



## FLEXCON FTTA-SERIES THERMAL EXPANSION TANKS

**Description:** Flexcon FTTA-series tanks are ASME-rated fixed diaphragm type pre-charged thermal expansion tanks for potable water applications. They are designed to absorb the expansion forces and control the pressure in domestic water heating systems. The system's expanded water is contained in a heavy-duty diaphragm that prevents tank corrosion and waterlogging problems. All sizes can be installed vertically or horizontally. Products comply with NSF/ANSI Standard 61.

**Shell Construction:** Carbon Steel

**Bladder Construction:** Heavy Duty Butyl (FDA/NSF), Non-Replaceable

**System Connection Construction:** Carbon Steel

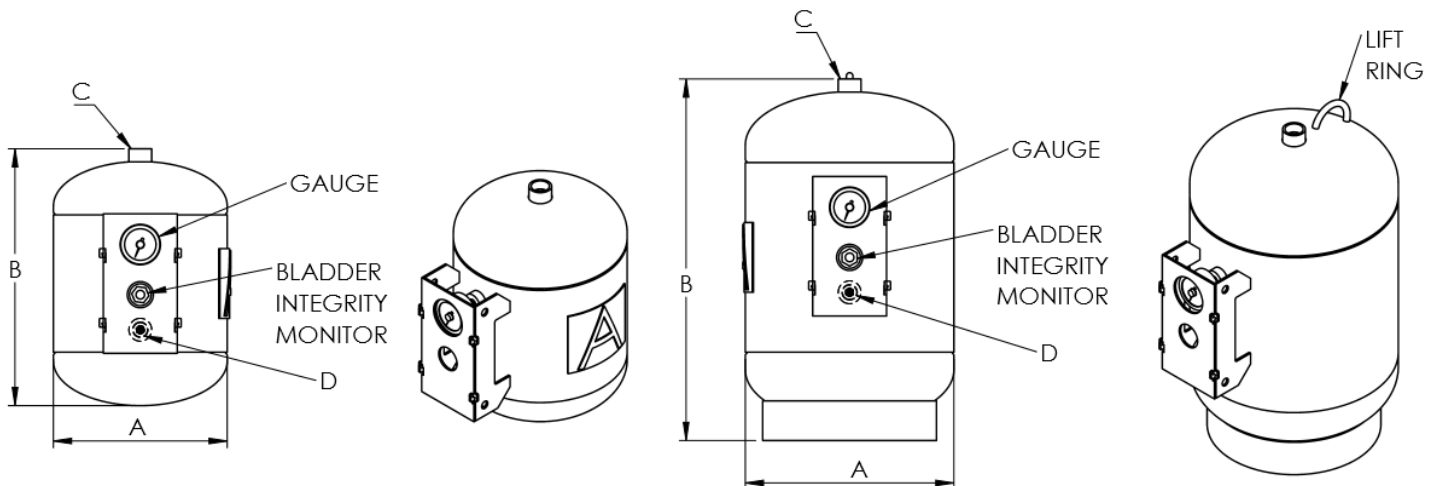
**Exterior:** Red Oxide Primer

**Maximum Design Temperature:** 240°F/116°C

**Maximum Design Pressure:** 150 PSIG\*

**Notes:** \*200 and 250 PSIG available on request

Model	Tank Volume (L)	Acceptance Volume (L)	A (in)	B (in)	C (in)	D	E (in)	Wt. (lb)
FTTA-5	13.3	8.7	10	14	¾	.302"-32NC	N/A	22
FTTA-12	19	12.5	12	14	¾	.302"-32NC	N/A	28
FTTA-20	30.3	20.1	12	20	¾	.302"-32NC	10	34
FTTA-30	57	37.9	16	24	1	.302"-32NC	14	50
FTTA-42	83	55.0	16	31	1	.302"-32NC	14	57
FTTA-60	98	66.2	16	34	1	.302"-32NC	14	62
FTTA-80	132	89.0	16	45	1	.302"-32NC	14	80
FTTA-100	171	113.6	20	39	1	.302"-32NC	18	110
FTTA-125	227	151.4	20	50	1	.302"-32NC	18	134
FTTA-160	265	178.0	24	47	1 ½	.302"-32NC	22	177
FTTA-180	303	200.6	24	50	1 ½	.302"-32NC	22	184
FTTA-210	341	227.1	24	53	1 ½	.302"-32NC	22	193



*Figure 1: FTTA-5/FTTA-12 Schematic (Left), FTTA-25 to FTTA-210 Schematic (Right)*

**Notes:** Tanks are factory pre-charged at 40 psi and are field-adjustable. Lift rings on models FTTA-25 to FTTA-210.