**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:**
- Test Strips
- Metering Tips
- Suction Tube(s) with weighted strainer
- 10 ft. Blue Water Hose (can be cut to size)
- Precise test strips

---

**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
2. Water Inlet
3. Ball Valve
4. Holes for wall screws
5. Check Valve
6. Injector Body

**Black** = High Flow
**White** = Low Flow
**Blue** = Bottle Fill

---

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

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.