

SINCE 1908
wessels
company

SUBMITTAL

TYPE: FXA ASME PRE-CHARGED
HYDRO-PNEUMATIC TANKS

MODELS: FXA 35 THRU FXA 800L*

Submittal Sheet No. F-3550A

Date 4-11

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 provided by a NSF 61 listed supplier.

CONSTRUCTION

Shell: Carbon steel

Bladder: Heavy duty butyl

(Provided by NSF 61 Listed Supplier)

System Connection: Epoxy lined

(Provided by NSF 61 Listed Supplier)

PERFORMANCE LIMITATIONS

Maximum Design Pressure: 125 PSIG

SCHEDULE

Model Number	Tank Volume Gallons	Tagging Information	Quantity
FXA 35	10		
FXA 50	13		
FXA 85	23		
FXA 130	35		
FXA 200	53		
FXA 300	79		
FXA 400	106		
FXA 500	132		
FXA 600	158		
FXA 800L	211		

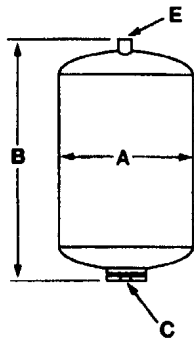
* FXA 700 - Refer to submittal sheet No. FXA 701

TYPICAL SPECIFICATIONS

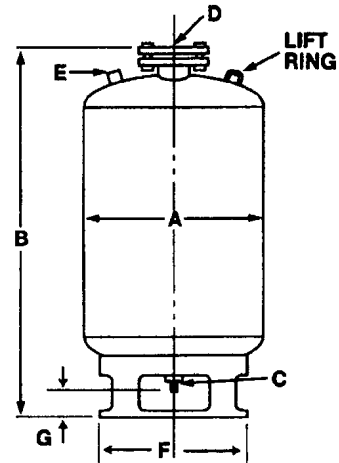
Furnish and install as shown on plans a _____ gallon _____ " diameter X _____ " (high) pre-charged steel hydro-pneumatic tank with replaceable heavy duty butyl rubber bladder. The tank shall have NPT epoxy lined system connections and a .302" - 32 charging valve connection (standard tire valve) to facilitate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

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

HYDRO-PNEUMATIC TANKS - PRESSURIZED



FXA 35 and FXA 50



FXA 85 thru FXA 800L *

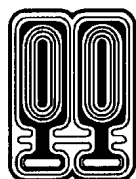
DIMENSIONS & WEIGHTS

Model Number	Dimensions in Inches							Approx. Shipping Weight (lbs)
	A	B	System Connection		Charging Valve	F	G	
			C	D	E			
FXA 35	12"	25"	3/4"	—	.302" -32NC	—	—	40
FXA 50	14"			—		—	50	
FXA 85	16"	37"	1"	1/2"		12"	5 1/4"	90
FXA 130	20"					16"		125
FXA 200	24"	43"	1 1/2"	3/4"		20"		210
FXA 300		55"				225		
FXA 400	30"	49"	2"			24"	5 1/2"	300
FXA 500		57"					4 3/4"	330
FXA 600		65"					360	
FXA 800L	32"	76"	2"	3/4"		26"	4 3/4"	475

* FXA 700 - Refer to submittal sheet No. FXA 701

Note:

- Tanks are factory pre-charged at 30 psi and field adjustable.
- California code-sight glass available on request.
- On models FXA 85 thru FXA 800L both top and bottom connections (C and D) access the bladder.
- Bottom connection C must be used for main water supply.
- Top connection D can be used for auxiliary gauge, pressure switch, etc.



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