

ASME CONTINUOUS FLOW EXPANSION TANK FOR POTABLE WATER

– Replaceable bladder

Calefactio FTTE-C type tanks are ASME replaceable bladder type precharged tanks equipped with an ExpanVIEW tank integrity indicator.

The FTTE-C is designed as a multifunctional bladder tank for controlling system pressures in thermal expansion, hydronic expansion, and hydro-pneumatic applications. The FTTE-C design incorporates a unique flow-through design that promotes fluid mixing.

Mixing of the fluid inside the bladder tank disrupts stagnant water, preventing growth of potentially harmful bacteria colonies.

The water is contained in a heavy-duty butyl bladder, preventing tank corrosion and waterlogging.



ExpanVIEW tank integrity indicator included as a standard feature.

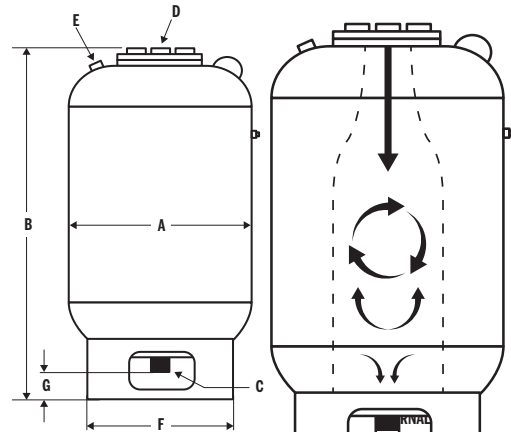
CONSTRUCTION

- Shell: Carbon steel
- Heads: Carbon steel
- System Connections: Stainless steel
- Bladder: Heavy-duty butyl (NSF Approved)

PERFORMANCE LIMITATIONS

- Maximum Design Temperature: 240 °F
- Maximum Design Pressure: 150 psig*

Tanks are factory air precharged at 40 psi and field adjustable.



FTTE-85-C THRU FTTE-800L-C

*200 and 250 psig available.

Model	Volume		Dimensions				Connections				Charg. valve	F		G		Weight	
			A		B		C		D								
	gal	L	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb
FTTE-85-C	23	87	16	406	37	940	1	25	1	25	0.302" - 32 NC	12	305	5 1/4	133	90	41
FTTE-130-C	35	132	20	508	37	940	1	25	1	25		16	406	5 1/4	133	132	60
FTTE-200-C	53	201	24	610	43	1092	1 1/2	38	1 1/2	38		20	508	5 1/4	133	220	100
FTTE-300-C	79	299	24	610	55	1397	1 1/2	38	1 1/2	38		20	508	5 1/4	133	236	107
FTTE-400-C	106	401	30	762	49	1245	1 1/2	38	1 1/2	38		24	610	5 1/4	133	315	143
FTTE-500-C	132	500	30	762	57	1448	2	51	2	51		24	610	4 3/4	121	347	157
FTTE-600-C	158	598	30	762	65	1651	2	51	2	51		24	610	4 3/4	121	378	171
FTTE-800L-C	211	799	32	813	76	1930	2	51	2	51		28	711	4 3/4	121	503	228

QUANTITY: _____ **MODEL:** FTTE _____ **-C** **OPTION:** Seismic brackets – Suffix “VB” (Fits all models)

Notes: _____
 Project: _____ Representative: _____
 Location: _____ Date submitted: _____
 Engineer: _____ Approved by: _____
 Contractor: _____ Date of approval: _____

TYPICAL SPECIFICATION: Furnish and install, as shown on plans, a _____ gallons/liters _____ in/mm diameter x _____ in/mm (high) air precharged steel tank. The tank is to incorporate a flow through design, eliminating water stagnation potential. The tank shall be equipped with a tank integrity indicator (ExpanVIEW), NPT stainless steel system connections, and a 0.302”-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and a floor mounting skirt for vertical installation. The tank must be constructed with most recent addendum of Section VIII of the ASME Boiler and Pressure Vessel Code and stamped for 150 psi. Each tank shall be Calefactio model number FTTE-_____-C or approved equal.