

# Dilution Control Systems

# Sink Station Model 421081 4 GPM

<b>In the box:</b> •Stainless dilution unit •Cap hose assemblies •Product discharge tubing 1/2" x 6ft	•Mounting hardware •Tips,(installed) •Product labels, (applied) •Instruction sheet
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**Note:**

Metering tips are installed as shown in figure 4, do not remove.

Installation must conform to local plumbing codes and use approved backflow prevention devices. A pressure indicating tee is to be installed with existing faucets according to local plumbing codes in the state of Wisconsin and any other state that requires the use of a pressure indicating tee. Dispensers are equipped with ASSE 1055B Approved backflow devices.

Read precautionary information on product SDS prior to handling.

**Installation**

**Mounting Dispenser Assembly**

1. Remove the 2 ball valve screws and knobs, slide front cover off, Fig 2.
2. Position dispenser on wall and mark four mounting screw locations.
3. Install supplied anchors in wall and install screws half way into anchors.
4. Slide the dispenser over the screw heads and tighten screws.
5. Install cap hose assemblies onto small hose barbs with tips, Fig 2.  
 Note: Do not allow black tip pigtail to get crimped while installing hose, Fig 4.  
 Note: Chemical containers can be no greater than 3 feet below dispenser.
6. Cut product outlet tubing to desired length and install onto hose barbs.  
 Place product tubing in basin where chemical is desired, Fig 3.
7. Replace the cover, ball valve knobs, and tighten screws.  
 Water Supply (Inlet pressure must be between 20 psi (1.38 bar) and 125 psi (8.62 bar).
8. Attach garden hose to the water inlet connection on unit.

**Note**

- For 3 basin sinks operating from right to left, confirm the discharge hoses are directed into the proper basin.
- Attach only to tap water outlets (20 PSI minimum, 125 PSI maximum), maximum temperature - 140°F (60°C).
- Use hardware supplied with rack if mounting this unit to product rack part number 421082.

**Operation**

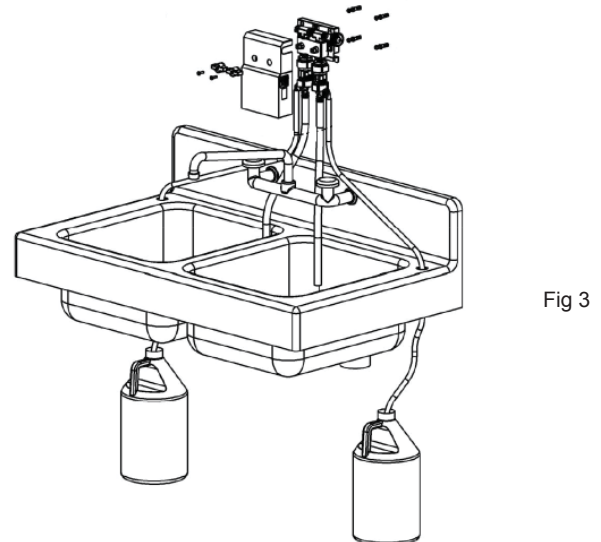
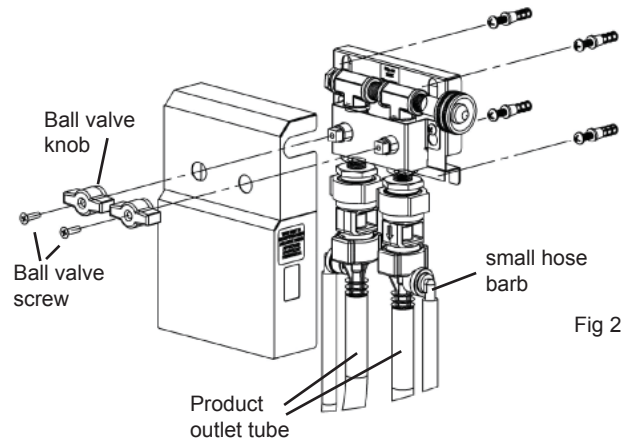
Once the tubing is in place, simply rotate the correct ball valve knob to the "on" position and let the chemical/water solution fill the sink to the desired level.

Rotate the ball valve fully to the "off" position when basin is full.

**Note:** Turn only one valve on at a time. Do not turn both on at the same time.

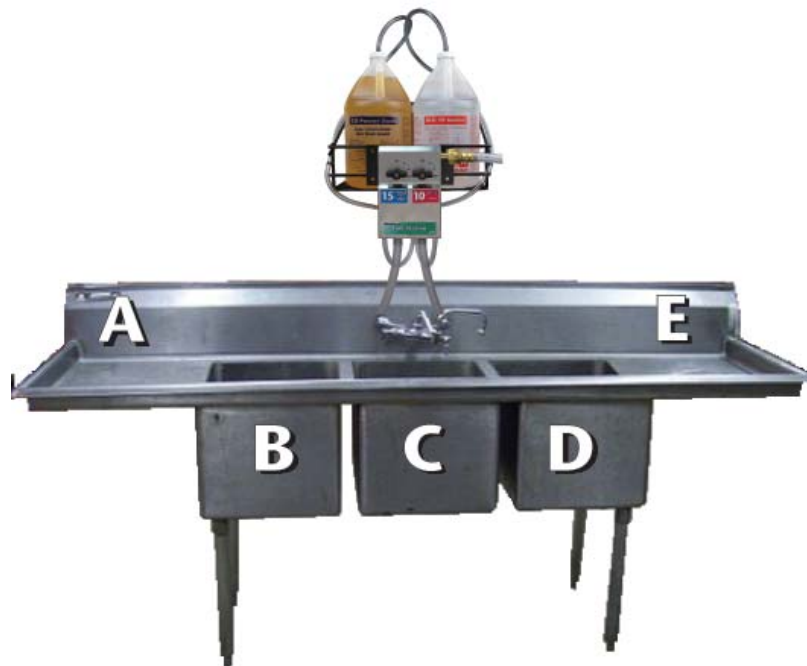
**Faucet adapter kit**

**Model 421071** – Makes installing Sink Station easy. Includes valved manifold and adapters for Chicago, Fisher, and T&S faucets.



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# Dishwashing Procedure



## 1. Preparation

- Gather all items to be cleaned and place on dishboard "A".
- Flush, scrape and if necessary, pre-clean items to be washed. Scrape debris into trash receptacle.
- Sinks must be clean before use.

## 2. Fill Sinks

- Turn on water supply to SINK STATION, then adjust water temperature to warm.
- Fill the first basin "B" to the desired level by turning the **Power Suds** valve on.
- Drain and refill as needed.
- Fill second basin "C" with warm potable water. This is the rinse basin, drain and refill with fresh water as needed.
- Fill the third basin "D" to the desired level by turning the **MC-10 Sanitizer** valve on.
- Periodically test sanitizer solution in basin "D" using quat test strips. Reading should be between 200 and 400ppm.

## 3. Washing

- Thoroughly wash all items in the first basin.
- Allow soapy water to drain off item and move to the rinse basin "C". Rinse items in rinse water.
- Move items to the third, sanitize, basin "D".
- Allow items to soak for at least 1 minute.
- Place items in drying rack "E" to air dry.
- Do not re-rinse or towel dry.
- Test and change **M-C 10 Sanitizer** solution, periodically to assure sanitizing solution is effective.



To replace product container when empty: Remove cap from concentrate and peel back safety cover. Plug into system by simply screwing on cap assembly.