does not extend to any of the following:

(a) Component failure caused by normal wear and tear, climatic conditions, misuse, neglect, lack of proper maintenance, accident, fire or other casualty damage, negligence, or modification without manufactures written approval. (b) Fading, chalking, or cosmetic cracking of any kind. Cost of removal or reinstallation of any component or the product itself.

Storage of any kind of chemical inside an AquaWorx cabinet will void this warranty for all components housed inside the cabinet as well as the cabinet. Stenners that fail will be subject to inspection from the manufacturer for chemical damage. If Stenner determines that the failure was due to chemical damage they will not be covered.

Limitations: The repair or replacement of defective parts shall be purchaser's sole and exclusive remedy and Aquaworx Inc. sole and exclusive liability under this warranty. Aquaworx obligation under this warranty is limited to the repair or replacement of any covered item found to be defective. Repair or replacement items are warranted as provided herein for the unexpired portion of the applicable warranty period.

This warranty and the rights and remedies under it, is exclusive and is given in place of all other warranties, whether express or implied, including and implied warranty of merchantability or fitness for a particular purpose. Purchaser's remedies shall be limited as stated herein and Aquaworx shall not be liable for any incidental, consequential or indirect damages or losses resulting from defects.

The selling dealer is not a co-warrantor and is not authorized by Aquaworx Inc. to amend or modify this Limited warranty in any manner.