

SINCE 1908
wessels
company

SUBMITTAL

FXA-FF-SERIES
FULL-FLOW WELL WATER & PRESSURE
BOOSTER EXPANSION TANKS

Models: FXA-1000-FF thru FXA-2000-FF

Submittal Sheet No. C-1013B Rev. 0 9/24/2026

Job Name _____
Location _____

Engineer _____
Contractor _____
Sales Rep. _____

Submitted By _____ Date _____
Approved By _____ Date _____
Order No. _____ Date _____
Notes _____

Description

Wessels patented type FXA-FF tanks are ASME replaceable bladder type pre-charged Full-Flow well water and pressure booster hydro-pneumatic expansion tanks. The FXA-FF is designed as a multifunctional bladder tank for controlling system pressures between pump cycles to provide sufficient flow to meet demands. The FXA-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
Exterior: Red Oxide Primer
Bladder: Heavy-duty Butyl (FDA Approved)
System Connection: Stainless Steel

Design Parameters:

Standard Pressure: 125 PSIG*
Temperature Range: -20°F to 240°F**

*150, 200 & 250 PSIG Available

** 280°F High-Temp Bladder Available



Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
FXA-1000-FF	21211000	264		
FXA-1200-FF	21211200	317		
FXA-1400-FF	21211400	370		
FXA-1600-FF	21211600	422		
FXA-2000-FF	21212000	528		

Typical Specification

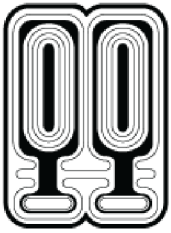
Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel hydro-pneumatic tank. The tank is to incorporate a flow through design, eliminating water stagnation potential. The tank shall be equipped with NPT stainless steel system connections, and a 0.302"-32 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 125 psi. Products comply with NSF/ANSI Standard 61.

Each tank shall be Wessels model number FXA- _____-FF or approved equal.



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101 Tank Street Greenwood, IN 46143
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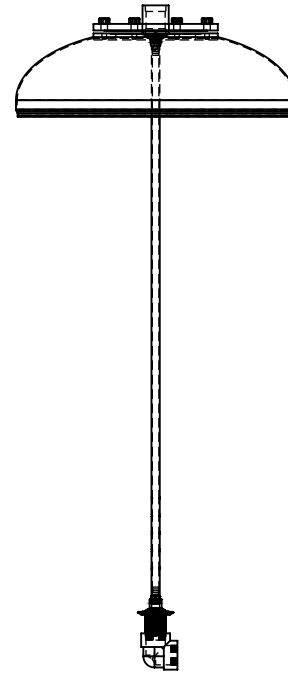
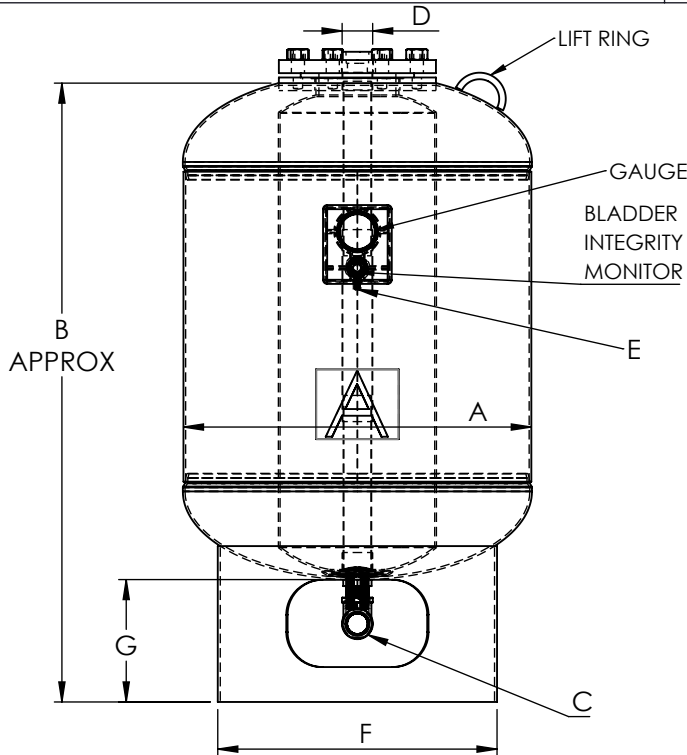
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Full-Flow Internal

Dimensions & Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
FXA-1000-FF	36	87	3	3	0.302"-32NC	30	9 1/8	735
FXA-1200-FF		98 1/2					8 7/8	745
FXA-1400-FF		110 1/2					8 7/8	900
FXA-1600-FF	48	84	3	3	0.302"-32NC	42	9 1/8	1210
FXA-2000-FF		96					9 1/8	1305

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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