



## DE-LIMING INSTRUCTIONS

Medical Equipment Washing & Decontamination Systems

**WARNING: WEAR PERSONAL PROTECTIVE GEAR/ CLOTHING WHEN WORKING WITH ANY CHEMICALS.**

Consult the Material Safety Data Sheets & your company's Hazardous Substance Policy before handling any chemicals.

**Read all instructions before proceeding. The following detailed instructions are for "De-liming" your Aqua Phase Washer if it becomes necessary.**

**Call the factory with any questions regarding these instructions.**

For your convenience, order **AQ-725 De-liming Solution** directly from **Aqua Phase** by calling 800-208-9274.

**As with any cleaning operation using water, it is recommended that soft water be used.**

Hard water contains a relatively high level of lime, calcium, and iron. Hard water will affect cleaning performance the same as it does your home laundry. After an extended period, the inside stainless steel walls of Aqua Phase may accumulate a white deposit.

If the build-up is extensive, we recommend the use of the **AQ-725 De-liming Solution**. A deliming solution purchased from a local hardware store such as "CLR" will help, but not as effective as the industrial grade Aqua Phase AQ-725 De-liming Solution.

We have specifically formulated the AQ-725 De-liming Solution to be used weekly, or as needed, to keep your Aqua Phase free from mineral build-up. The easy, ready-to-use quart bottles are pre-measured for the proper dilution rate for a single application. Packaged with 12 quarts per case, a routine schedule for delimiting your Aqua Phase can be easily maintained.

**DANGER:** Causes eye and skin burns. Harmful if swallowed. Contains Hydroxyacetic and Phosphoric Acids.

**FIRST AID:** In case of eye contact, immediately flush with running water for at least 15 minutes and obtain medical aid. For skin contact, flush with running water. If swallowed, do not induce vomiting. Drink large amounts of water and call physician immediately.

**MIX ONLY WITH WATER - DO NOT USE ON ALUMINUM  
FOR INDUSTRIAL USE ONLY**

**KEEP OUT OF THE REACH OF CHILDREN.**

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## DE-LIMING INSTRUCTIONS (continued)

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### DO NOT CLIMB INTO THE WASH CHAMBER

1. Carefully read and follow the notices and instruction labels of the de-liming solution you will be using.
2. Drain Aqua Phase.
3. Remove the Rinse and Detergent hoses from the cleaning solution bottles inside the Mechanical Cabinet at the rear of the machine.
4. Set the 'RUN/DRAIN' switch to "RUN".
5. Set the mode switch to "CLEAN".
6. Set the wash cycle time to "7 minutes" or the longest time cycle available.
7. Press the "START" button and allow Aqua Phase to fill.
8. As soon as Aqua Phase starts to spray water, press the "STOP" button.
  - At this point, the Aqua Phase water reservoir will be full. The Aqua Phase reservoir holds 5.5 gallons of water.
9. Open the front door and pour the proper amount of deliming solution directly into the water that is in the reservoir of the machine.
  - **BE CERTAIN** to add the proper amount of deliming solution according to the dilution rate recommended by the manufacturer of the deliming solution concentrate you are using (the *Aqua Phase* reservoir holds 5.5 gallons of water).
10. Close the front door and press the "START" button.
  - *Allow Aqua Phase to run for no longer than 4 minutes.*
  - Press the "STOP" button.
11. Wait approximately 5 minutes.
  - Set the wash cycle time to "7 minutes" or to the longest time cycle available.
  - Press the "START" button, and allow *Aqua Phase* to run a complete cycle.

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## DE-LIMING INSTRUCTIONS (continued)

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12. Press the “**START**” button and allow Aqua Phase to run another complete cycle.
13. Examine and clean the Reservoir Filter Screens.
  - Repeat steps 10 – 13 until the filter(s) collect minimal debris.
  - You may select “**3 minutes**” or the shortest time cycle available when repeating Steps 10 – 13.
14. Examine and clean the reservoir filter located inside the wash chamber reservoir.
15. Drain Aqua Phase.
16. Disconnect Aqua Phase from power source.
17. Shut-off the water supply to Aqua Phase.

### ***Other Items:***

#### ***Aqua Phase may not stop draining during Step 11 above.***

The deliming solution will normally create foam inside the Wash Chamber. The foam may affect certain sensors that control the filling and draining of water.

In Step 11 above, if Aqua Phase does **not** stop draining after a few minutes, perform the following:

- a) Press the “**STOP**” button and wait a few minutes until the foam dissipates.
- b) Press the “**START**” button and allow Aqua Phase to do a complete cycle.
- c) Repeat the preceding Steps a) and b) until Aqua Phase starts draining normally.
- d) Return to Step 11 above.

### **CHECK FOR DEBRIS IN THE SPRAY NOZZLES**

If your unit does not have the reservoir filter screens seated properly in their place at all times, you can expect most of the spray nozzles to become clogged during the deliming of your machine. After you have completed the deliming processes above, check the spray nozzles to make certain they are not clogged.