

### DESCRIPTION

Wessels type EPFXA Severe Service Tanks are epoxy lined, interior and exterior, carbon 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.

#### **DIMENSIONS AND WEIGHTS**

		"A"	"B"	"C"	"D"	Wt.
MODEL	Gal.	(INCH)	(INCH)	(INCH)	(INCH)	(Lbs.)
EPFXA 35	10	12	25	3/4	N/A	40
EPFXA 50	13	14	25	3/4	N/A	50
EPFXA 85	23	16	37	1	5-1/4"	90
EPFXA 130	35	20	37	1	5-1/4"	125
EPFXA 200	53	24	43	1 1/2	5-1/4"	210
EPFXA 300	79	24	55	1 1/2	5-1/4"	225
EPFXA 400	106	30	49	1 1/2	5-1/2"	300
EPFXA 500	132	30	57	2	4-3/4"	330
EPFXA 600	158	30	65	2	4-3/4"	360
EPFXA 700	185	30	80	1.5	4-3/4"	401
EPFXA 800	211	32	80	2	4-3/4"	475
EPFXA 1000	264	36	87	3	8-1/2"	735
EPFXA 1200	317	36	98	3	8-1/2"	745
EPFXA 1400	370	36	111	3	8-1/2"	900
EPFXA 1600	422	48	84	3	8-3/4"	1210
EPFXA 2000	528	48	96	3	8-3/4"	1305
EPFXA 2500	660	48	114	4	8-1/4"	1430
EPFXA 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 precharged carbon steel tank with replaceable heavy duty butyl bladder as manufactured by Wessels Company. The interior and exterior shall be properly prepared sand blasted to white metal prior and shall be epoxy-lined with a NSF listed two-part epoxy coating. Epoxy coating will be continuous over the entire surface of the tank. 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 EPFXA \_\_\_\_

\_\_\_\_\_ or approved equal.

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# TYPE: SEVERE SERVICE EPOXY-LINED REPLACEABLE BLADDER TANKS

MODELS: EPFXA-35 TO EPFXA-3000

SUBMITTAL SHEET No. EPFXA-110

Date: 5/03

### CONSTRUCTION

Shell: Carbon Steel Interior/Exterior: NSF Listed Epoxy Bladder: Heavy duty butyl (FDA Approved)

## PERFORMANCE LIMITATIONS

Maximum Design Temperature: 240°F Maximum Design Pressure: 125 PSIG\* \* Higher pressures available

