



SINCE 1908  
**wessels**  
 company

SUBMITTAL

**TXA-FF-SERIES**

THERMAL EXPANSION TANKS

Models: TXA-85-FF thru TXA-800L-FF

Submittal Sheet No. B-1007C

Date: 9/18

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

**Description**

Wessels type TXA-FF tanks are ASME removable bladder type pre-charged thermal expansion tanks for commercial and industrial potable hot water applications. The TXA-FF is designed as a multifunctional bladder tank for controlling system pressures in Thermal Expansion, Hydronic Expansion, and Hydro-Pneumatic applications. The TXA-FF 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.

**Construction**

Shell: Carbon Steel  
 Heads: Carbon Steel  
 System Connections: Stainless Steel  
 Bladder: Heavy-duty Butyl  
 Products comply with NSF/ANSI Standard 61

**Performance Limitations**

Maximum Design Temperature: 240°F  
 Maximum Design Pressure: 150 PSIG\*

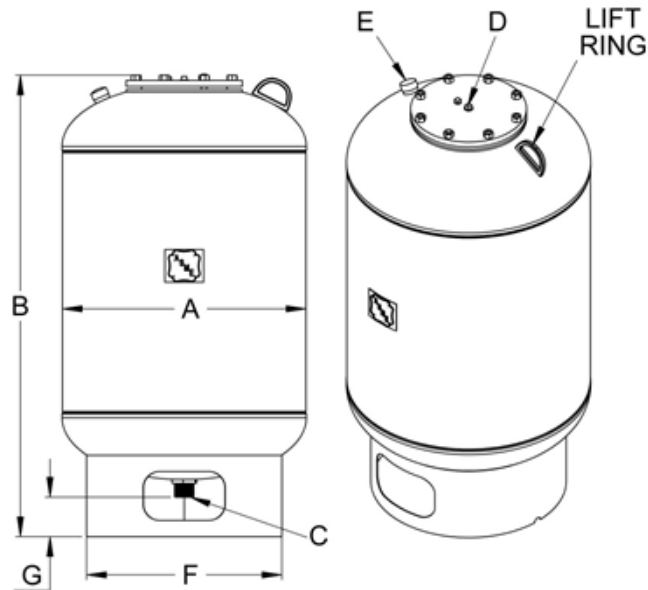
\*200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
TXA-85-FF	20110085	23		
TXA-130-FF	20110130	35		
TXA-200-FF	20110200	53		
TXA-300-FF	20110300	79		
TXA-400-FF	20110400	106		
TXA-500-FF	20110500	132		
TXA-600-FF	20110600	158		
TXA-800L-FF	20110805	211		

**Typical Specification**

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel \_\_\_\_\_ tank. The tank is to incorporate a flow through design, eliminating water stagnation potential. The tank shall be equipped with 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 Wessels model number TXA- \_\_\_\_\_-FF or approved equal.



TXA-85-FF thru TXA-800L-FF

### Dimensions & Weights

Model Number	Dimensions in Inches						Approx. Ship Wt. (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
TXA-85-FF	16	37	1	1	0.302" - 32NC	12	5 1/4	90
TXA-130-FF	20					16		132
TXA-200-FF	24	43	1 1/2	1 1/2		20		220
TXA-300-FF		55				236		
TXA-400-FF	30	49	2	2		24	4 3/4	315
TXA-500-FF		57						347
TXA-600-FF		65						378
TXA-800L-FF	32	76			28		503	

#### Notes:

- Tanks are factory pre-charged at 40 psi and field adjustable.
- Available with WessGuard® Tank Monitoring System (EMS Compatible), or WessView Tank Integrity Indicator.
- Available with Mounting Clips.