

AQUA PHASE

AQ-1000, AQ-2000, & AQ-3000 Series

Pre-Arrival Checklist/Set-up Guide

SUPPLY LIST

You will need the following items for the proper operation of your *Aqua Phase* machine:

- 1) **(We supply) Two ten foot hoses, rated at 150° F or better.**
 - These hoses are used for the filling and draining functions of the machine. Do not use standard garden hoses. **25' hoses are available at an additional cost.**
 - **Note:** The longer the hose, the more time it will take for the fill and the drain operations. It is not recommended to use hoses longer than **50 feet** each.
- 2) **An electrical circuit with a 20-amp breaker.**
 - For added safety, it is **recommended** to use a ground fault receptacle at the power source where the machine will be plugged in.

Aqua Phase will perform best with hot water temperatures between 125°F - 140° F.

- Do not run water to the machine at temperatures greater than 150° F. When water temperatures are below 120° F, water spotting may occur if the AQ-260 Rinse Aid solution is used at full strength.

AQUA PHASE BASIC SET-UP PROCEDURES

If *Aqua Phase* has been transported during freezing weather, allow the machine to warm for 4-6 hours before running.

- 1) Read all instructions and operations material.
- 2) Remove *Aqua Phase* from the pallet.
- 3) Move *Aqua Phase* to location of operation.
- 4) Remove items packed inside of the washer chamber for shipping (optional racks, trays, chemical solutions, and hoses will often be packed inside the wash chamber).
- 5) Connect the fill hose.
 - Hose connections on the machine are 5/8" national female hose. This size and type of hose connection is identical to garden hose connections. **Do Not Use Garden Hose.** Only use hose rated for 150° F or more for both the fill and drain hose.
- 6) Connect the drain hose.
 - **Drain hose must be securely fastened to the drain.** Pump discharge pressure may cause the hose to "whip".
 - *Aqua Phase* can be permanently piped into your water system. Check local building codes for requirements. Pipe size is 1/2 inch NPT. See drain line examples included with this guide. It is recommended that the final connection to the machine be designed for easy disconnection to allow for repositioning of the machine if necessary for access.
- 7) After you are certain the fill and the drain connections are secure, slowly turn on your hot water supply.
- 8) Connect *Aqua Phase* to a standard 20 AMP electrical service.
 - Press the reset button located on the GFCI (ground fault circuit interrupter) in the power cord.
 - **Do not** use a power extension cord between your wall outlet and the machine.

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PERMANENT WATER LINE INSTALLATION

Consult and follow your local building code requirements.

Water Inlet (Fill) Line (see example included with this guide.):

- Water inlet line at the machine is 1/2" national pipe thread (NPT).
- Water inlet line requires a line strainer to protect the Fill solenoid valve from water line sediments.
- A manual shut-off valve should be installed on the water inlet line near the machine.

Water Drain Line (see example included with this guide.):

- Water drain line at the machine is 1/2" NPT.
- A check valve is recommended in the drain line.
- A line size increase is recommended on the drain line at the machine in order to reduce fluid friction and speed the draining. The recommend line size is 3/4" to 1".

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PRE-ARRIVAL CHECKLIST

- _____ Do you need two hoses? One for filling and one for draining your Aqua Phase.
(You will receive one set of two 10' hoses included with machine order.)
- _____ Is your Aqua Phase going to be within 20 feet of the fill and drain connections?
(If not, you will need more hose)
- _____ Do you have a male garden hose connection at your sink or other source for supplying hot water to your Aqua Phase machine?
- _____ Do you have a way to secure the drain hose from Aqua Phase to your sink, floor drain, or wall drain?
- _____ Do you have a 40-gallon or larger hot water heater to supply hot water to Aqua Phase?
- _____ Is your hot water heater turned up to provide 130 degree (F) water to Aqua Phase?
- _____ Do you have a dedicated 20-ampere, 110-120 volt, 60 hertz electrical circuit for Aqua Phase to run on?
- _____ Is the back end of Aqua Phase within six feet of the electrical outlet?
- _____ Did you order AQ-240 Cleaning Solution or AQ-260 Rinse Solution?
If not, do you want to order solutions at this time?
- _____ Did you order disinfectant solution, AQ-128 Virex, with your Aqua Phase?
If using another brand, do you need to call the factory and let them know what the dilution rate is of the concentrate disinfectant that you will be using if it is different than one ounce per gallon?
- _____ Do you have a **delivery loading dock or forklift** to get your Aqua Phase unit off the semi-trailer? If not, call us and we can help make arrangements for a drop-gate truck to deliver your unit.
- _____ Do you have the following tools and resources for unpacking your Aqua Phase?
- Utility knife (for cutting cardboard and shrink wrap)
 - An electric reversing drill with a Phillips #2 bit (for removing crating)
 - A hammer and pry bar (for removing crating)
 - A channel lock pliers (for tightening hose connections, if needed)
 - Enough people or means to roll Aqua Phase off the shipping pallet.
- _____ Call the factory with any questions you may have.



AQUA PHASE™
The Professional Choice in Medical Equipment Sanitation

Aqua Phase™, A Division of Mid-State Stainless, Inc.

Phone: 800-208-9274 or 715-463-5851 Fax: 715-463-5853

Unpacking Instructions

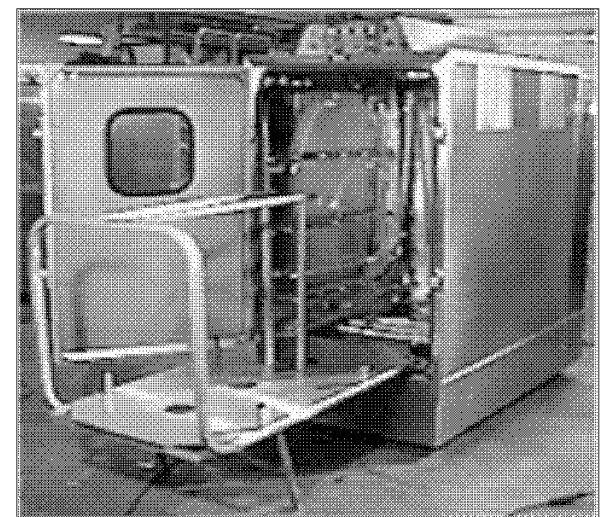
Remove all accessories, supplies, and packing material from the wash chamber prior to operation. Additional accessories or cleaning supplies may be located inside the wash chamber.

Depending on your Aqua Phase model and the options selected, you may or may not have the following equipment and accessories.

Equipment Rack: The Equipment Rack is used for easy loading and unloading of items other than wheelchairs. The Equipment Rack may be slide out, loaded, then slide into the wash chamber. Once the wash cycle is complete the Equipment Rack may be slide out for unloading.

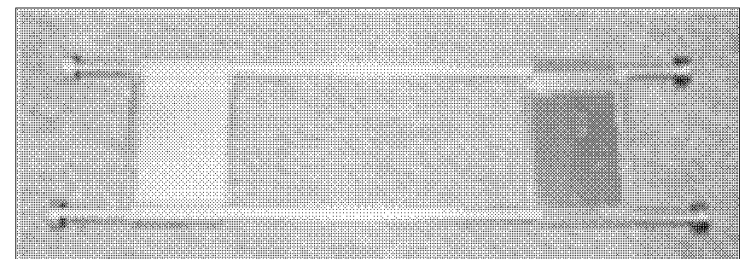
To remove the Equipment Rack:

- Undo any shipping strapping.
- Remove any shipping support boards under the Rack.
- Slide the Rack out of the chamber. Support legs will drop down to support the chamber.
- The Rack may be completely removed from the wash chamber by lifting the front guide pins out of the support rails.



Wheelchair Wheel Carriage & Small Wheel Cups - for models with the wheelchair wheel rotation system installed. The Wheel Carriage is used for easy loading and unloading of wheelchairs. The Small Wheel Cups are inserted into the Wheel Carriage - if necessary - to hold the front wheels of a wheelchair. The Wheel Carriage travels in the support rails.

Use the Wheelchair Wheel Carriage for wheelchairs and the Equipment Rack for items other than wheelchairs.



Utility Wash Trays (set of 2) - for smaller items. The Wash Trays provide a second level for washing smaller items. Combined with the Equipment Rack, the Wash Trays allow full utilization of the wash chamber. The Wash Trays slide in and out of the chamber on the upper set of rails inside the wash chamber.

Operations Manual:

Your Operations Manual is located in the rear mechanical cabinet. The Operations Manual includes set-up and operating instructions.

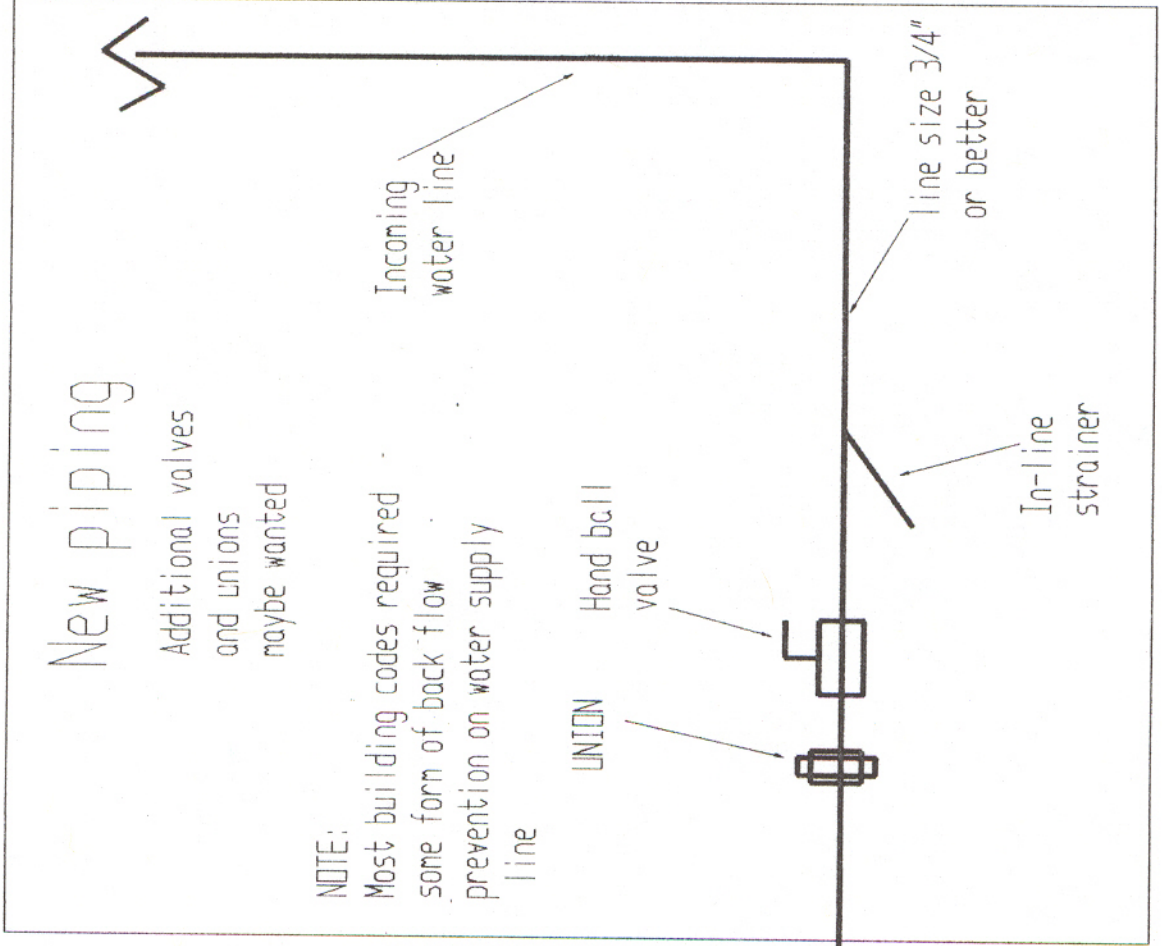
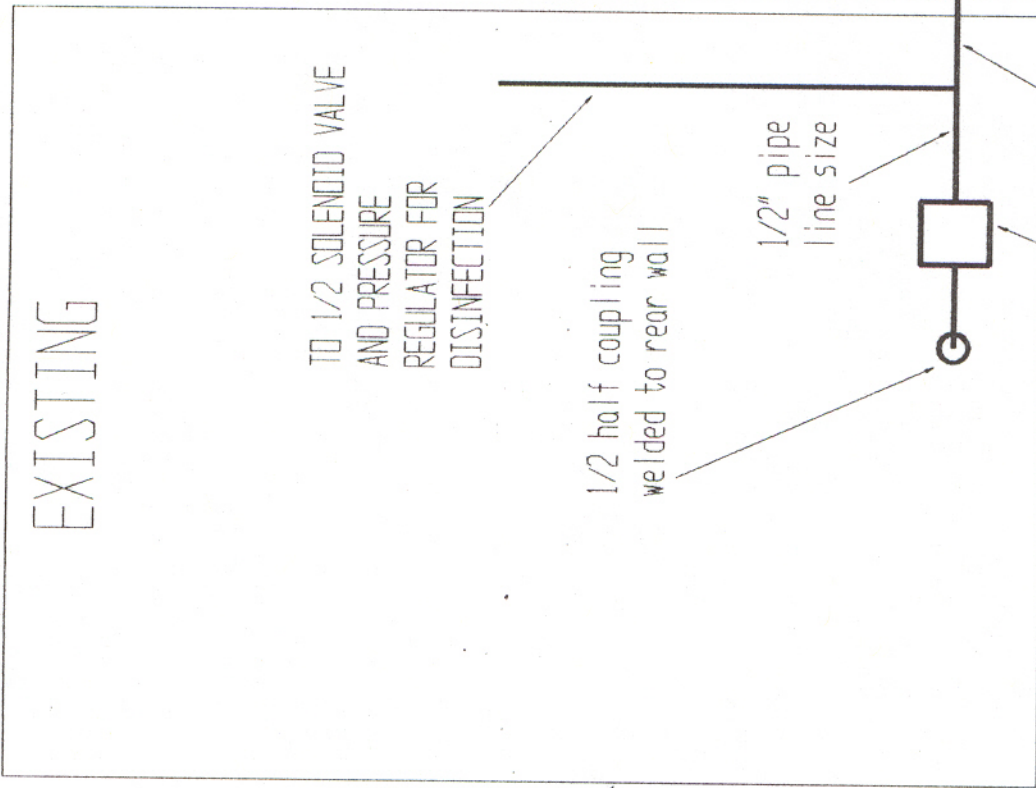
Please contact Aqua Phase directly if you have any questions unpacking and/or setting up your Aqua Phase Washer.

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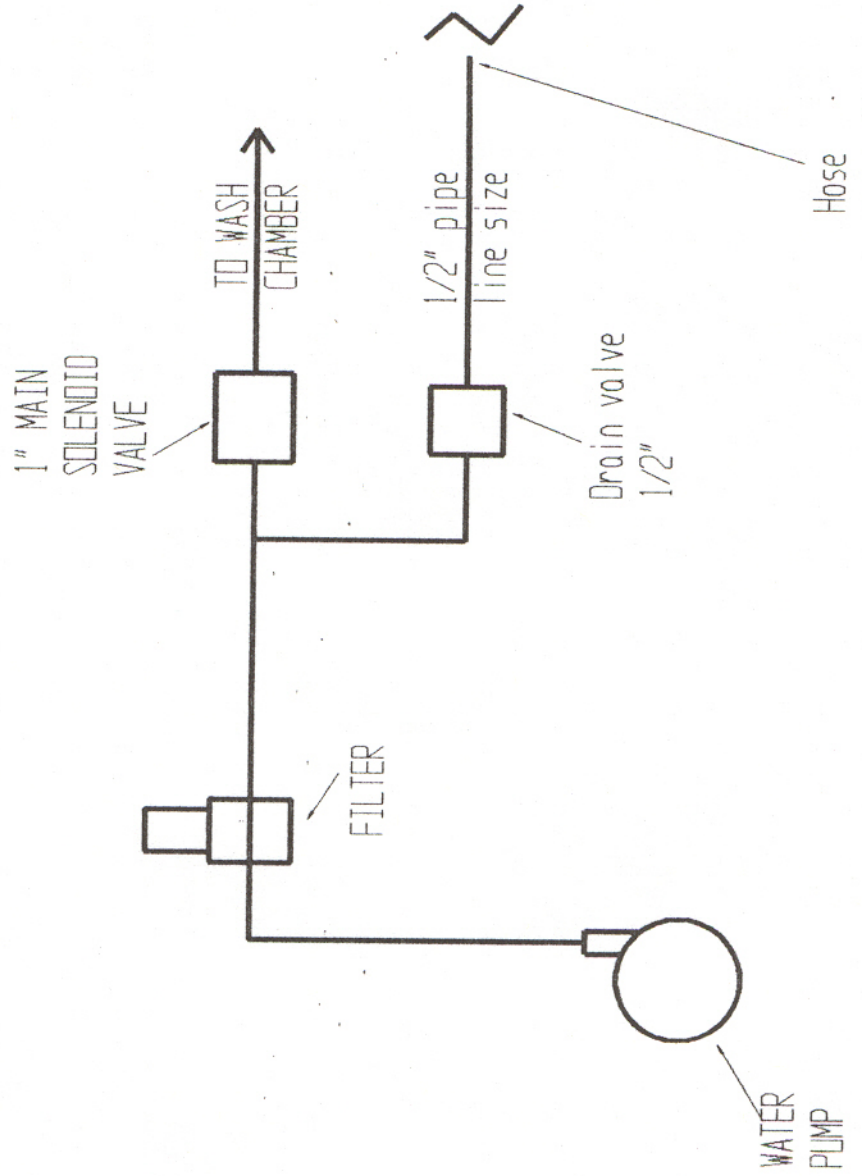
Aqua Phase Permanent

pipng example for fill line

rear wall of
machine



Aqua Phase PERMANENT PIPING EXAMPLE FOR DRAIN LINE.



New piping

Additional valves
and unions
maybe wanted

