

SINCE 1908  
**wessels**  
 company

SUBMITTAL

**TXA-FF-SERIES**

DOMESTIC HOT WATER  
 EXPANSION TANKS

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

Submittal Sheet No. B-1007C Rev. 2 6/17/2020

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

**Description:**

Wessels patented type TXA-FF tanks are ASME full acceptance replaceable bladder type pre-charged domestic hot water expansion tanks. They are designed to be installed between a backflow preventer and a hot water heater so it can accept the expanded volume of hot water. The water is contained in a butyl bladder. 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. Products comply with NSF/ANSI Standard 61.

**Construction:**

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

**Design Parameters:**

Maximum Design Pressure: 150 PSIG\*  
 Temperature Range: -20°F to 240°F

\*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**

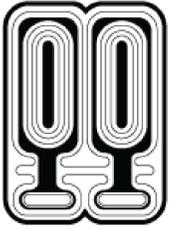
Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel domestic hot water expansion tank with replaceable FDA approved butyl bladder. The tank is to incorporate a flow through design, eliminating water stagnation potential. The tank shall have a bottom NPT stainless steel system connection, a 0.302"-32 charging valve connection (standard fire valve) to facilitate the on-site charging of the tank to meet system requirements, a pressure gauge, and bladder integrity monitor. The tank shall be fitted with lifting rings and a floor mounting skirt for vertical installation. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code and stamped 150 psi working pressure. Products comply with NSF/ANSI Standard 61.

Each tank shall be Wessels model number TXA-\_\_\_\_\_-FF or approved equal.



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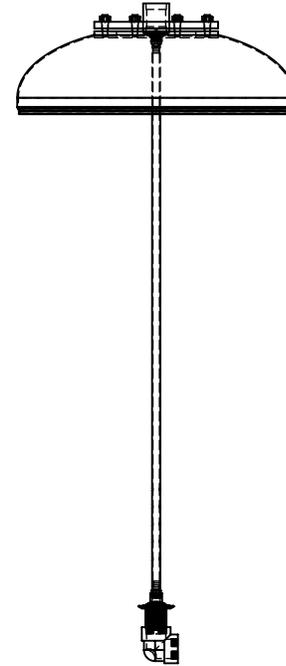
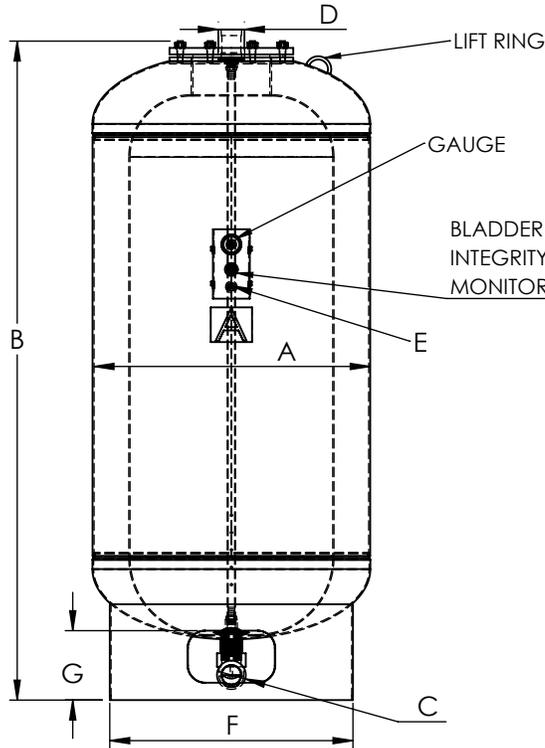
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Full Flow Internal

### Dimensions & Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
TXA-85-FF	16	37	1 NPT	1 NPT	0.302" - 32NC	12	5 1/2	90
TXA-130-FF	20					16		125
TXA-200-FF	24	43	1 1/2 NPT	1 1/2 NPT		20	5 1/4	210
TXA-300-FF		55				225		
TXA-400-FF	30	49	2 NPT	2 NPT		24		300
TXA-500-FF		57						335
TXA-600-FF	65	360						
TXA-800L-FF	32	76	28	475				

### Notes:

- Tanks are factory pre-charged at 40 psig and field adjustable.
- California code-sight glass is available upon request.
- Available with WessGuard® Tank Monitoring System (EMS Compatible), or WessView Tank Integrity Indicator.
- Both top and bottom connections (C and D) access the bladder.
- Bottom connection C is intended to be used for main water supply connection. Top connection D can be used for auxiliary gauge, pressure switch, etc.
- Mounting clips are available upon request.
- U.S. Patent No. 8,633,825 B2.



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