

## ASME REPLACEABLE BLADDER HYDROPNEUMATIC TANKS

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

### Description

AA tanks type FXA tanks are ASME replaceable bladder 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 FXA hydro-pneumatic tanks can be installed vertically or horizontally.

### Construction

Shell: Carbon Steel  
(Available in 304 / 316 Stainless Steel)  
Bladder: Heavy Duty Butyl  
(NSF Listed / FDA Approved Materials)  
System Connection: Epoxy lined

### Performance Limitations

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

\*150, 200 & 250 PSIG available



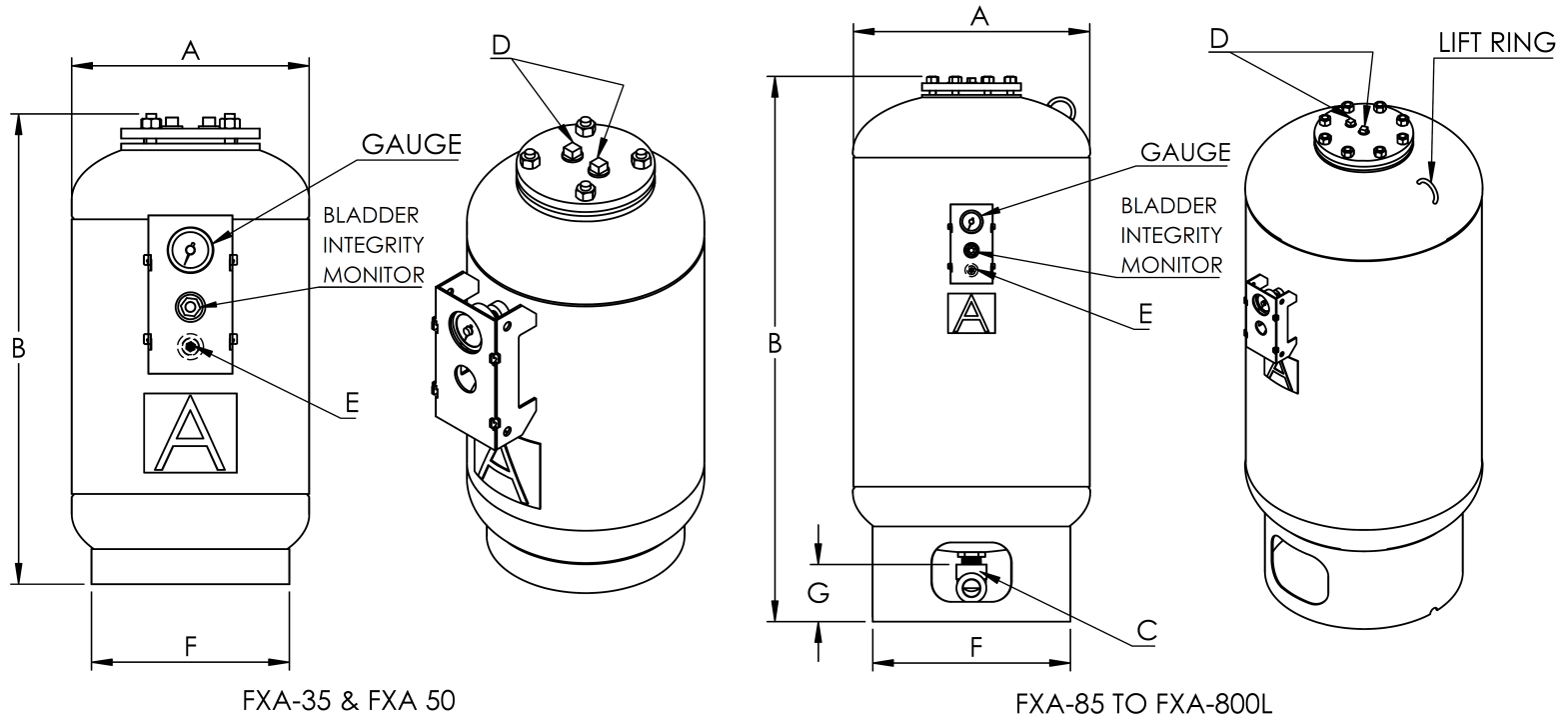
Listed  
Materials

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
FXA-35	21010035	10		
FXA-50	21010050	13		
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 with replaceable heavy-duty butyl bladder. The tank shall have NPT epoxy lined 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 must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

Each tank shall be AA tanks model number FXA-\_\_\_\_\_ or approved equal.



## Dimensions & Weights:

Model Number	Dimensions in Inches						Approx. Shipping Weight (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
FXA-35	12	23 1/2	-	3/4 NPT	0.302"-32NC	10	-	40
FXA-50	14	24						50
FXA-85	16	37	1 NPT			12	5 1/2	90
FXA-130	20					16		125
FXA-200	24	43	1 1/2 NPT			20	5 1/4	210
FXA-300		55						225
FXA-400	30	49	2 NPT			24		300
FXA-500		57						335
FXA-600		65						360
FXA-800L		76						28

## Notes

- Tanks are factory pre-charged at 30 psi and field adjustable.
- California code-sight glass is available upon request.
- On models FXA 85 thru FXA-800L 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.
- Available with mounting clips.
- Higher working pressures available upon request.