

Models 1665, 2162, 2472 Series Contact Tank



The CWS Series Contact Tanks includes an internal baffling system that allows uniform mixing and improved contact time to meet 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.

Operating Conditions

Maximum operating pressure: 10 bar (125 psi)

Operating temperature range 1 - 50°C (34 - 120°F)

Material of Construction

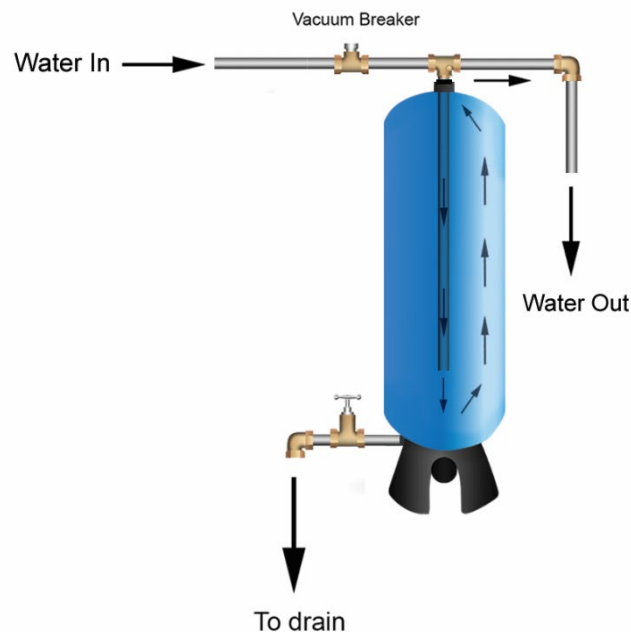
All materials of construction in contact with water are food grade materials.

Inner shell (liner): polyethylene (PE)

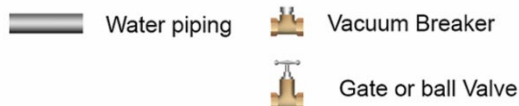
Outer shell: Premium fiberglass embedded in epoxy resin

Inlet inserts are made of injection molded glass reinforced thermal plastic.

CONTACT RETENTION TANK FLOW DIAGRAM



Key



Piping Guide

1. Attach in-out head to top of tank. Do not use thread tape, sealant, or lubricant on adaptor fittings going into the Top or Bottom of the tank, as it uses an o-ring seal. Lubricate o-ring with silicone lube only.
2. For chlorine/peroxide/soda ash mixing contact tanks: connect the inlet piping to the inlet port that feeds the center tube going into the tank. Use Teflon tape on the pipe fittings and/or Teflon pipe joint compound.
3. Connect the outlet piping to the outlet port on the top fitting of the contact tank using flexible lines. Do not hard pipe.
4. Install a vacuum relief valve to a tee on the inlet pipe to the contact tank.
5. Install a PVC or other ball valve on the bottom of the tank to be able to drain down the tank periodically.
6. Every few months or as needed, open the valve at the bottom and flush the tank under pressure to flush out any accumulated sediment



Model	Height	Width	Pipe Size	Distributor Tube Size
CWS-1665	75.5"	17"	1-1/2"	1-1/2"
CWS-2162	77 "	22.5"	2"	1-1/2"
CWS-2472	87.5"	26"	2"	1-1/2"