

SINCE 1908
wessels
 company

SUBMITTAL

SS-FXA-SERIES

SEVERE SERVICE HYDRO-PNEUMATIC TANKS

Models: SS-FXA-35 thru SS-FXA-800L

Submittal Sheet No. H-1005B

Date: 4/16

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

Description

Wessels type SS-FXA 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 SS-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**

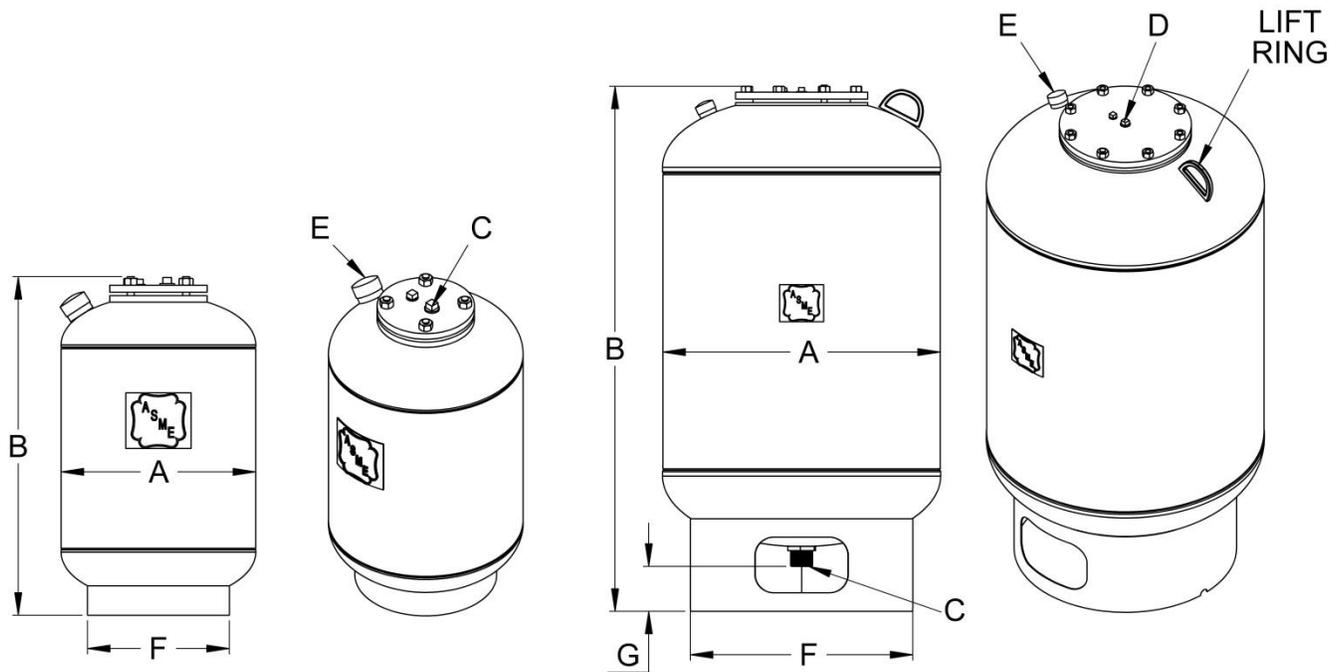
*316L Stainless Steel Available
 **200 & 250 PSIG Available

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
SS-FXA-35	26010035	10		
SS-FXA-50	26010050	13		
SS-FXA-85	26010085	23		
SS-FXA-130	26010130	35		
SS-FXA-200	26010200	53		
SS-FXA-300	26010300	79		
SS-FXA-400	26010400	106		
SS-FXA-500	26010500	132		
SS-FXA-600	26010600	158		
SS-FXA-800L	26010805	211		

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-35 and SS-FXA-50

SS-FXA-85 thru SS-FXA-800L

Dimensions & Weights

Model Number	Dimensions in Inches						Approx. Ship Wt. (lbs)	
	A	B	System Connection		Charging Valve	F		G
			C	D	E			
SS-FXA-35	12	23 1/2	3/4	-	0.302" - 32NC	10	-	63
SS-FXA-50	14	24					-	
SS-FXA-85	16	37	1	1/2		12	5 1/2	141
SS-FXA-130	20					16		151
SS-FXA-200	24	43	1 1/2	3/4		20	5 1/4	243
SS-FXA-300		55						279
SS-FXA-400	30	49	2	3/4		24	5 1/4	333
SS-FXA-500		57						398
SS-FXA-600		65						440
SS-FXA-800L	32	76				28		504

Notes

- Tanks are factory pre-charged at 30 psi and field adjustable.
- California code-sight glass is available upon request.
- 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 mounting clips.