



SUBMITTAL

WR-SERIES
HYDRO-PNEUMATIC TANKS

Models: WR 500-A thru WR 520-A
 Submittal Sheet No. _____

Date: 5/18

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

Description

Flexcon type WR 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. All WR hydro-pneumatic tanks can be installed vertically or horizontally.

Construction

Shell: Carbon Steel
 Bladder: Heavy Duty Butyl
 FDA Approved
 NSF 61 Listed
 System Connection: Epoxy lined

Performance Limitations

Maximum Design Temperature: 240°F
 Maximum Design Pressure: 125 PSIG*

Model Number	Wessels Model	Tank Volume (Gallons)	Tagging Information	Quantity
WR 500-A	FXA-400	106		
WR 505-A	FXA-500	132		
WR 510-A	FXA-600	158		
WR 520-A	FXA-800L	211		

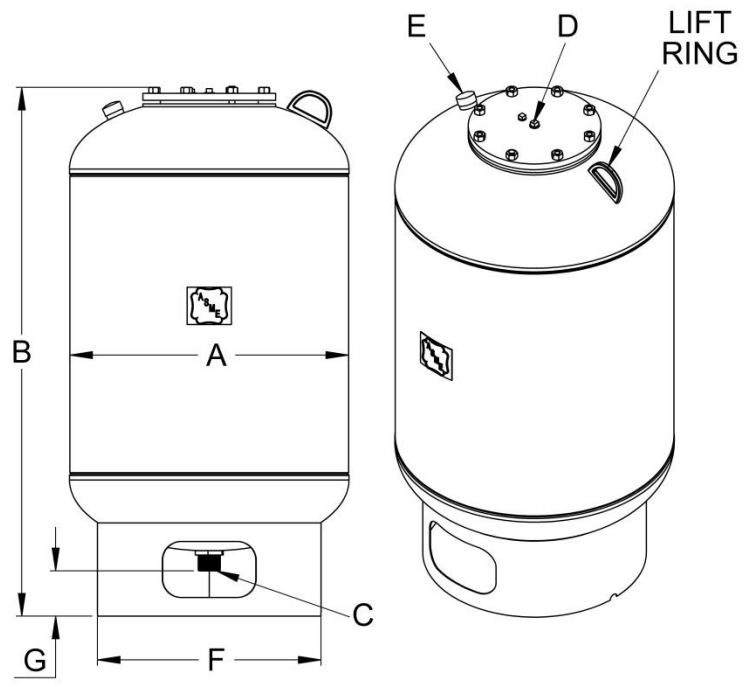


61
Listed
Materials

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel hydro-pneumatic tank with replaceable heavy-duty butyl bladder. The tank shall have NPT epoxy lined 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 Flexcon model number WR- _____ or approved equal.



WR 500-A thru WR 520-A

Dimensions & Weights

Model Number	Wessels Model	A	B	System Connection C	System Connection D	Charging Valve	F	G	Approx. Ship Wt. (lbs)
WR 500-A	FXA-400	30	49	1 ½	¾	.302-32NC	24	5 ¼	300
WR 505-A	FXA-500	30	57	2	¾	.302-32NC	24	5 ¼	330
WR 510-A	FXA-600	30	65	2	¾	.302-32NC	24	5 ¼	360
WR 520-A	FXA-800L	32	76	2	¾	.302-32NC	28	5 ¼	475

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.