

# AA tanks

## SUBMITTAL

**TYPE:** FXT ASME PRESSURIZED  
HYDRO-PNEUMATIC TANKS  
**MODELS:** FXT 400 THRU FXT 480

Submittal Sheet No. FXT-001.2

Date: January, 2014

JOB \_\_\_\_\_

AA tanks Representative \_\_\_\_\_

Unit Tag No. \_\_\_\_\_

Order No \_\_\_\_\_ Date \_\_\_\_\_

Engineer \_\_\_\_\_

Submitted By \_\_\_\_\_ Date \_\_\_\_\_

Contractor \_\_\_\_\_

Approved By \_\_\_\_\_ Date \_\_\_\_\_

### DESCRIPTION

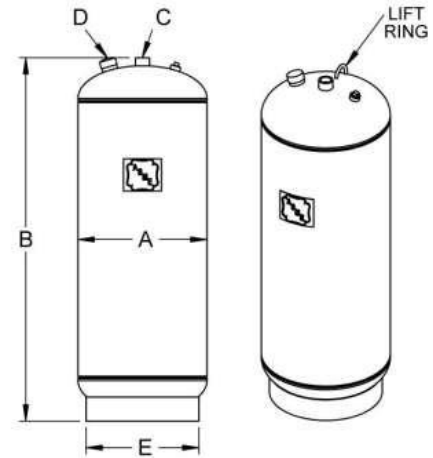
AA tanks Type FXT Tanks are ASME fixed diaphragm type pre-charged hydro-pneumatic tanks for commercial and industrial well and water systems, booster systems, or other potable water applications. They are designed to deliver water under pressure between pump cycles to provide sufficient flow to meet demands. The water is contained in a butyl diaphragm. All FXT tanks can be installed vertically or horizontally.

### CONSTRUCTION

Shell: Carbon Steel  
System Connection: Epoxy Lined  
Diaphragm: Heavy Duty Butyl  
(NSF Certified / FDA Approved Materials)

### PERFORMANCE LIMITATIONS

Maximum Design Pressure: 200 PSIG  
(250 PSI available)  
Maximum Design Temperature: 240°F



### NOTE:

- Tanks are factory pre-charged to 30 PSI and field adjustable.
- Lift ring on models FXT 402 through FXT 480.
- Available with mounting clips.

### DIMENSIONS & WEIGHTS

Model Number	Tank Volume Gallons	Acceptance Volume Gallons	Dimensions in Inches					Approx. Shipping Weight (lbs)	
			Diameter	OAH	System Connection	Charging Valve	E		
			A	B	C	D			
FXT 400	8	6.3	12"	20"	3/4"	0.302" -32NC	10"	34	
FXT 401	15	11.9	16"	25"	1"		20"	14"	64
FXT 402	25	19.8		33"					84
FXT 403	35	27.5		45"					97
FXT 404	70	55.5	24"	47"	1 1/2"		20"	259	
FXT 405	90	71		53"				283	
FXT 415	115	91		67"				325	
FXT 440	140	111		79"				362	
FXT 460	160	127	30"	62"	24"		24"	591	
FXT 480	210	166		80"				752	

### TYPICAL SPECIFICATIONS

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel hydro-pneumatic tank with a fixed butyl rubber diaphragm. The tank shall be equipped with a 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.

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