

400SP Bubble Wall– Installation Notes & Component Connections

WWW.BUBBLEWALL.COM

Water Capacity and Type:

- Each panel holds approximately 2 gallons of distilled water - We recommend to pick up an additional 2 gallons for top offs. Distilled water can be purchased at all grocery and pharmacy stores. *Note: Tap water has impurities that will stain and even yellow your tank, do not use in your bubble wall

Safety:

- **Do not** make any wiring connections, including extension cords, near or under the bubble wall installation
- We recommend all bubble walls and fountains be plugged into Ground Fault Circuit Interrupter (**GFCI**) outlets for added safety

Important Installation Notes

- Proper planning and design of your installation is key when mounting your bubble wall panel
- It is recommended to build a double sided frame around the panel to encase it in wall mounted installations, making the frame components easy to remove using screws or a similar fasteners
- The bubble wall panel should be properly supported from the bottom of the unit, resting with all the weight on the bottom edge, with vertical support to both sides of the panel to keep the unit in a completely upright position. Adhesive foam strip may be used to cushion the unit on harder surfaces
- The unit should be mounted in a completely level position to avoid water spillage and proper bubble output
- There must be access to the top of the unit to refill evaporated water, and it is highly recommended to allow for easy removal and re-installation of the entire panel for draining, cleaning, bubble wand replacement, etc.
- Do not drill or screw into the bubble wall panel, or use any glues and/or solvents to mount the unit
- Components such as air pump and LED power supply should be mounted to either side of the panel (not under) in a remote location with access to power.

Water Fill – Make Sure Air Pump is ON First

- Air pump power should be ON before and during water fill process
- Begin filling to about 1/4 full with distilled water and check for leaks (if leaks are present, be sure to unplug the power cord and drain the tank immediately). Use care to not spill water down the front or back of your tank when refilling

Component Connections

- Plug in components as illustrated below
- Plug LED power supply into white controller box as shown in figure 1
- Plug LED lighting strip ends into controller ends with arrows aligning as in figure 2
- Attach blue air line from air pump to blue one-way valve from panel input as in figure 3



Care and Maintenance

- Regular top offs should be performed to maintain water level, keep plastic insert in place to prevent evaporation
- Check airline connections regularly to inspect for leaks or loosening tubes
- Wipe down your bubble wall with a damp soft towel to clean, never use abrasive cleaners or glass cleaners
- To drain your tank, disconnect from power and connections, remove top cover, then tank may be dumped out from the top fill area
- If bubble output becomes clogged, drain tank and remove bubble wand tube from tank by pulling the wand straight out away from the tank. Bubble output holes may be cleaned with a tooth brush (do not use metal brushes, picks, needles etc. as they will damage your bubble wand)
- Re-insert the bubble wand by first lubricating well with soapy water and sliding back into place carefully
- Replacement parts may be purchased on our website at www.bubblewall.com