



**SUBMITTAL**

**WR-SERIES**

**HYDRO-PNEUMATIC TANK**

Models: YÜ4F€€€ thru YÜí€0\$

Submittal Sheet No. \_\_\_\_\_

Date: 1/11

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

**Description**

Flexcon type WR 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 WR tanks can be installed vertically or horizontally.

**Construction**

Shell: Carbon Steel  
 Bladder: Heavy Duty Butyl (FDA Approved)  
 System Connection: Epoxy Lined

**Performance Limitations**

Maximum Design Temperature: 240°F  
 Maximum Design Pressure: 200 PSIG\*

\* 250 PSIG available

Model Number	Tank Volume (Gallons)	Acceptance Volume (Gallons)	Tagging Information	Quantity
WR 410-A	15	11.9		
WR 420-A	25	19.8		
WR 430-A	35	27.5		
WR 440-A	70	55.5		
WR 450-A	90	71		

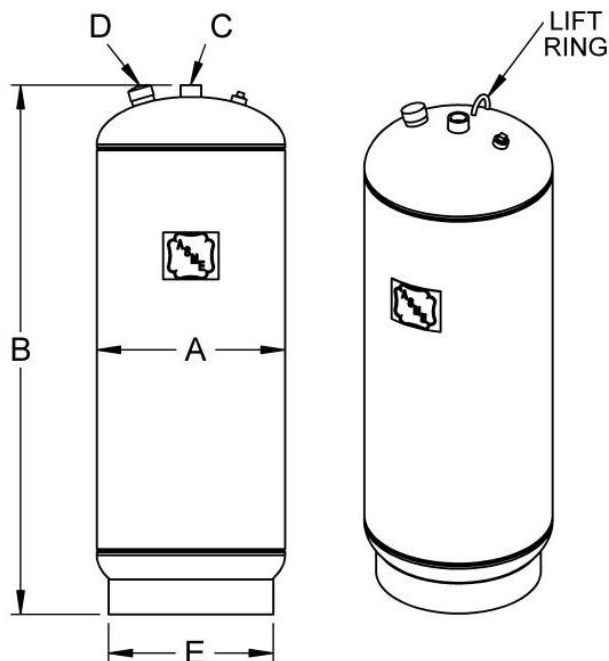


Listed  
Material

**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 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 Flexcon model number WR- \_\_\_\_\_ or approved equal.



WR-410-A thru WR-450-A

### Dimensions & Weights

Model Number	A	B	System Connection C	Charging Valve D	E	Approx. Ship Wt. (lbs)
WR 410-A	16	25	1	.302-32 NC	14	64
WR 420-A	16	33	1	.302-32 NC	14	84
WR 430-A	16	45	1	.302-32 NC	14	97
WR 440-A	24	47	1 ¼	.302-32 NC	20	259
WR 450-A	24	53	1 ¼	.302-32 NC	20	283

### Notes

- Tanks are factory pre-charged at 30 psi and field adjustable.
- Lifting rings on models FXT-402 through FXT-480.
- Available with mounting clips.
- Sight glass available.