



## Submittal Form

### ZHXT Series

#### Hydro-Pneumatic Tank with Fixed Diaphragm

9/25

Company Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Bill to: \_\_\_\_\_

Date: \_\_\_\_\_

Ship to: \_\_\_\_\_

Purchase Order No. \_\_\_\_\_

Notes \_\_\_\_\_

#### Description

Zilmet USA type ZHXT 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 diaphragm. All ZHXT tanks can be installed vertically or horizontally. Products comply with NSF/ANSI Standard 61.

#### Construction

Shell: Carbon Steel

Diaphragm: Heavy Duty Butyl (FDA Approved)

System Connection: Epoxy Lined

#### Performance Limitations

Maximum Design Temperature: 240°F

Maximum Design Pressure 200 PSIG\*

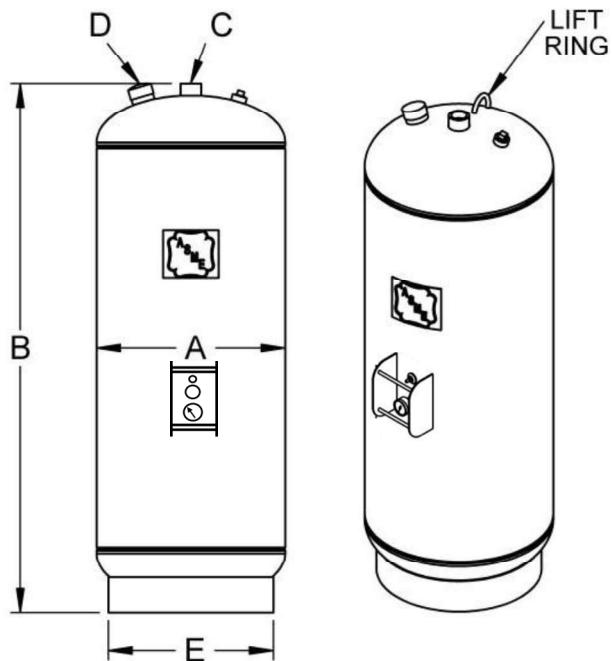
\*250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Acceptance Volume (Gallons)	Tagging Information	Quantity
ZHXT 400	21009999	8	6.3		
ZHXT 401	21010000	15	11.9		
ZHXT 402	21010005	25	19.8		
ZHXT 403	21010010	35	27.5		
ZHXT 404	21010015	70	55.5		
ZHXT 405	21010020	90	71.0		
ZHXT 415	21010025	115	91.0		
ZHXT 440	21010030	140	111.0		
ZHXT 460	21010032	160	127.0		
ZHXT 480	21010034	210	166.0		

#### 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 Zilmet USA model number ZHXT- \_\_\_\_\_ or approved equal.



ZHXT-400 thru ZHXT-480

Model Number	Dimensions in Inches					Approx. Ship Wt. (lbs)	
	A	B	System Connection	Charging Valve	E		
			C	D			
ZHXT 400	12	21	3/4	0.302-32 NC	10	34	
ZHXT 401		26			64		
ZHXT 402	16	34	1		14	84	
ZHXT 403		46			97		
ZHXT 404		47			259		
ZHXT 405	24	53			283		
ZHXT 415		67	20		325		
ZHXT 440		79			362		
ZHXT 460	30	62	24		591		
ZHXT 480		80			752		

### Notes

- Tanks are factory pre-charged at 40 psi and field adjustable.
- California code-sight glass is standard.
- Pressure gauge and side mounted air stem are standard.
- Available with seismic restraint mounting clips.
- 304 and 316 Stainless steel ASME tanks available upon request.
- Lifting rings on models ZHXT-402 through ZHXT-480.