

SINCE 1908  
**wessels**  
 company

SUBMITTAL

**FXT-SERIES**

WATER WELL & PRESSURE BOOSTER  
 EXPANSION TANKS

Models: FXT-400 to FXT-480

Submittal Sheet No. C-1002C Rev. 3 7/25/2019

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

**Description:**

Wessels patented type FXT tanks are ASME fixed diaphragm type pre-charged hydro-pneumatic tanks for commercial and industrial well and water systems, booster systems, or other potable water applications. They are designed to deliver water under pressure between pump cycles to provide sufficient flow to meet demands. The water is contained in a butyl bladder. All FXT hydro-pneumatic tanks can be installed vertically or horizontally. Products comply with NSF/ANSI Standard 61.

**Construction:**

Shell: Carbon Steel  
 Heads: Carbon Steel  
 Exterior: Carbocoat 140 - Harvester Red  
 Bladder: Heavy Duty Butyl  
 FDA Approved  
 ANSI/NSF 61 Listed  
 System Connection: Stainless Steel

**Design Parameters:**

Maximum Design Pressure: 200 PSIG\*  
 Temperature Range: -20°F to 240°F

\*250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
FXT-400	21011000	8		
FXT-401	21011200	15		
FXT-402	21011400	25		
FXT-403	21011600	35		
FXT-404	21012000	70		
FXT-405	21012500	90		
FXT-415	21013000	115		
FXT-440	21013001	140		
FXT-460	21014000	160		
FXT-480	21015000	210		

**Typical Specification**

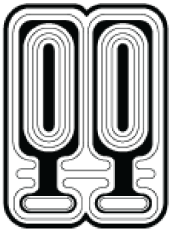
Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel hydro-pneumatic tank with a fixed heavy-duty butyl bladder. The tank shall be equipped with an NPT system connection and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code. Products comply with NSF/ANSI Standard 61.

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



SINCE 1908  
**wessels**  
 company

101 Tank Street Greenwood, IN 46143  
 P: 317-888-9800 F: 317-865-7411  
 www.westank.com



SINCE 1908  
**wessels**  
 company

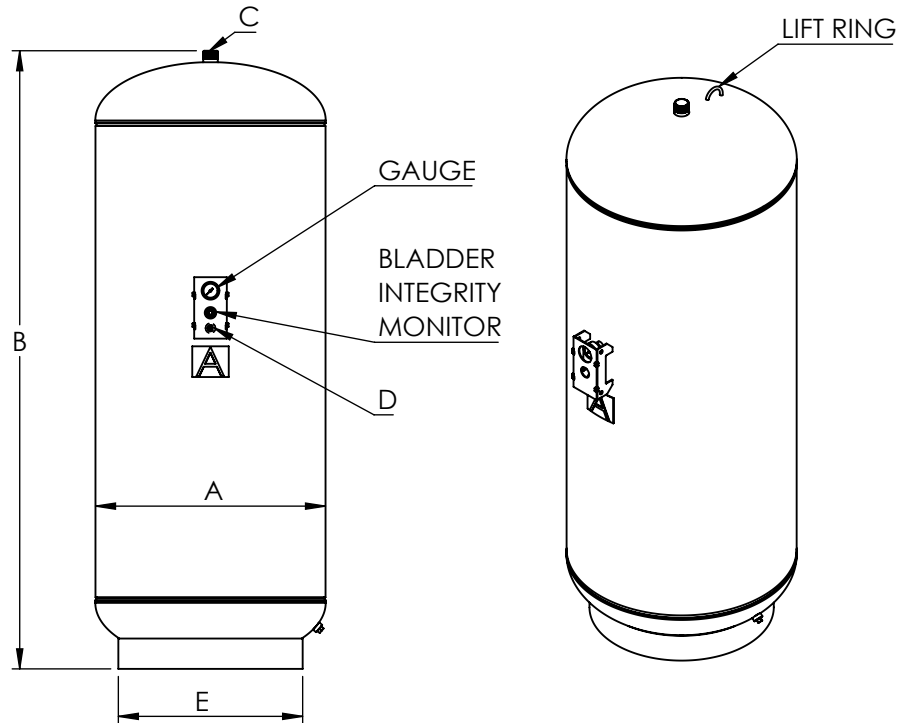
SUBMITTAL

**FXT-SERIES**

WATER WELL & PRESSURE BOOSTER  
 EXPANSION TANKS

Models: FXT-400 to FXT-480

Submittal Sheet No. C-1002C Rev. 3 7/25/2019



**Dimensions & Weights:**

Model Number	Dimensions in Inches					Approx. Weight (lbs)
	A	B	System Connection	Charging Valve	E	
			C	D		
FXT-400	12	20	3/4	0.302- 32NC	10	30
FXT-401	16	25	1		14	54
FXT-402		33				69
FXT-403		45				93
FXT-404	24	47	1 1/2		20	206
FXT-405		53				228
FXT-415		67				283
FXT-440		79				334
FXT-460	30	62	1 1/2		24	382
FXT-480		80				482

**Notes:**

- Tanks are factory pre-charged at 30 psig and field adjustable.
- California code-sight glass is available upon request.
- Lifting rings on models FXT-402 through FXT-480
- Mounting clips are available upon request.



SINCE 1908  
**wessels**  
 company

101 Tank Street Greenwood, IN 46143  
 P: 317-888-9800 F: 317-865-7411  
 www.westank.com