

Mixes water like nobody's business!

Flexcon's new, MIXMASTER baffle tank is one of the most effective High Mixing Disinfection Systems currently available. It ensures uniform mixing and sufficient residence time to meet the CT (contact time) standard set by most health agencies in the United States. This remains true even when water is flowing continuously.

When it comes to mixing water, MIXMASTER always gets rave reviews!



Water exits top of tank through stainless steel reinforced water connection.

.6 baffle factor* means fewer tanks to maintain 4 log treatment and 20 minute contact time.

Innovative baffle design ensures uniform mixing and exceeds health agency contact time standards. Turbulent water exits diffuser cap at top of standpipe beginning the first stage of mixing process.

High-strength steel clench ring joins upper and lower water chambers.

Holes in lower water chamber allow partially mixed water to enter outer chamber.

Bottom T allows for purging of sediment.



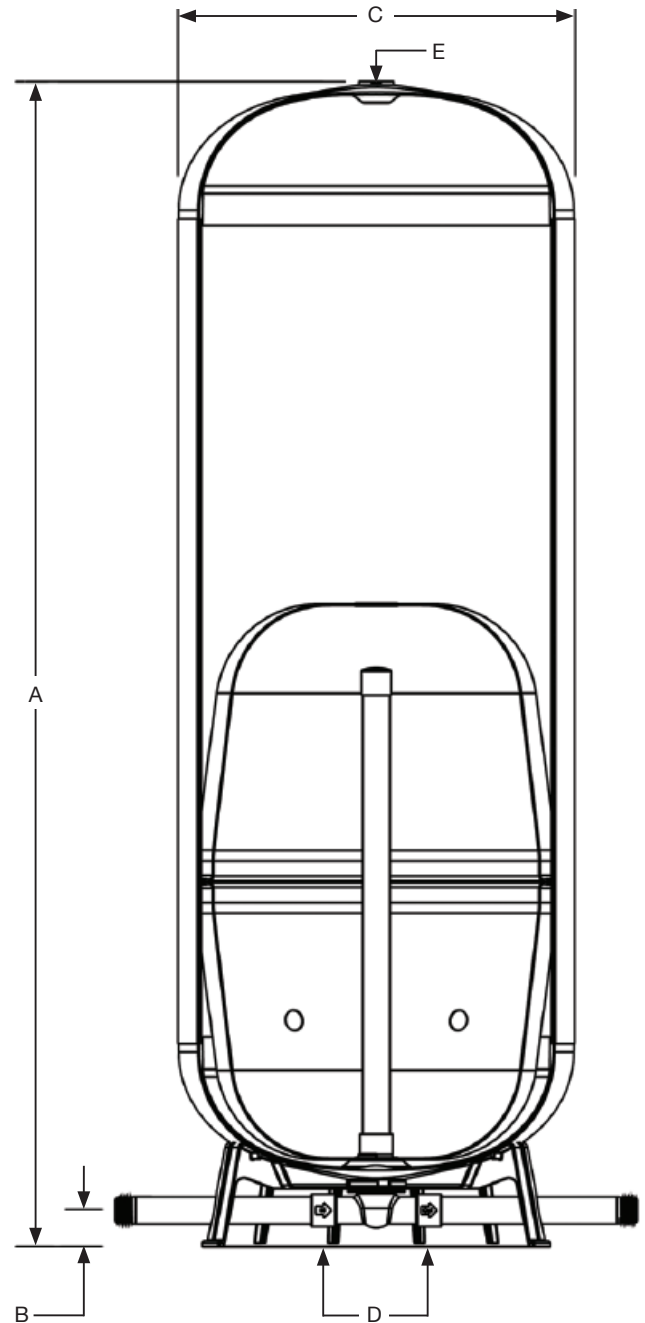
MIXMASTER

BAFFLE

Utility Tank

MATERIALS OF CONSTRUCTION

- **Top and bottom domes:** Injection molded copolymer polypropylene
- **Shell:** Extruded copolymer polypropylene
- **Outer shell:** High strength, fiberglass-wound, epoxy resin coated
- **Base:** Injection molded, high-impact ABS
- **Connection:** Rigid schedule 80 PVC
- **Top port fitting:** Stainless steel reinforced, glass filled polypropylene insert molded into the top dome
- **Inner baffle:** Copolymer polypropylene
- **Inner standpipe:** Schedule 40 PVC with diffuser cap
- **Testing:** High pressure, submersed leak test
- **Warranty:** 5 year limited



COMPOSITE BAF TANK DIMENSIONS

Model	Total Tank Volume		A Height		B Floor to CL		C Diameter		D (EZ) Threaded connection	E FPT	Total Weight	
	gal	liters	in	cm	in	cm	in	cm			lbs	kg
BAF 40	40	151	53.4	135.6	1.75	4.4	16.0	41.8	1 1/4" npt	1 1/4"	31.0	14.1
BAF 80	90	341	57.0	145.0	2.25	5.7	24.0	61.4	1 1/4" npt	1 1/4"	73.0	33.0
BAF 120	119	450	72.1	183.1	2.25	5.7	24.0	61.4	1 1/4" npt	1 1/4"	83.5	38.0

Maximum working pressure 100 psig. Maximum working temperature, internal & external 120° F.

