



Submittal Form

ZHXA Series

Hydro-Pneumatic Tank with Replaceable Bladder

Date: 03/2022

Company Name: _____

Contact: _____

Bill to: _____

Date: _____

Ship to: _____

Purchase Order No. _____

Notes _____

Description

Zilmet USA type ZHXA 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 ZHXA hydro-pneumatic tanks can be installed vertically or horizontally. Products comply with NSF/ANSI Standard 61.

Construction

Shell: Carbon Steel

Bladder: Heavy Duty Butyl (FDA Approved), Full Acceptance

System Connection: Epoxy lined

Performance Limitations

Maximum Design Temperature: 240°F

Maximum Design Pressure: 125 PSIG*

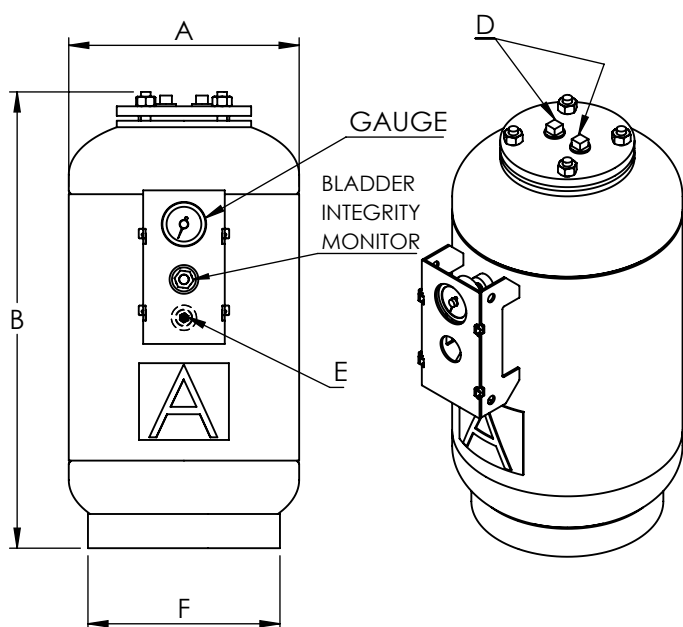
*150, 200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
ZHXA-35	21010035	10		
ZHXA-50	21010050	13		
ZHXA-85	21010085	23		
ZHXA-130	21010130	35		
ZHXA-200	21010200	53		
ZHXA-300	21010300	79		
ZHXA-400	21010400	106		
ZHXA-500	21010500	132		
ZHXA-600	21010600	158		
ZHXA-800L	21010805	211		

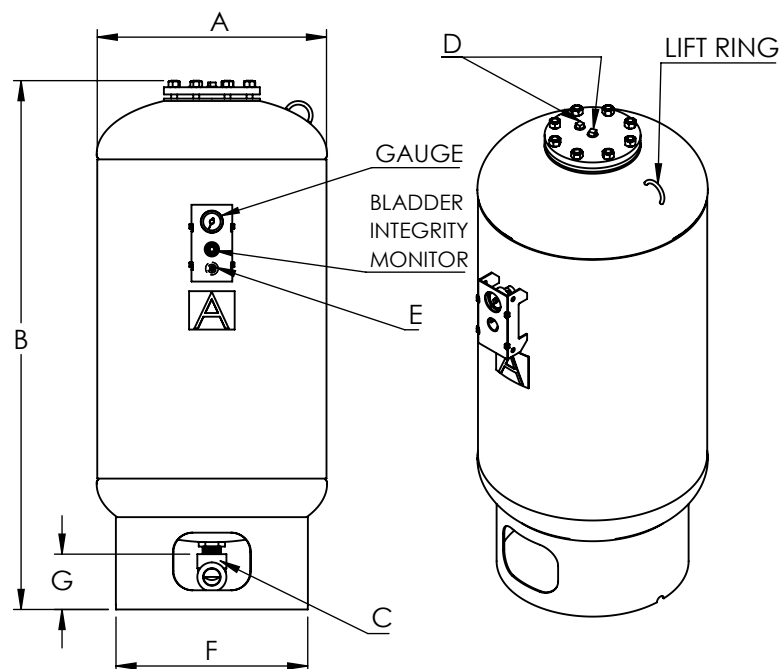
Typical Specification

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 Zilmet USA model number ZHXA- _____ or approved equal.



ZHXA-35 & ZHXA-50



ZHXA-85 thru ZHXA-800L

Model Number	Dimensions in Inches							Approx. Ship Wt. (lbs)
	A	B	System Connection		Charging Valve	F	G	
			C	D	E			
ZHXA-35	12	23 1/2	-	3/4 NPT	0.302 -32NC	10	-	40
ZHXA-50	14	24						50
ZHXA-85	16	37	1			12	5-1/2	90
ZHXA-130	20					16		125
ZHXA-200	24	43	1 1/2			20	5-1/4	210
ZHXA-300		55						225
ZHXA-400	49	300						
ZHXA-500	30	57	2			24		330
ZHXA-600		65						360
ZHXA-800L	32	76						28

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.
- 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 seismic restraint mounting clips.
- 304 and 316 Stainless steel ASME tanks available upon request.



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Date: 03/2022

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Contact: _____

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Date: _____

Purchase Order No. _____

Ship to: _____

Notes _____

Description

Zilmet USA type ZHXA-700 tank is an ASME replaceable bladder type pre-charged hydro-pneumatic tank for commercial and industrial well and water systems, booster systems, or other potable water applications. This is 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 ZHXA hydro-pneumatic tanks can be installed vertically or horizontally. Products comply with NSF/ANSI Standard 61.

Construction

Shell: Carbon Steel

Bladder: Heavy Duty Butyl (FDA Approved), Full Acceptance

System Connection: Epoxy Lined

Performance Limitations

Maximum Design Temperature: 240°F

Maximum Design Pressure: 200 PSIG*

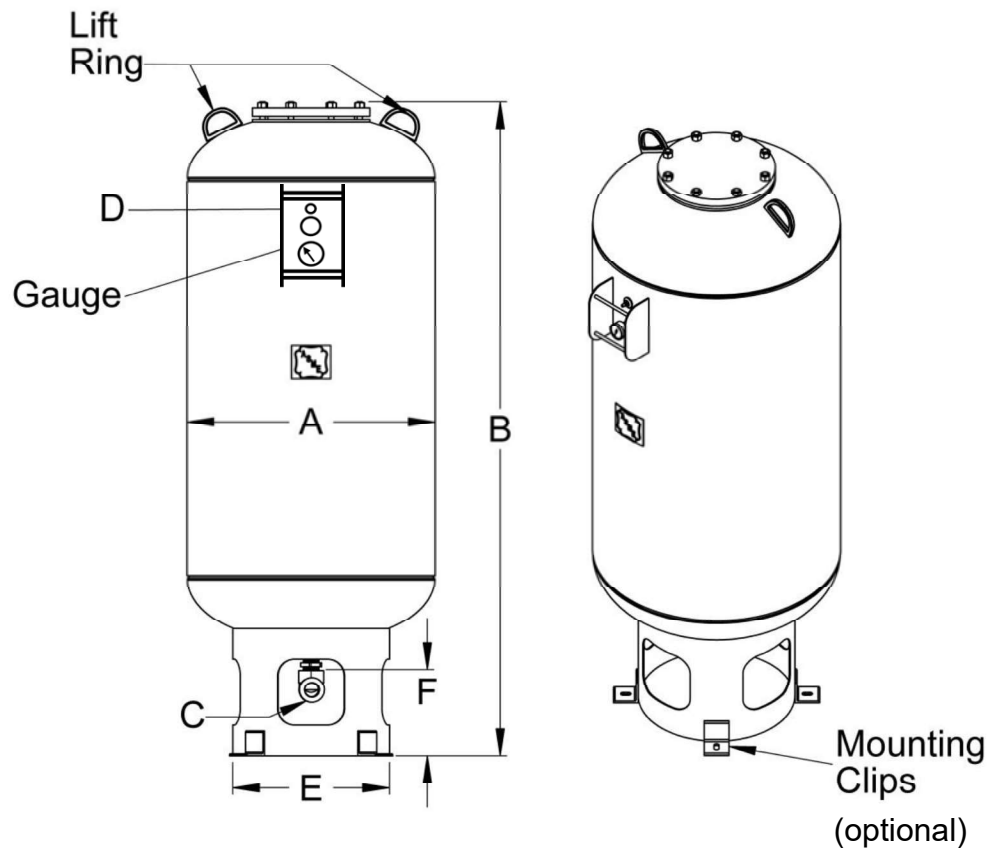
* 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
ZHXA 700	21040715	185		

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel hydro-pneumatic tank with heavy-duty butyl bladder. The tank shall have bottom NPT 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 have a 1/4" NPT connection for relief valve and air pressure gauge. The tank will have a lifting ring and a floor mounting skirt for vertical installation. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

The tank shall be Zilmet USA model number ZHXA-700 or approved equal.



ZHXA-700

Model Number	Dimensions in Inches						Pressure Gauge	Approx. Ship Wt. (lbs)
	A	B	System Connection	Charging Valve	E	F		
			C	D				
ZHXA 700	30	80	1 1/2	0.302-32 NC	19	13	1/4	600

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.



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Notes _____

Description

Zilmet USA type ZHXA 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 ZHXA hydro-pneumatic tanks can be installed vertically or horizontally. Products comply with NSF/ANSI Standard 61.

Construction

Shell: Carbon Steel

Bladder: Heavy Duty Butyl (FDA Approved), Full Acceptance

System Connection: Epoxy lined

Performance Limitations

Maximum Design Temperature: 240°F

Maximum Design Pressure: 125 PSIG*

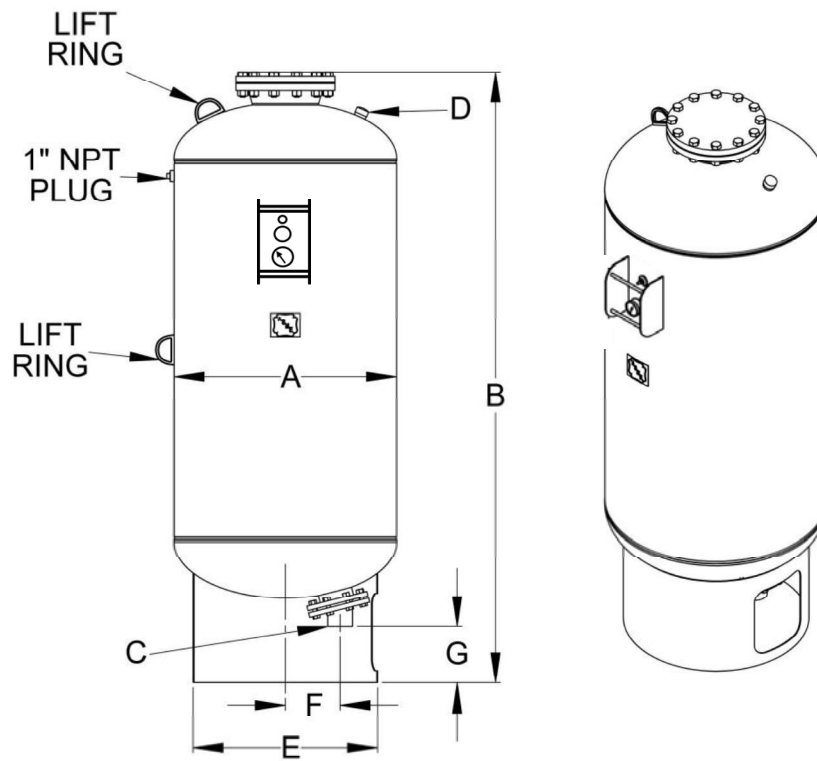
*150, 200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
ZHXA-1000	21011000	264		
ZHXA-1200	21011200	317		
ZHXA-1400	21011400	370		
ZHXA-1600	21011600	422		
ZHXA-2000	21012000	528		
ZHXA-2500	21012500	660		
ZHXA-3000L	21013000	792		
ZHXA-3000S	21013001	792		
ZHXA-4000	21014000	1056		
ZHXA-5000	21015000	1320		
ZHXA-7500	21017500	1980		
ZHXA-10000	21019999	2640		
ZHXA-15000	21500000	3963		

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 Zilmet USA model number ZHXA- _____ or approved equal.



ZHXA-1000 thru ZHXA-15000

Model Number	Dimensions in Inches							Approx. Ship Wt. (lbs)
	A	B	System Connection	Charging Valve	E	F	G	
			C	D				
ZHXA-1000	36	87	3	0.302 - 32NC	30	8	9-1/8	735
ZHXA-1200		98 1/2					745	
ZHXA-1400		110 1/2					900	
ZHXA-1600	48	84	42		9	9-1/8	1210	
ZHXA-2000		96				1305		
ZHXA-2500		110				1430		
ZHXA-3000L		138	4			10	9	1575
ZHXA-3000S		93					2169	
ZHXA-4000		115					2638	
ZHXA-5000	60	138			54	11	9-7/16	3246
ZHXA-7500		140					4080	
ZHXA-10000		172					4920	
ZHXA-15000	72	243			60	8	6000	

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.
- Tanks installed horizontally must have the system connection below the horizontal centerline of the tank.