

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. 6 2/2/2021

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)	Acceptance Volume (Gallons)	Tagging Information	Quantity
FXT-400	21009999	8	6.3		
FXT-401	21010000	15	11.9		
FXT-402	21010005	25	19.8		
FXT-403	21010010	35	27.5		
FXT-404	21010015	70	55.5		
FXT-405	21010020	90	71		
FXT-415	21010025	115	91		
FXT-440	21010030	140	111		
FXT-460	21010032	160	127		
FXT-480	21010034	210	166		

Typical Specification

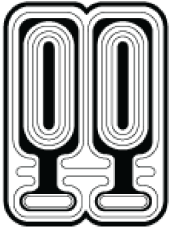
Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel hydro-pneumatic tank with a fixed heavy-duty butyl bladder. The tank shall be equipped with an NPT system connection and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the 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.



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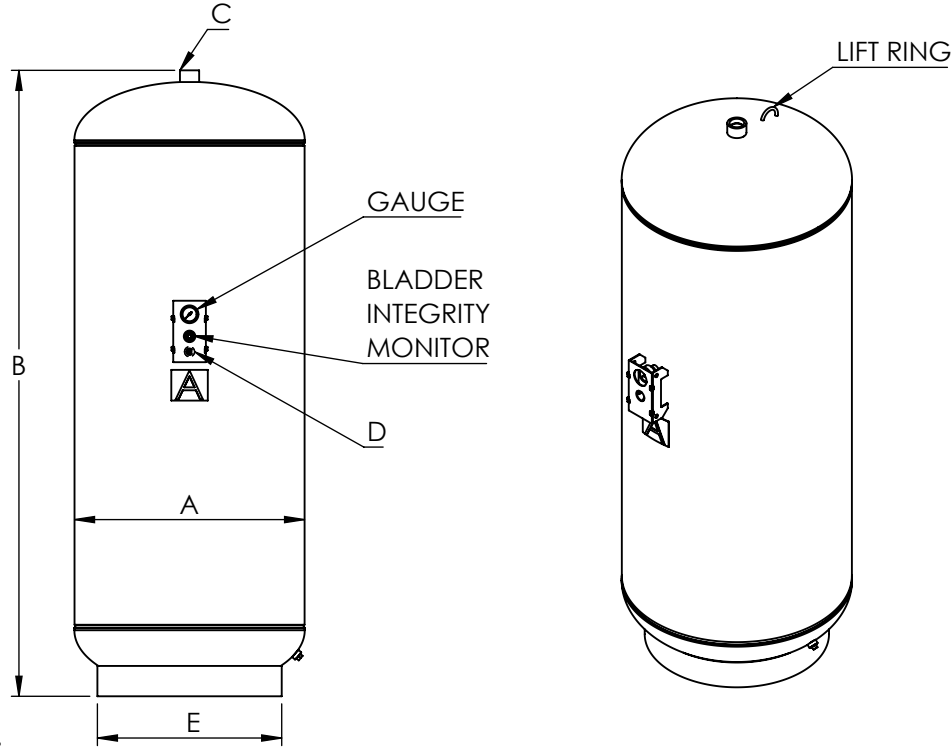
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Dimensions & Weights:

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	34
FXT-401	16	25			1	14
FXT-402		34	84			
FXT-403		45	97			
FXT-404	24	47	1 1/2		20	259
FXT-405		53				283
FXT-415		67 1/2				325
FXT-440		79 1/2				362
FXT-460	30	63	1 1/2		24	591
FXT-480		81 1/2				752

Notes:

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



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