

SINCE 1908  
**wessels**  
company

## SUBMITTAL

### TYPE: SEVERE SERVICE STAINLESS REPLACEABLE BLADDER TANKS

MODELS: SSFXA-35 TO SSFXA-3000

SUBMITTAL SHEET No. SSFXA-110

Date: 5/03

### DESCRIPTION

Wessels type SSFXA Severe Service Tanks are ASME 304 stainless steel replaceable bladder style vessels. They are designed for commercial and industrial systems that require internal and external protection more robust than traditional fabricated plain steel designs. They are designed to store water isolated within the bladder, utilizing the captured air cushion to control system pressures.

### CONSTRUCTION

Shell: 304 Stainless Steel\*

Bladder: Heavy duty butyl (FDA Approved)

\* 316L Stainless available

### PERFORMANCE LIMITATIONS

Maximum Design Temperature: 240°F

Maximum Design Pressure: 125 PSIG\*

\* Higher pressures available

### DIMENSIONS AND WEIGHTS

MODEL	Gal.	"A" (INCH)	"B" (INCH)	"C" (INCH)	"D" (INCH)	Wt. (Lbs.)
SSFXA 35	10	12	25	3/4	N/A	40
SSFXA 50	13	14	25	3/4	N/A	50
SSFXA 85	23	16	37	1	5-1/4"	90
SSFXA 130	35	20	37	1	5-1/4"	125
SSFXA 200	53	24	43	1 1/2	5-1/4"	210
SSFXA 300	79	24	55	1 1/2	5-1/4"	225
SSFXA 400	106	30	49	1 1/2	5-1/2"	300
SSFXA 500	132	30	57	2	4-3/4"	330
SSFXA 600	158	30	65	2	4-3/4"	360
SSFXA 700	185	30	80	1.5	4-3/4"	401
SSFXA 800	211	32	80	2	4-3/4"	475
SSFXA 1000	264	36	87	3	8-1/2"	735
SSFXA 1200	317	36	98	3	8-1/2"	745
SSFXA 1400	370	36	111	3	8-1/2"	900
SSFXA 1600	422	48	84	3	8-3/4"	1210
SSFXA 2000	528	48	96	3	8-3/4"	1305
SSFXA 2500	660	48	114	4	8-1/4"	1430
SSFXA 3000	792	48	134	4	8-1/4"	1575

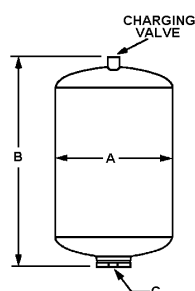
**Note:** Tanks are factory pre-charged to 30 psi and field adjustable.

**Note:** Tanks can be installed in the horizontal position with the system connection located below the tank horizontal centerline

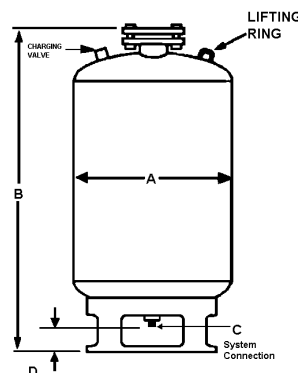
### TYPICAL SPECIFICATION

Furnish and install as shown on plans a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" high pre-charged 304-stainless steel tank with replaceable heavy duty butyl bladder as manufactured by Wessels Company. The tank shall have NPTF system connection and .302" – 32 charging valve to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with section VIII of the ASME Boiler and Pressure Vessels Code and stamped with 125 PSI working pressure.

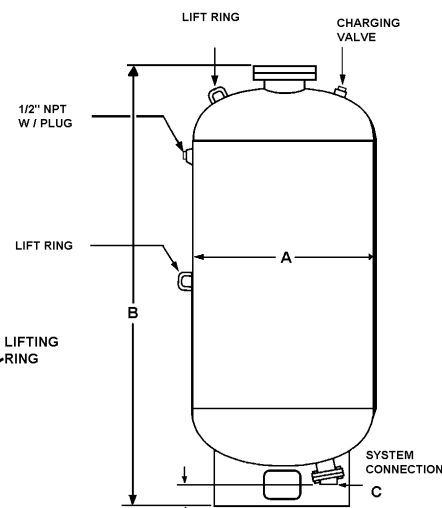
Each tank shall be Wessels model SSFXA \_\_\_\_\_ or approved equal.



SSFXA 35 TO 50



SSFXA 85 TO 800



SSFXA 1000 TO 3000