

SINCE 1908
wessels
 company

SUBMITTAL

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

Models: FXA-85-FF thru FXA-800L-FF
 Submittal Sheet No. C-1013A 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 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: Carbocoat 140 - Harvester Red
 Bladder: Heavy-duty Butyl (FDA Approved)
 System Connection: Stainless Steel

Performance Limitations

Maximum Design Temperature: 240°F
 Maximum Design Pressure: 125 PSIG*

*150, 200 & 250 PSIG available



Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
FXA-85	21010085	23		
FXA-130	21010130	35		
FXA-200	21010200	53		
FXA-300	21010300	79		
FXA-400	21010400	106		
FXA-500	21010500	132		
FXA-600	21010600	158		
FXA-800L	21010805	211		

Typical Specification

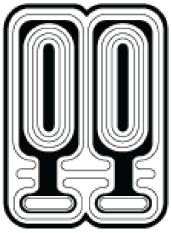
Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel hydro-pneumatic tank. The tank is to incorporate a flow through design, eliminating water stagnation potential. The tank shall be equipped with NPT stainless steel system connections, and a 0.302"-32 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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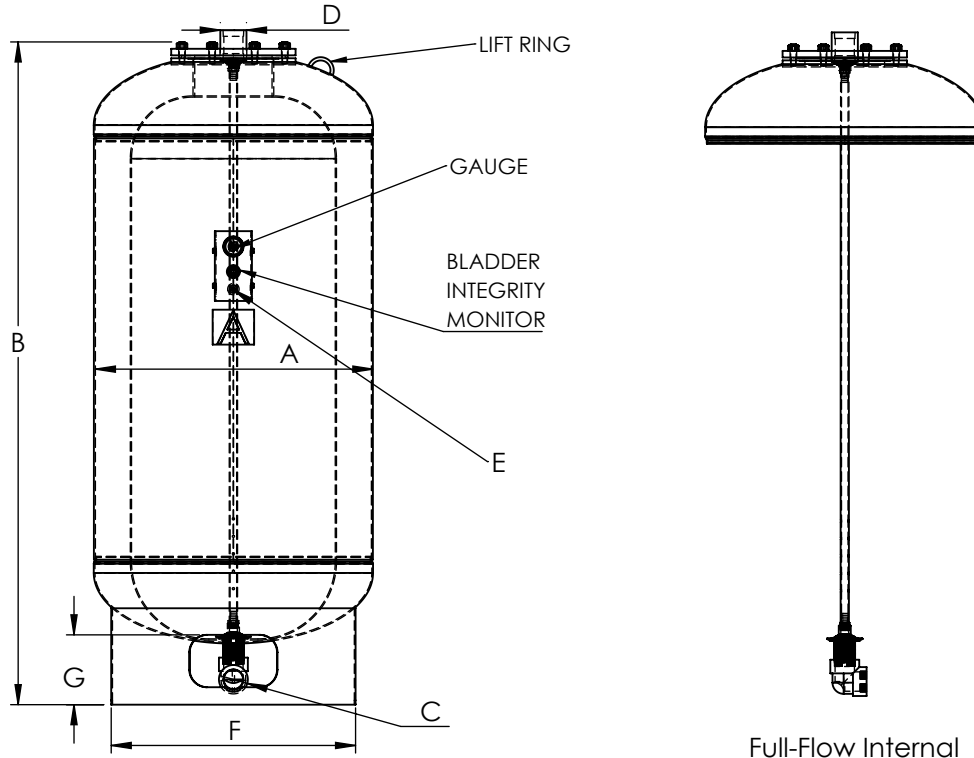
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Dimensions & Weights:

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