

# QUICK START GUIDE HOW TO INSTALL A MIXING STATION

These supplemental instructions will reference a 2-Way Ball Mixing Station but will also work for a 1-Way and a 3-Way.

## WHAT YOU NEED

- Mixing Station
- Rescue™ Concentrate
- Crescent or pipe wrench
- Drill & wall anchors
- Timer
- Screw driver



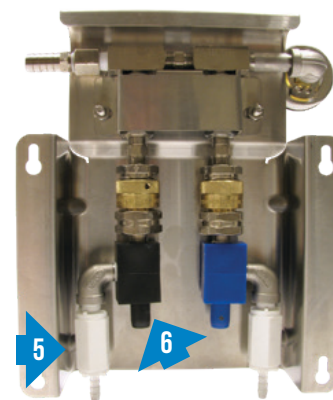
### Included in Mixing Station Kit:



## MIXING STATION

The mixing stations are roughly 10" tall and range from 7" to 11" wide. Check the operating instructions that came with the station you ordered for exact measurements.

- |                          |   |
|--------------------------|---|
| 1. Pressure Gauge        | 5. Check Valve  |
| 2. Water Inlet           | 6. Injector Body<br>Black = High Flow<br>White = Low Flow<br>Blue = Bottle Fill |
| 3. Ball Valve            |   |
| 4. Holes for wall screws |   |



## INSTALLATION

### 1. CHOOSE LOCATION

We recommend an easy to access location with:

- Access to water source
- Room for a Rescue™ concentrate source - 5 gallon bucket or 55 gallon barrel
- Room for mop bucket

### 2. ATTACH TO WALL

- Drill holes for mounting
- Insert screws (Do not firmly attach station to wall yet.)

### 3. HOOK UP WATER



- Place washer with filter into the threaded end of the blue hose (doesn't matter which way the filter faces, so long as it's in the hose)
- Connect to water source
- Place clamp ring over the other end of hose, slide hose over water inlet (see above image) and tighten clamp
- Turn faucet on all the way
- Let pressure stabilize

### 4. CHOOSE METERING TIP

Metering tips are used to regulate the dilution/mix rate of chemistry and water and vary by case due to individual water pressure.



- First choose the dilution rate that is right for you: 1:64 (2oz/gal) for daily disinfecting or 1:16 (8oz/gal) for outbreaks.
- When choosing a metering tip, a good starting point for high flow is medium green for 1:64 (2oz/gal) or clear aqua for 1:16 (8oz/gal), or for bottle fill is white for 1:64 (2oz/gal) or medium green for 1:16 (8oz/gal).
- Insert tip into the chemistry intake valve (#5 pictured above) using the tip driver included in the metering tip bag.
- Attach suction tube with weighted strainer to the check valve, make sure it's pushed over all 3 ridges (#5 pictured above). Then place weighted end into Rescue™ concentrate source.
- Attach discharge tube to the injector body (#6 pictured above) and place in mop bucket.
- Place mixing station back on the wall.

## CHECKING DILUTION RATES

*Proper calibration CANNOT be accomplished without using test strips to verify the desired dilution rate.*

### 1. TURN ON STATION



- Turn on the ball valve you are calibrating. (Do not fill mop bucket for use yet.)
- Briefly let the solution run until no air bubbles are present in the suction tube. May take up to 60 seconds.
- Turn off of the ball valve and dump the solution.

### 2. SAMPLE SOLUTION

- Run a small amount of solution into a container.

### 3. TEST STRIP

- Dip the padded end of the strip into the solution (not the foam) for 1 second. Move foam out of the way if necessary for clear access to solution.
- Do not shake the strip. Once removed, hold the strip horizontally and time for 50 to 55 seconds.
- Match strip to the color swatch on the bottle that is indicated for your dilution rate.
- **NOTE:** Delayed reading of the strip color may invalidate the results. The strip will continue to darken after read time.

### 4. STRIP DOESN'T MATCH

- Looking at the chart from the tip bag, choose a new metering tip and repeat "Checking Dilution Rates" procedure.
- **NOTE:** If solution is too strong (strip is too dark), choose a new tip a few steps above the current selection.
- **NOTE:** If solution is too weak (strip is too light), choose a new tip a few steps below the current selection.
- Continue to repeat as needed.
- **NOTE:** Validate for all new set-ups and recalibrate once a month.

### 5. STRIP MATCHES

- Fasten mixing station firmly to the wall. Mixing station is ready for use.

