



SINCE 1908
wessels
 company

SUBMITTAL

SS-FXA-SERIES

SEVERE SERVICE HYDRO-PNEUMATIC TANKS

Models: SS-FXA-1000 thru SS-FXA-15000

Submittal Sheet No. H-1007A

Date: 3/17

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

Description

Wessels type SS-FXA severe service tanks are ASME 304 stainless steel 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 for systems that require internal and external protection that is more robust than traditional fabricated plain steel designs. This construction allows for delivery of 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: 304 Stainless Steel*
 Bladder: Heavy Duty Butyl
 System Connection: 304 Stainless Steel*

Performance Limitations

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

*316L Stainless Steel Available

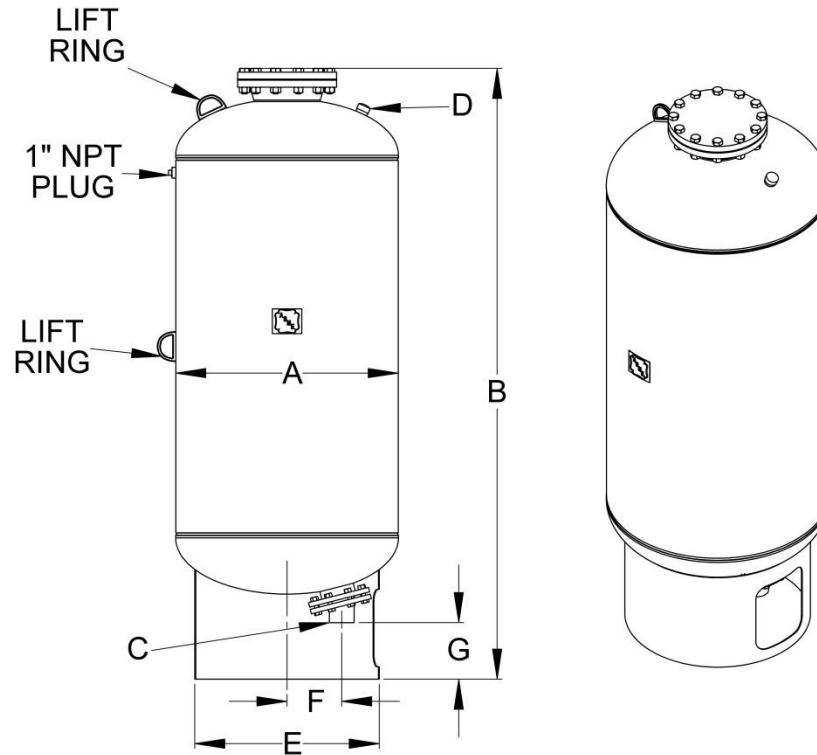
**200 & 250 PSIG available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
SS-FXA-1000	26011000	264		
SS-FXA-1200	26011200	317		
SS-FXA-1400	26011400	370		
SS-FXA-1600	26011600	422		
SS-FXA-2000	26012000	528		
SS-FXA-2500	26012500	660		
SS-FXA-3000L	26013000	792		
SS-FXA-3000S	26013001	792		
SS-FXA-4000	26014000	1056		
SS-FXA-5000	26015000	1320		
SS-FXA-7500	26017500	1980		
SS-FXA-10000	26019999	2640		
SS-FXA-15000	26019998	3963		

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged 304 stainless steel hydro-pneumatic tank with replaceable heavy-duty butyl bladder. The tank shall have 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 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 Wessels model number SS-FXA- _____ or approved equal.



SS-FXA-1000 thru SS-FXA-15000

Dimensions & Weights

Model Number	Dimensions in Inches							Approx. Ship Wt. (lbs)
	A	B	System Connection	Charging Valve	E	F	G	
			C	D				
SS-FXA-1000	36	87	3	0.302" - 32NC	30	8	8 1/2	811
SS-FXA-1200		98 1/2						911
SS-FXA-1400		110 1/2						1013
SS-FXA-1600	48	84	4		42	9	8 3/4	1240
SS-FXA-2000		96						1392
SS-FXA-2500		110						1691
SS-FXA-3000L	60	138	4		54	10	8 1/4	2069
SS-FXA-3000S		93						2138
SS-FXA-4000		115						2584
SS-FXA-5000	72	138	4		60	11	8 1/4	3050
SS-FXA-7500		140						4561
SS-FXA-10000		172						5625
SS-FXA-15000		243					7956	

Notes

- Tanks are factory pre-charged at 30 psi and field adjustable.
- California code-sight glass is available upon request.
- Tanks installed horizontally must have the system connection below the horizontal centerline of the tank.
- Available with mounting clips.