



SINCE 1908
wessels
company

SUBMITTAL

TYPE: FXA ASME PRESSURIZED
HYDRO-PNEUMATIC TANKS

MODELS: FXA 1000 TO FXA 15000

Submittal Sheet No. F-3560

Date 2-98

JOB _____

Wessels Representative _____

Unit Tag No. _____

Order No. _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

Approved By _____ Date _____

DESCRIPTION

Wessels Type FXA 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.

CONSTRUCTION

Shell: Carbon steel

Bladder: Heavy duty butyl (FDA Approved)

System Connection: Epoxy lined

PERFORMANCE LIMITATIONS

Maximum Design Pressure: 125 PSIG*

Maximum Design Temperature: 240°F

*200 & 250 PSIG available

SCHEDULE

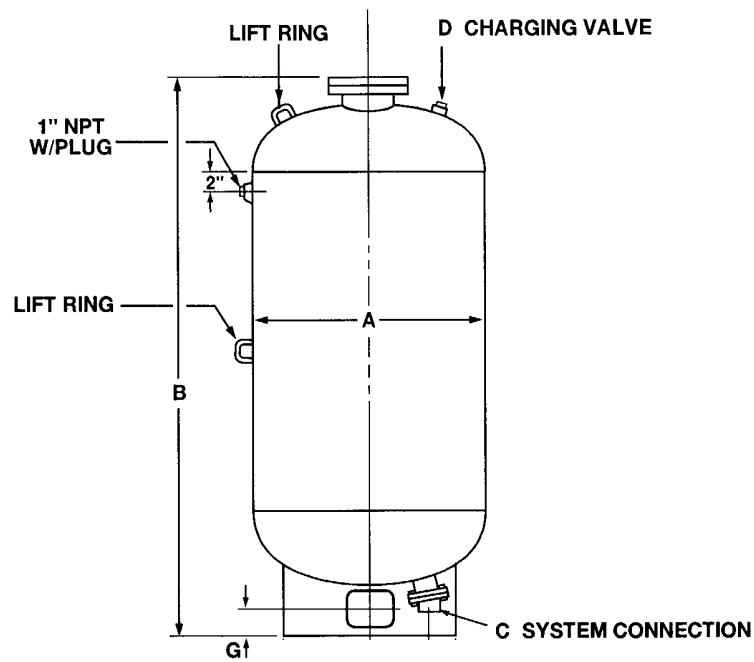
Model Number	Tank Volume Gallons	Tagging Information	Quantity
FXA 1000	264		
FXA 1200	317		
FXA 1400	370		
FXA 1600	422		
FXA 2000	528		
FXA 2500	660		
FXA 3000L	792		
FXA 3000S	792		
FXA 4000	1056		
FXA 5000	1320		
FXA 7500	1980		
FXA 10000	2640		
FXA 15000	3963		

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallon _____ " diameter X _____ " (high) pre-charged steel hydro-pneumatic tank with replaceable heavy duty butyl rubber bladder. The tank shall have a bottom NPT epoxy lined system connection and a .302" - 32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and a floor mounting skirt for vertical installation. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped 125 PSI working pressure.

Each tank shall be Wessels model number FXA _____ or approved equal.

HYDRO-PNEUMATIC TANKS - PRESSURIZED



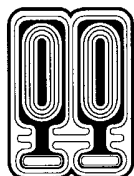
DIMENSIONS & WEIGHTS

Model Number	Dimensions in Inches				E	F	G	Approx. Shipping Weight (lbs)
	A	B	System Connection	Charging Valve				
			C	D				
FXA 1000	36"	87"	3"	.302" -32NC	30"	8"	8 1/2"	735
FXA 1200		98"						745
FXA 1400		111"						900
FXA 1600	48"	84"	4"	.302" -32NC	42"	9"	8 3/4"	1210
FXA 2000		96"						1305
FXA 2500		114"						1430
FXA 3000L	60"	134"	4"	.302" -32NC	54"	10"	8 1/4"	1575
FXA 3000S		93"						2169
FXA 4000		115"						2638
FXA 5000	72"	138"	4"	.302" -32NC	60"	11"	8 1/4"	3246
FXA 7500		140"						4080
FXA 10000		172"						4920
FXA 15000		243"						6000

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

California code-sight glass available on request.

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



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