

# Models 1054 and 1354 Series Contact Tank



The CWS Series Contact Tanks includes an internal baffling system that allows uniform mixing and improved contact time creating a .3 minimum baffle factor, as set by many health agencies.

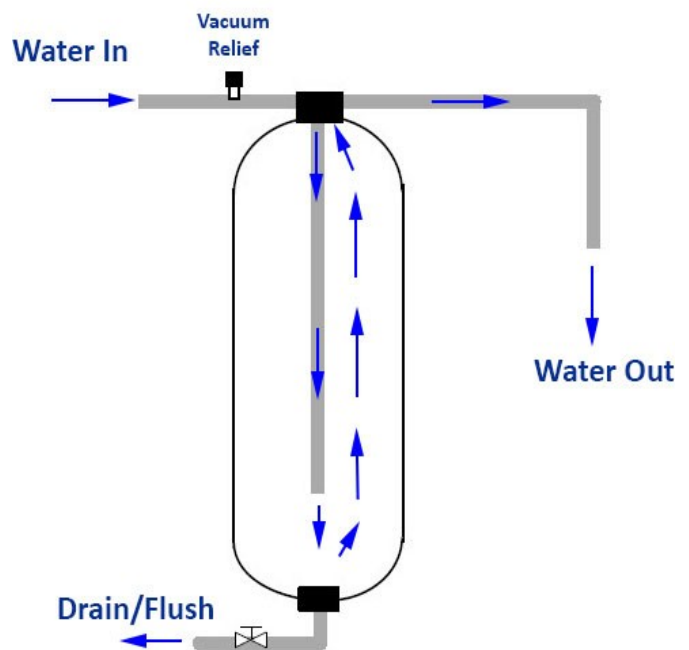
The distribution system in our tank provides for water to enter the top of the tank, distribute at the bottom of the tank, and exit at the top of the tank, providing maximum contact time.

NOTE: (Do not use thread tape on any fittings going into the plastic contact tank head or bottom adaptor. This will cause the head to crack and leak. Use thread sealant only and do not overtighten).

1. For chlorine/peroxide/soda ash mixing contact tanks: connect the inlet piping to the OUT port on the top fitting of contact tank. Water should flow into the tank through the center tube.
2. Connect the outlet piping to the IN port on the top fitting of the contact tank.
3. Install a vacuum relief valve to a tee on the inlet pipe to the contact tank.
4. Install a PVC or other ball valve on the bottom of the tank to be able to drain down the tank periodically.
5. Every few months or as needed, open the valve at the bottom and flush the tank under pressure to flush out any accumulated sediment.



## Contact Retention Tank Flow Diagram



How it Works: Water flows in top of contact tank, down center distributor tube and up to top where it flows through outlet.

Drain valve at bottom allows for tank to be periodically flushed or drained down.

Vacuum relief valve on top prevents a vacuum from accidentally created on the tank, which can damage tank.

**NOTE: Do not attach rigid copper or steel pipe to tank without using flexible connectors. Use flex lines on the IN and OUT if using rigid copper or steel piping. Contact tank may expand and contract during changes in line pressure, causing damage to tank if installed using rigid piping with no ability to flex slightly. We have flex lines if you need to order some.**

**More information Call 831-462-8500, or email us: [support@cleanwaterstore.com](mailto:support@cleanwaterstore.com)**