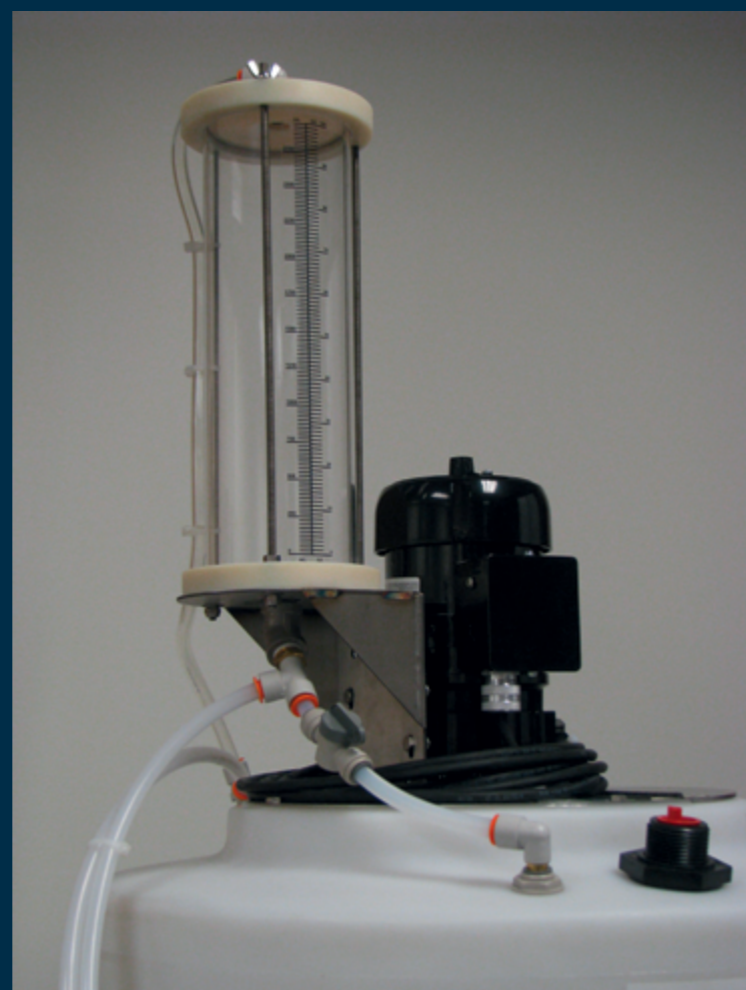




**100oz. CALIBRATION PKG.
#79689837**





MENU



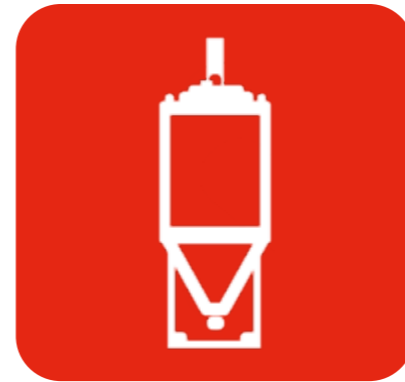
This is an interactive PDF. Click on an icon tile and navigate to a chapter of interest.



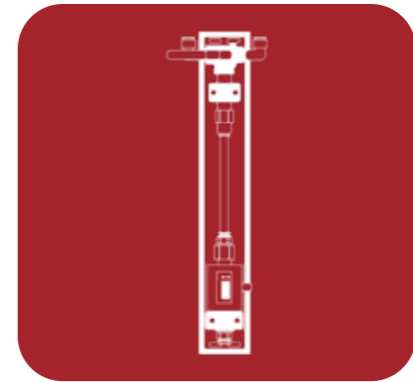
Legal & Safety



System Diagram



CBP Tanks



Flow Meter Kit



Pictograms

Users can advance or go back single pages by using quick navigation links shown below, right.

Users can navigate to the Menu by clicking on the Menu icon shown below, left.





LEGAL & SAFETY

This manual contains technical information regarding Bayer SeedGrowth™ Equipment. Please read and understand these instructions completely before proceeding to install and operate the equipment. Bayer reserves the right to change specifications, models, components, or materials at any time without notice. For additional equipment information contact us at 1.800.634.6738. Please have this manual available when contacting Bayer.

Always use caution and common sense when working with any chemical. Read the product label and SDS carefully and follow their instructions exactly as described.

Optimal operating conditions for this piece of equipment requires an ambient temperature 32° F to +104° F (0° C to +40° C), relative humidity less than 90% (minimum condensation). Make necessary provisions to protect this piece of equipment against excessive dust, particles containing iron, moisture and against corrosive and explosive gases.

Our technical information is based on extensive testing and is, to the best of our current knowledge, true and accurate but given without warranty as the conditions of use and storage are beyond our control. Variables, such as humidity, temperature, change in seed size or variety and viscosity of chemical products can all affect the accuracy of the chemical application and seed coverage. To ensure the desired application rate and optimum seed coverage, check the calibration periodically throughout the day, and make adjustments as needed.

Any person who is involved in the installation or periodic maintenance of this equipment should be suitably skilled or instructed and supervised using a safe system of work. Isolate the treater before removing guards for maintenance.





EXPOSURE CONTROL

Always use caution and common sense when working with chemicals. Read the product label and SDS carefully and follow their instructions exactly as described. The following Personal Protective Equipment (PPE) recommendations and best practices help promote safe use in seed treatment.



Note: Exposure Control signs and labels conform to the requirements of ANSI Z535.4 or ISO 3864.



Wear protective clothing

Wear disposable or reusable coveralls with long sleeves.



Hand protection required

Wear chemical-resistant gloves.



Wear rubber boots

Wear chemical resistant rubber boots.



Labels

Label recommendations and directions for handling must be followed, including treatment procedure (use of sticker) as well as the safety requirements.



Treatment products

Keep products in a locked room that has been approved for crop protection products.



Wear a mask

Wear respiratory protection.



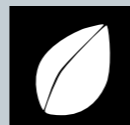
Eye protection required

Wear protective eyewear.



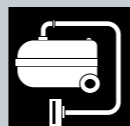
Calibration

Seed treatment equipment must be checked and calibrated regularly to ensure accurate and safe application.



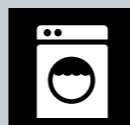
Clean seed

Use well cleaned seed to avoid creation of polluted dust that will contaminate the machine, treating facility, workers, farmers and the environment during sowing.



Cleaning

Use a vacuum to clean machines. Avoid using compressed air for cleaning.



Laundry

Wash soiled reusable clothing separately. Workers must take a shower after each shift.



Empty containers

Non-returnable empty containers must be triple rinsed before they can be disposed. For others the recommendation of the producer must be followed.



Spillage

Spillage must be avoided; it must be thoroughly cleaned up to avoid contaminating the environment and waterways.



Maintenance

Keep machinery clean between treating sessions.





REFERENCE SYMBOLS

Symbols and signal words are used to identify the level of hazard and help avoid personal injury.



Note: Safety signs and labels conform to the requirements of ANSI Z535.4 or ISO 3864.



Shock Hazard

Alerts that dangerous voltage may be present.



Warning

Alerts that a hazard may cause serious injury or death.



Caution

Alerts that a hazard may cause minor or moderate injury.



Hand crush - moving parts

Alerts crushing is possible.



Pinch point

Keep hands away from pinch points.



Rotating shaft

Do not wear loose clothing around turning parts.



Disconnect

Disconnect to de-energize before opening.



Use guards

Keep guards in place. Do not remove during operation.



Lifting

Requires two people to safely lift an item.



Lift points

Requires the use of proper rigging and lifting techniques based on the lift plan.



Center of gravity

Indicates the center of gravity of the machine to help assist when rigging and lifting.



Tools

Required tools for installation and maintenance.



Parts

Required parts for installation and maintenance.



Tip

Calls attention to special information.



Note

Emphasizes general information worthy of attention.



Example

Provides a problem or exercise that illustrates a method or principle.

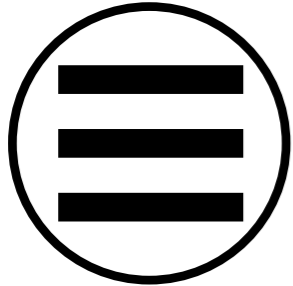




PICTOGRAMS

i

Each Signifier displayed here is specific to this User Manual.



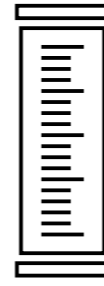
Menu



Previous



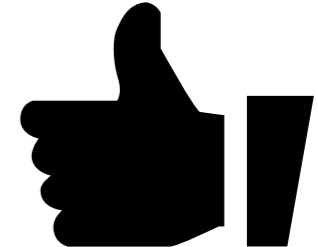
Advance



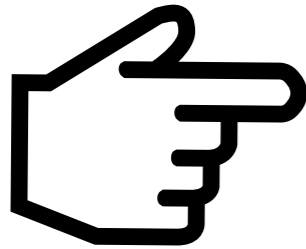
Calibration



Liquid



Like



Cursor Hand



Seed



Flow Meter Kit



CBP Tank



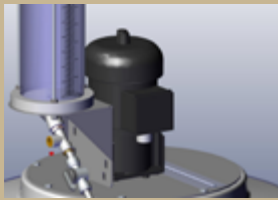


SYSTEM DIAGRAM

Dry Weight
8.2 LBS [3.7 KG]

Overall Height
22.28" [566mm]

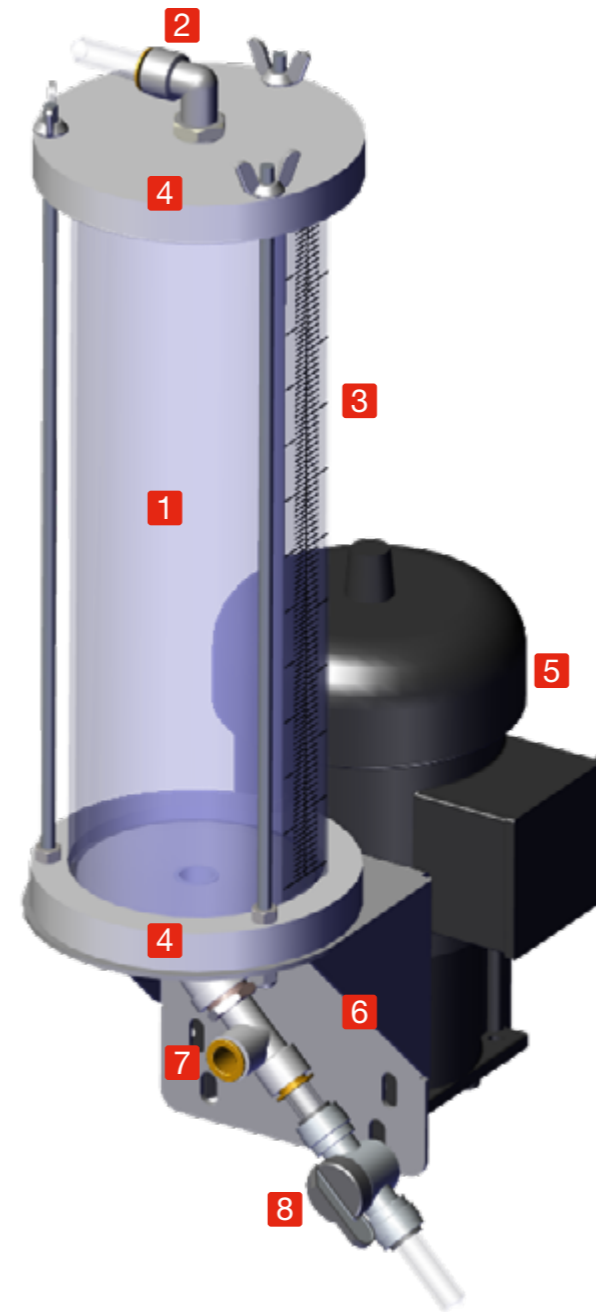
Capacity
100oz [3 L]



The Top Mount Calibration kit is specifically designed as an add-on option, mounted on top of an existing CBP Tank.

- 1** Clear Acrylic Calibration Cylinder
- 2** Top Vent
- 3** Calibration Scale
- 4** End Cap (2)
- 5** Motor, ref.
- 6** Mount Plate
- 7** Run Tee
- 8** Shut Off Valve

100oz. CALIBRATION PKG., REF.



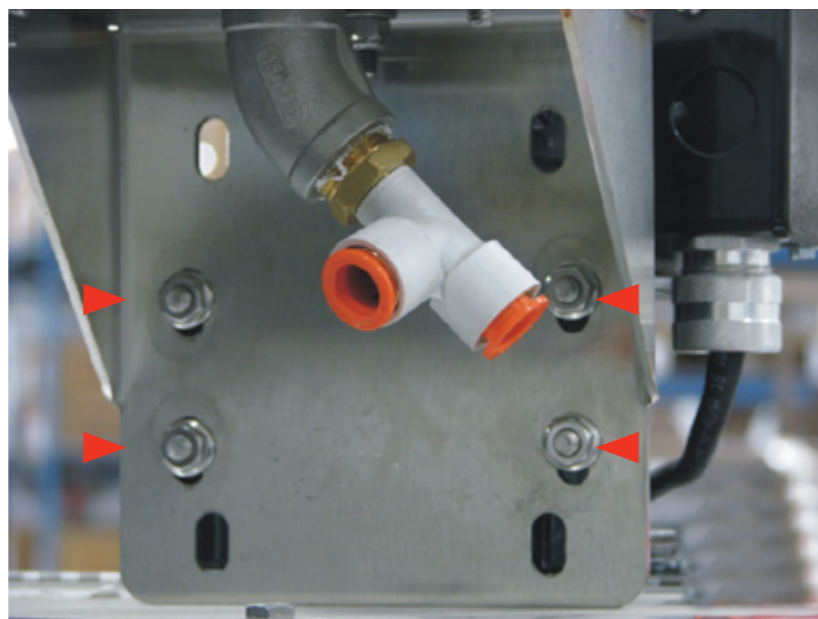


WITHOUT FLOW METER



Required assembly tools

- 7/16" Socket Head Wrench (2)
- Tubing Cutter



Optional Calibration Pkg CBP Tank Only

Step 1: Connect the Calibration Mount Plate to the Tank Agitation Motor Base with factory supplied hardware in this order:

- bolt+[Tank Motor Mount + Calibration Mount Plate]+wiz nut.
- Tighten securely.

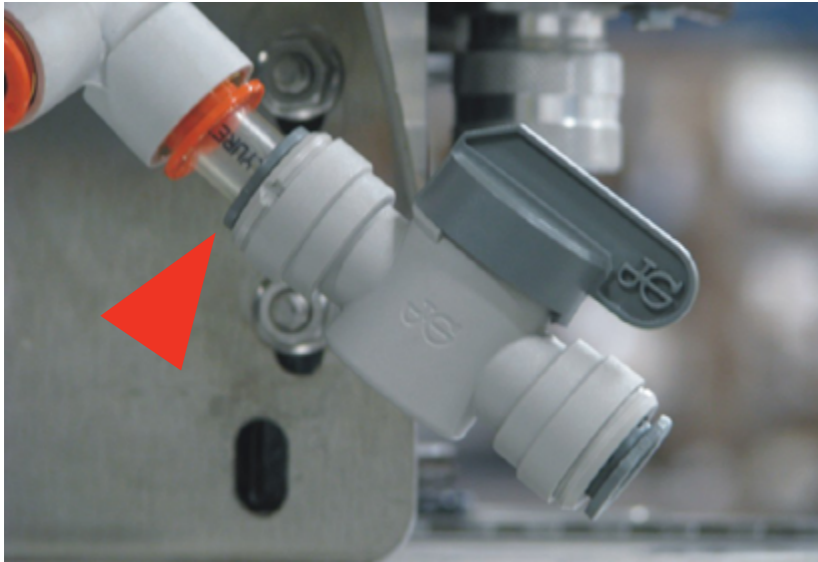


Step 2: Cut a 3" piece of 1/2" Tubing.

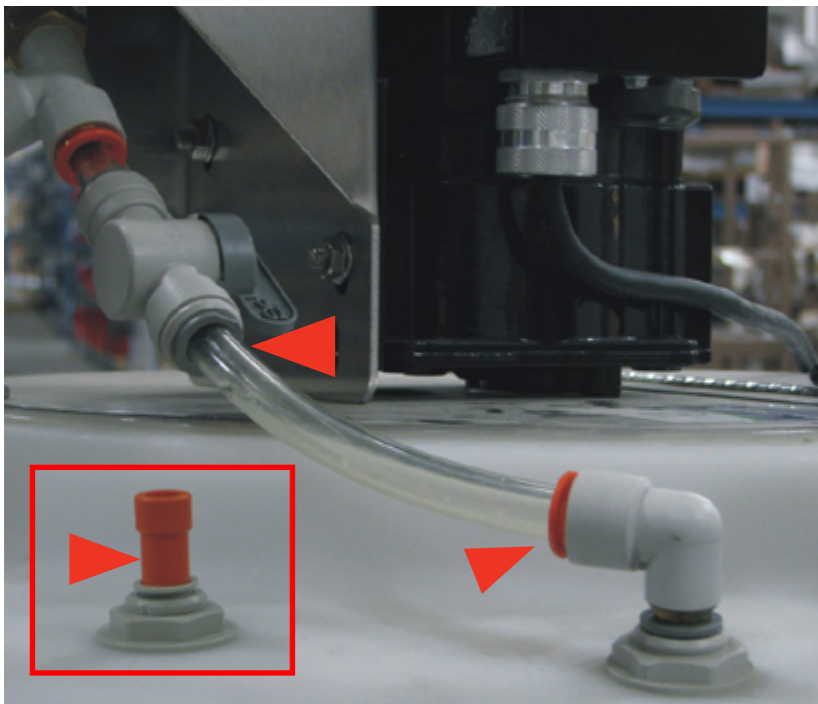
- Press it into the 1/2" Male Run Tee (attached to the bottom of the Calibration Cylinder) as shown.

Continued ➡





Step 3. Connect the 1/2" Plastic Shutoff Valve to the piece of 1/2" Tubing.

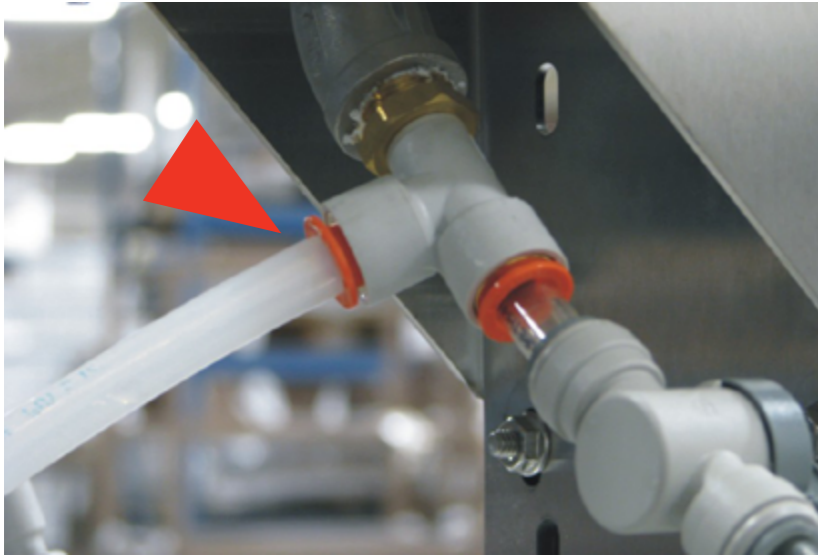


Step 4: Remove the 1/2" Calibration Port Plug from the top of the Tank.

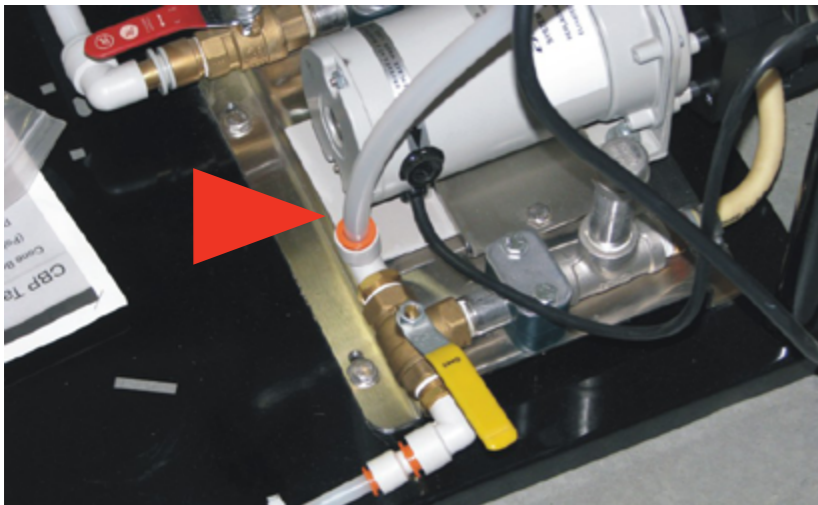
- Cut to fit a piece of 1/2" Tubing.
- Press it into the 1/2" Plastic Shutoff Valve.
- Press the other end into the 1/2" 90° Elbow Press-lock Fitting and install on top of the CBP Tank as shown.

Continued ➔

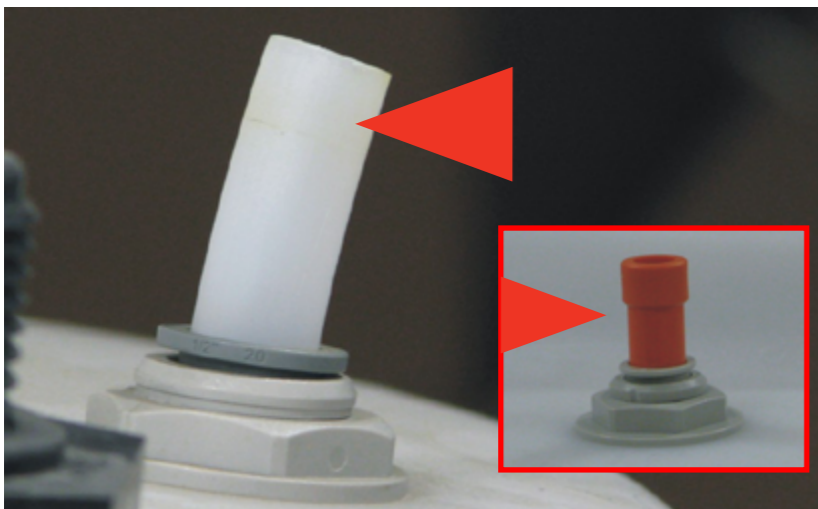




Step 5: Connect one end of 1/2" Recirculation Tube to the 1/2" Male Run Tee located underneath the Calibration.



Step 6: Cut to fit and connect the other end of the Vent Tube to the Press-lock Fitting on the pump, located underneath the CBP Tank.

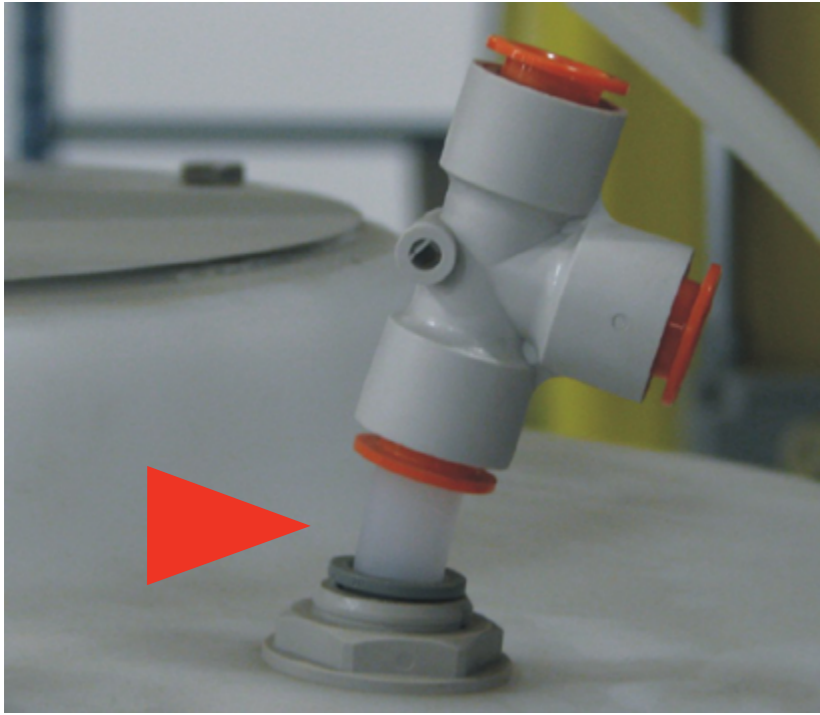


Step 7: Remove the second Vent Plug from the top of the CBP Tank.

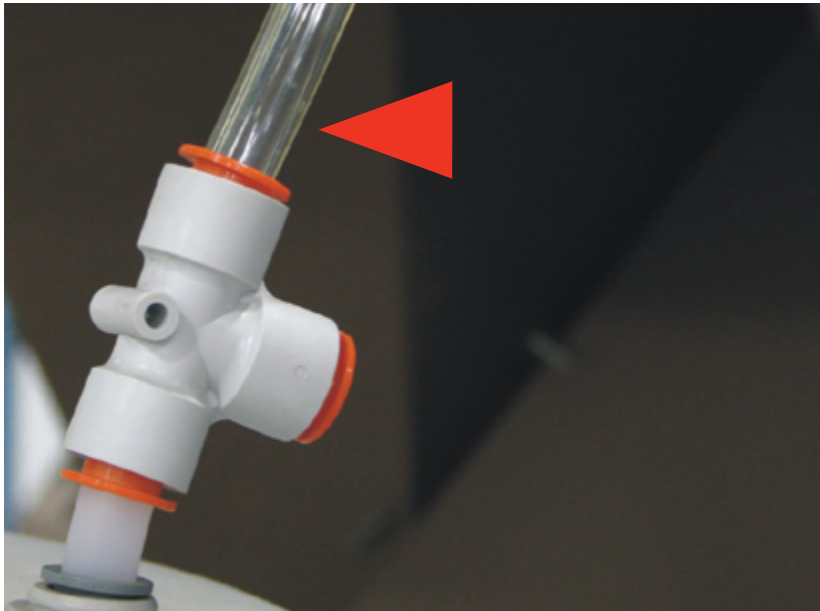
- Cut a 2" piece of 1/2" Tubing.
- Press it into the 1/2" Vent Press-lock Fitting.

Continued ➞





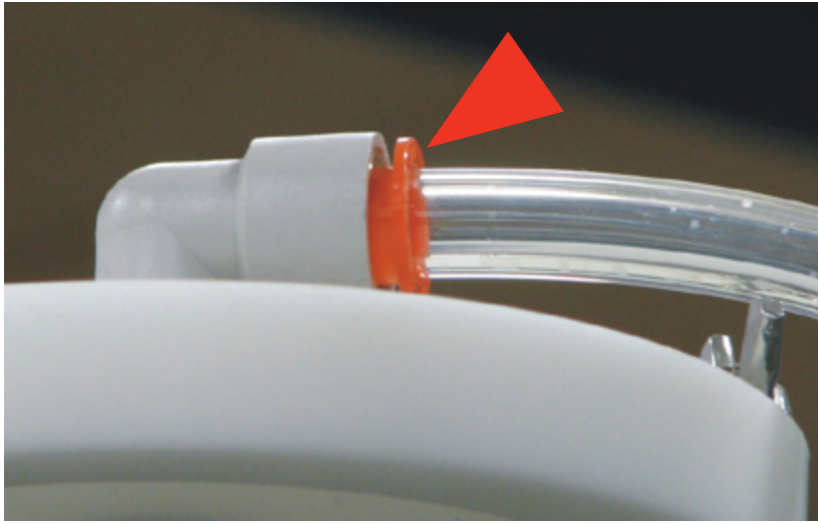
Step 8: Press the 1/2" Union Tee onto the 2" piece of tubing.



Step 9: Press the remaining 1/2" Tubing into the 1/2" Union Tee.

Continued ➞





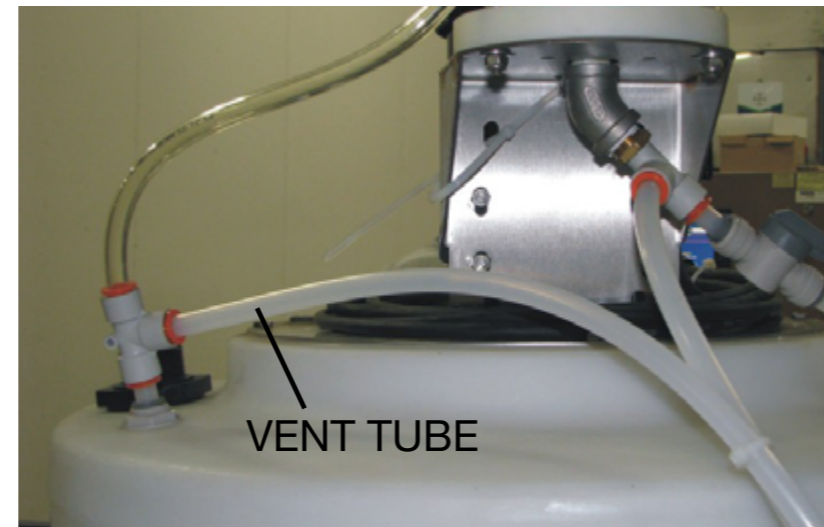
Step 10: Cut to fit and connect the remaining piece of 1/2" Tubing to the 90° elbow press-lock fitting, located on top of the Calibration Tube.



Step 11: Connect one end of the 1/2" Vent Tube to the 1/2" Union Tee.



Step 12: Cut to fit and connect the other end of the Vent Tube to the 1/2" Press-lock Fitting on the pump, located underneath the Tank.



This completes the Top Mount Calibration Kit Installation.



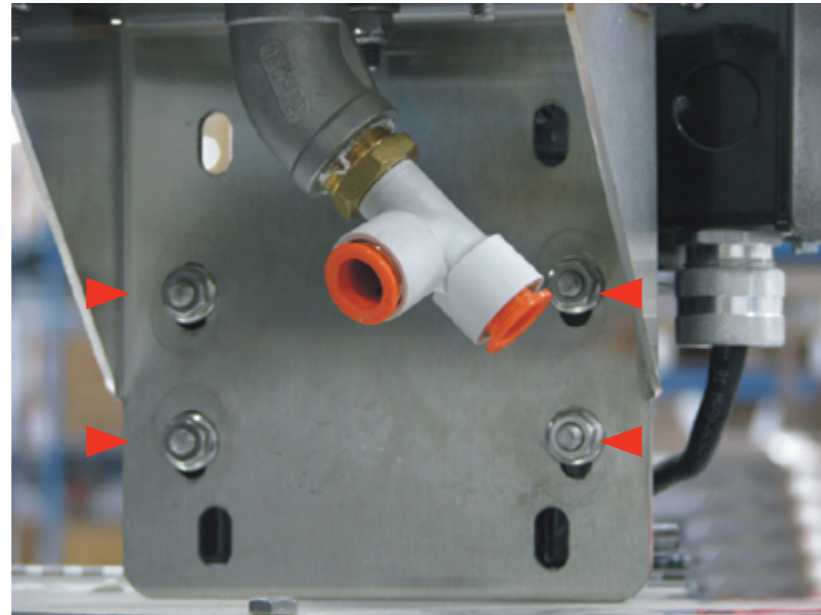


WITH FLOW METER



Required assembly tools

- 7/16" Socket Head Wrench (2)
- Tubing Cutter



Optional Calibration Package with Flow Meter

Step 1: Connect the Calibration Mount Plate to the Tank Agitation Motor Base with factory supplied hardware in this order:

- bolt+[Tank Motor Mount + Calibration Mount Plate]+wiz nut.
- Tighten securely.



Step 2: Cut a 3" piece of 1/2" Tubing.

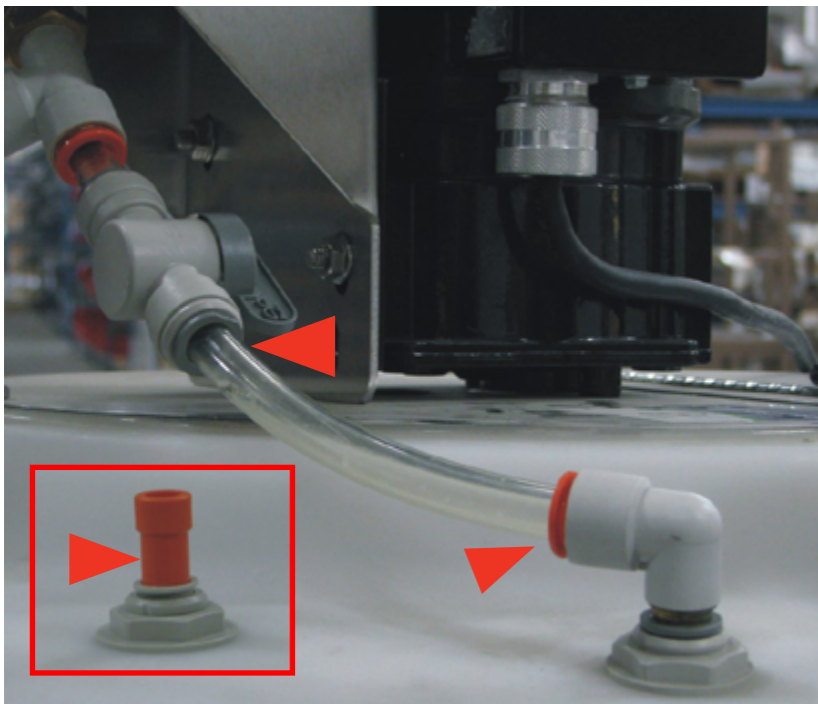
- Press it into the 1/2" Male Run Tee (attached to the bottom of the Calibration Cylinder) as shown.

Continued ➡





Step 3. Connect the 1/2" Plastic Shutoff Valve to the piece of 1/2" Tubing.

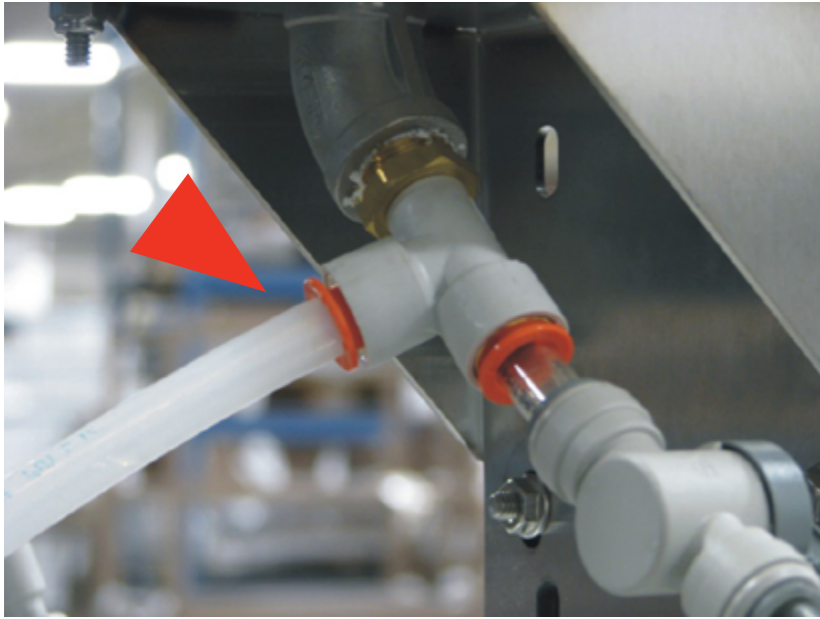


Step 4: Remove the 1/2" Calibration Port Plug from the top of the Tank.

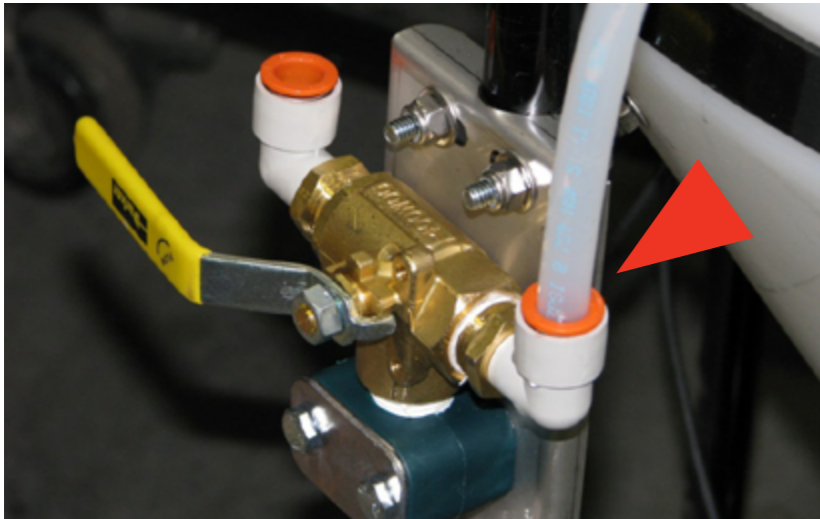
- Cut to fit a piece of 1/2" Tubing.
- Press it into the 1/2" Plastic Shutoff Valve.
- Press the other end into the 1/2" 90° Elbow Press-lock Fitting and install on top of the CBP Tank as shown.

Continued ➔





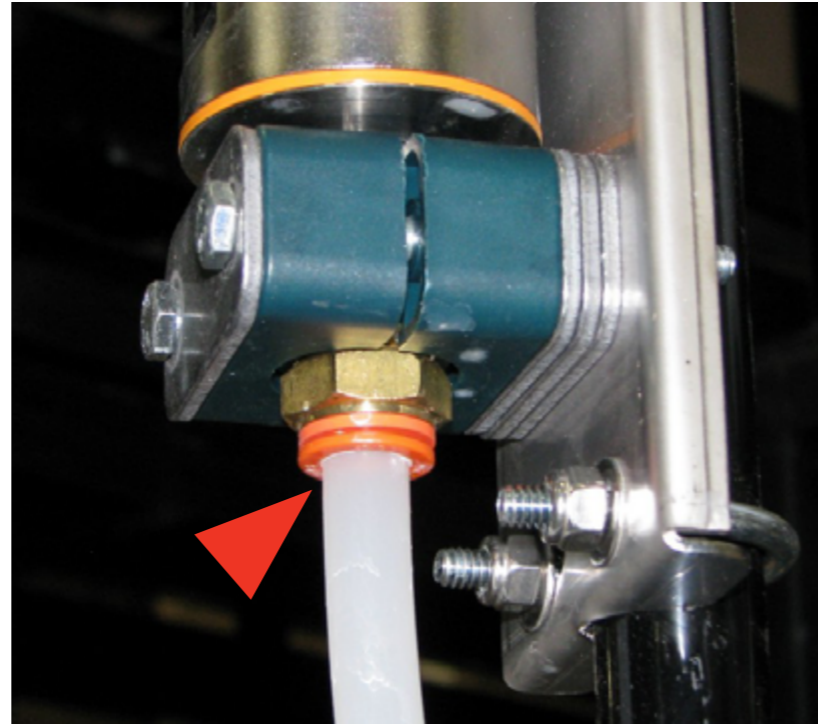
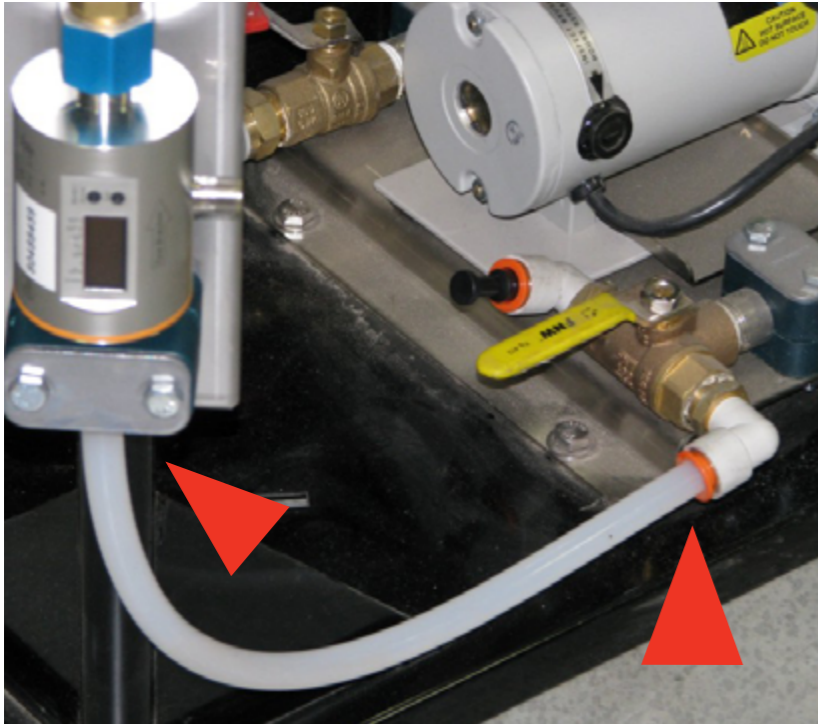
Step 5: Connect one end of the 1/2" Recirculation Tube to the 1/2" Male Run Tee located underneath the Calibration Tube.



Step 6: Connect the other end of Tubing to the 1/2" Press-lock Fitting on the Flow Meter Assembly (right side).

Continued ➞





Step 7: Connect one end of the 1/2" Transfer Tube to the 1/2" Press-lock Fitting on the pump, located underneath the Tank.

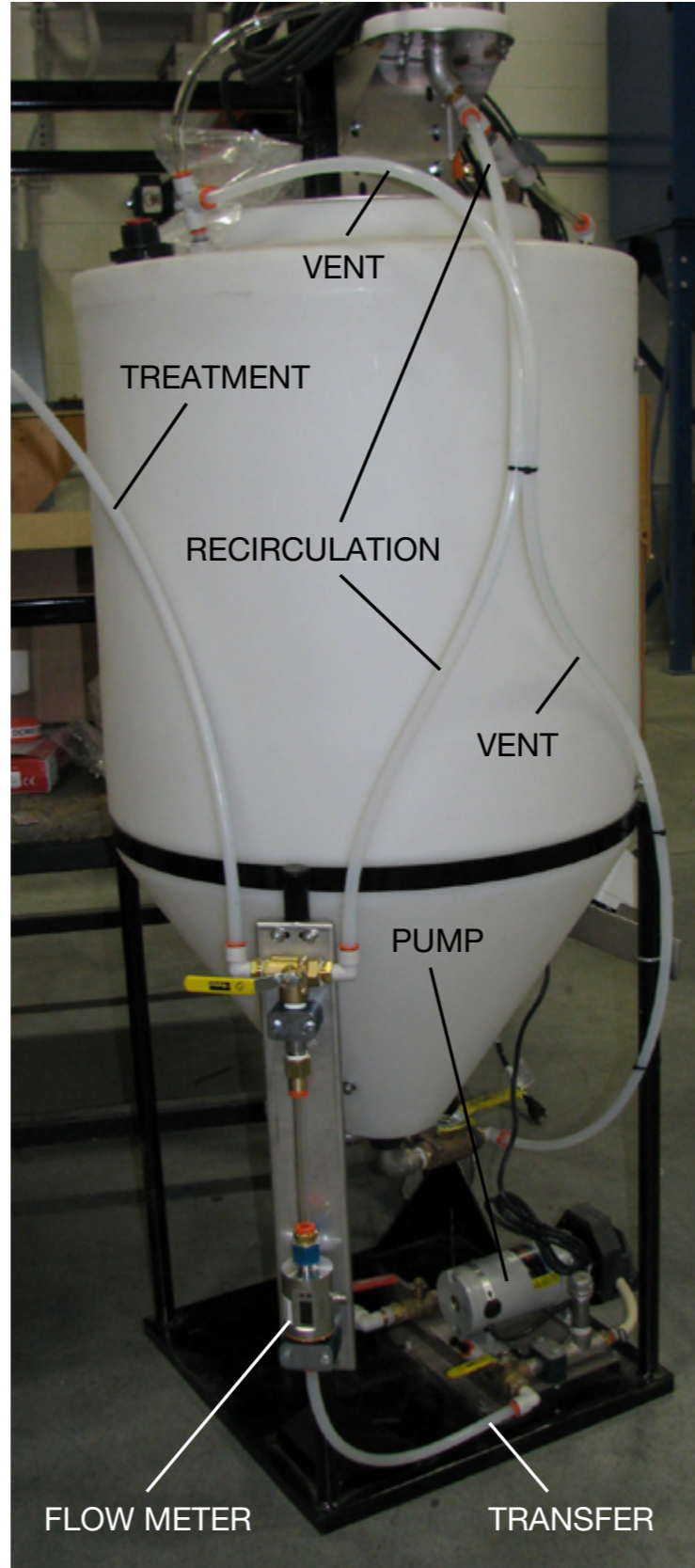
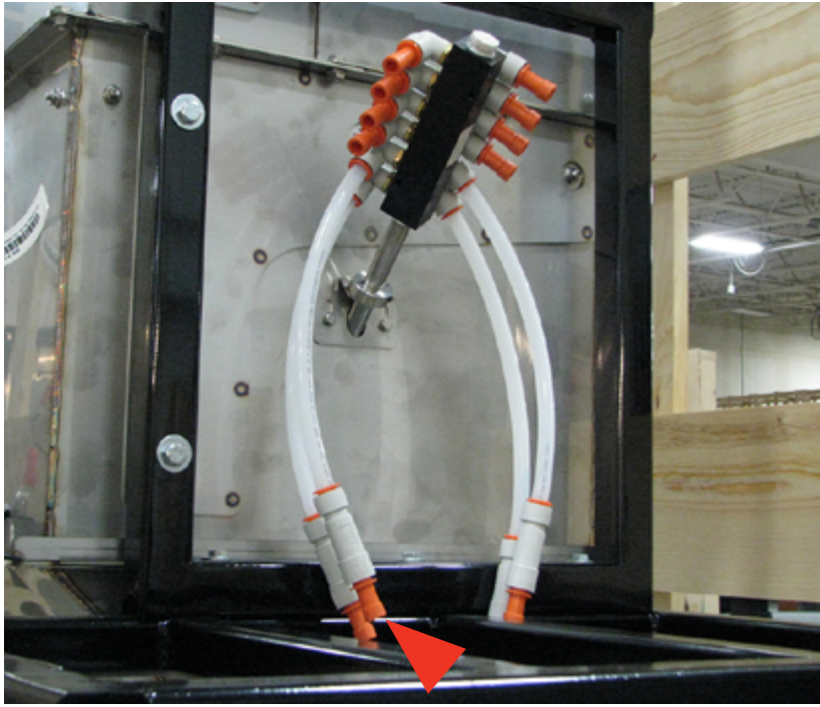
- Cut to fit and connect the other end of the Transfer Tube to the 1/2" Press-lock Fitting underneath the Flow Meter, as shown.



Step 8: Connect one end of the 1/2" Treatment Tube to the 1/2" Press-lock Fitting on the Flow Meter Assembly (left side).

Continued ➡





Example of Tank connections

Step 9: Remove a plug and insert the other end of the 1/2" Tubing into the Treater Chemical Inlet Assembly Press Lock Fitting.

This completes the Flow Meter Kit Installation.





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100 OZ. CALIBRATION PKG.20211018

