AQUAROLL® A2S1
SYSTEM SETUP INSTRUCTIONS

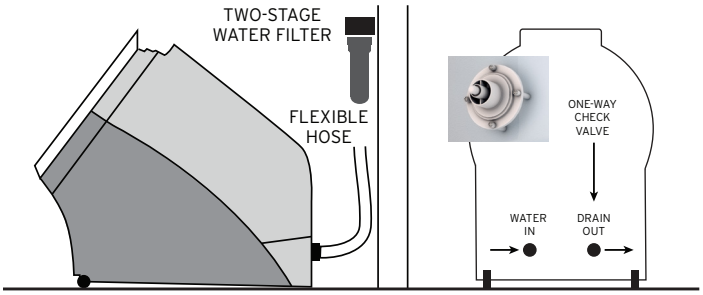
AQUAROLL® SYSTEM COMES WITH:

- ❍ 1 Aquaroll® A2S1 unit
- ❍ 2 bags of glass beads (8 kg bags)
- ❍ 1 water regulator valve
- ❍ 1 drain hose assembly with check valve
- ❍ 1 two-stage filter assembly (clinical units only)
- ❍ 2 ¾ inch female-to-female garden hoses

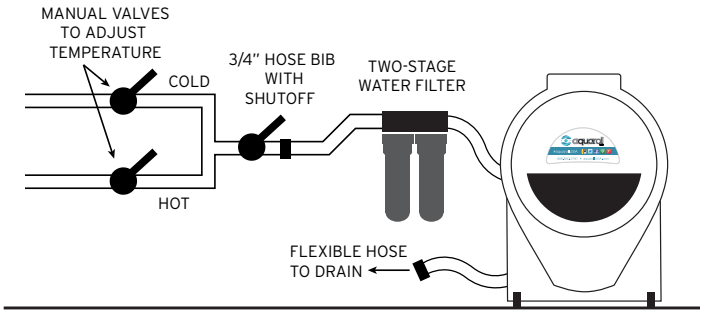
SYSTEM REQUIREMENTS:

- ❍ **Electrical:** Consult a licensed electrician, if needed, to connect to a standard 110 VAC circuit.
- ❍ **Plumbing:** You will need access to hot and cold water supplies, with a ¾ inch garden hose fitting and a minimum water pressure of 40 psi.
- ❍ **Drain:** While a floor drain is optimal, the unit can be connected to a sink drain with a ½ inch PVC tailpiece, as is common with a dishwasher or washing machine. The maximum height for an elevated drain is 36 inches. Drain output has a ½ inch PVC nipple that requires a check valve installed to prevent water flow back into unit.

INSTALLATION INSTRUCTIONS:

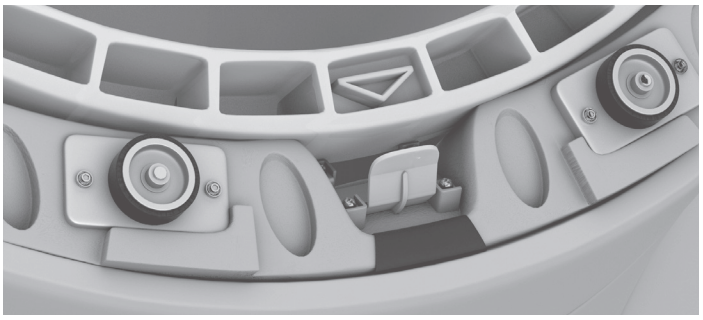


Install two-stage filter assembly 36-48 inches above floor behind unit. Connect one female garden hose from the hose from the water supply to the ¾ inch INLET fitting of the filter assembly. Connect the second female garden hose from the ¾ inch OUTLET of the filter assembly to the input of the water pressure regulator hose nipple. Then, attach to the threaded water inlet on the back of the unit. Turn on the water supply slowly and check for leaks. If leaks are present, tighten the hose connections and re-check, as necessary.

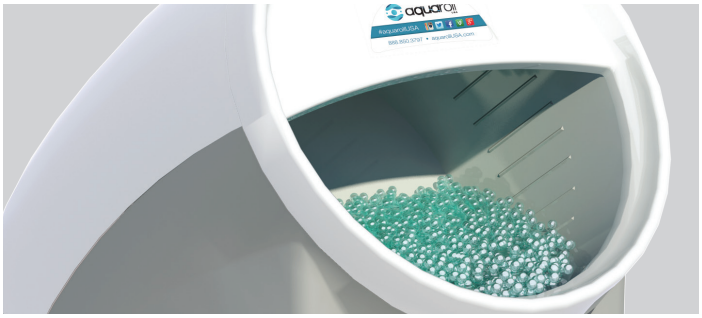


Connect the grey drain hose / check valve assembly to the solid PVC drain hose connection at the back of the unit and secure with the hose clamp provided. The other end of the grey drain hose will be connected to the tailpiece of the sink drain or floor drain, as applicable.

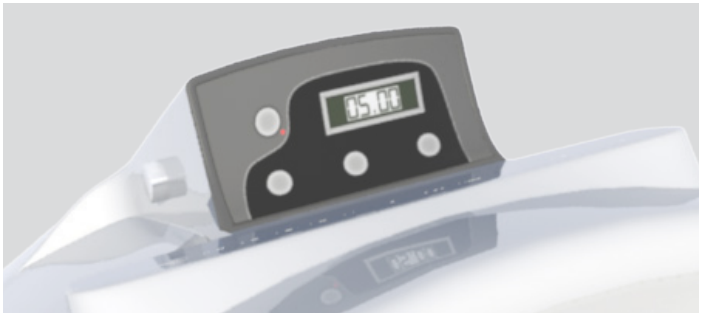
After the above connections are completed and it has been verified that no water leaks are present, connect the Aquaroll® unit to the AC power source.



The correct homing position can also be identified by the arrow on the outer radius of the drum pointing to the 6 o'clock position of the chassis. Once the drum is in the correct position, the unit may be turned on and rotation started.



Before powering on and starting the system, load the two (2) bags of glass beads into the drum and manually rotate to the homing position. The homing position can be identified when the bottom magnet on the outer radius of the drum is aligned with the magnet located at the 3 o'clock position of the chassis.



Power on the unit, using the "On/Off" button. (It may take a few seconds after the unit is plugged in for this button to be active, as the internal controls require a brief delay while the computer is activated.)

ADDITIONAL NOTES

- On-demand water heater is optional, where necessary, to achieve constant, desired temperatures. Note that a few degrees will naturally be lost going through the filters and the glass beads.
- On-demand water heaters, in general, can run on 110v and 220v. Choose a model that can provide approximately 2 gallons per minute.
- The last 6 feet of hose needs to be flexible braided stainless steel or blue clinical grade rubber to match the look of the filter assembly. This includes the hoses going into and out of the filter assembly. All hoses must match.
- There is an internal pump for the drain in the machine.
- Consult local and federal plumbing codes and ensure a temperature limiting valve is applied, where necessary.

Have questions about setup? Call 888.850.3797 for assistance.