

# Bubble Wall - Wall Mount Assembly Instructions

500WM

## Tools/Supplies Required:

- Flat & Phillips Tip Screw Drivers
- Tape Measure
- Power Drill and Fasteners
- Level (Recommended)
- 2 gallons of distilled water - We recommend to pick up an additional gallon for top offs. Distilled water can be purchased at all grocery and pharmacy stores. \*Note: Tap water has impurities that will stain, clog the bubble wand, and even crack your tank, never use this in your bubble wall!

## Safety:

- We recommend all bubble walls and fountains be plugged into Ground Fault Circuit Interrupter (**GFCI**) outlets for added safety
- Always use caution along with eye and hand protection when installing your bubble wall!

## Unpacking

- Carefully open the crate from the **shipping label side**. Caution: Shipping crates contain wood and metal materials – use hand and eye protection when opening
- Remove (6) Phillips head screws securing the unit in the crate, and remove the complete fountain
- Remove all packaging and inspect for any damage. Note: Condensation may be present in the tank, as all units are tested full of water prior to shipment
- For your convenience, included are a pair of latex gloves to protect your unit from finger smudges and prints during assembly, which can be difficult to remove from bare metal surfaces.

## Plan Your Installation

- Choose a mounting location which is completely flat, has wood studs in suitable locations inside the wall, and high enough on your wall to be out of reach of children and pets.
- If you plan to conceal the power wire and air tubing inside the wall, make arrangements to route the connections before mounting the fountain.
- Verify a power outlet is within a reasonable distance from the planned location. A suitable extension cord may be used to extend wiring when used in accordance with your local building and fire safety codes, however **do not** make any wiring connections inside the base of your bubble wall unit.
- The air pump should be placed on a clean, flat, and level surface near the power outlet. Do not place the air pump in any enclosure which may restrict air flow to the unit.

## Mounting the Bubble Wall

**Note:** This unit is intended to be mounted to a standard 16 inch-on-center wood stud construction wall surface found in common residential buildings. If you are unfamiliar with this format, or for installations other than described, mounting should be performed by a qualified professional.

- The unit may be mounted on the wall as you would a picture frame with two fasteners spaced exactly 32 inches apart. The fasteners **must** be installed into your wall's wood studs which are located every 16 inches along your wall.

- Using a level and tape measure, make two marks exactly 32 inches apart at the stud locations on your wall
- Install suitable screws for your planned installation - Due to the broad range of possible installations we do not provide fasteners. Note: If you are unsure what fasteners to use, we recommend consulting with a representative at your local hardware store for advice on screw types and lengths for your particular installation – bubble wall weight is approximately 16lbs full of water
- Optionally for tamper resistant applications, the unit is equipped to allow additional mounting points at the lower mounting key holes exactly 14” below the first set of fasteners.
- Once all fasteners are installed and protruding approximately 3/8 inch from the wall surface, hang the fountain by sliding it down onto fastener heads through the key holes at the rear of the unit.
- Route LED lighting power cord and blue air tubing to the planned location and connect to power as seen below.



**Water Fill – \*Air pump must be on before filling with water and should remain on at all times**

- Air pump must be on, and delivering air to the unit **before filling with water.**
- Using the provided funnel, slowly begin filling the unit through the fill tube in the top of the tank
- Fill 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). Finally, fill the tank to about 1 inch from the top
- Use care to not over fill and spill water down the front or back of your tank

**LED Lighting and Remote Control Programming Instructions can be found at:**

[www.youtube.com/watch?v=AXjKZ15-qTM](http://www.youtube.com/watch?v=AXjKZ15-qTM)

**Important Care and Maintenance**

- Regular top offs should be performed to maintain water level, keep top plastic cover 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, detach from wall, then tank may be drained out from the top fill area
- If bubble output becomes clogged, drain tank and remove bubble wand tubes from tank by carefully 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 1 inch at a time
- Replacement parts may be purchased on our website at [www.bubblewall.com](http://www.bubblewall.com)