

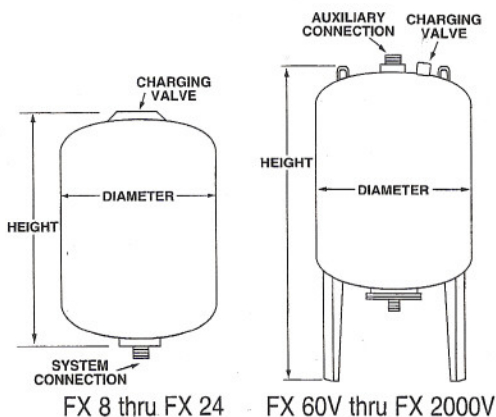
FX SERIES BLADDER TANKS NON-ASME CODE TANKS MAXIMUM DESIGN PRESSURE...150PSIG

TYPE FX WATER TANKS – THE ULTIMATE IN WATER SYSTEM PROTECTION



Replaceable diaphragm type water system tanks for residential and commercial well water and booster applications in sizes 2.11 to 528 gallons. Heaviest deep drawn steel shells in the industry provide added material strength and higher pressure capabilities for an extremely powerful water system.

- Permanent separation of air and water over the life of the system
- Water is "in the bag." Steel tank never touches water and is not subject to corrosion
- Replaceable diaphragm
- 150 PSI deep draw steel tank for extra durability and safe use
- Three point steel leg design with full air circulation
- 360° system connection for ease of installation
- Highly rust resistant baked epoxy finish for extra protection
- Factory pre-charged and field adjustable



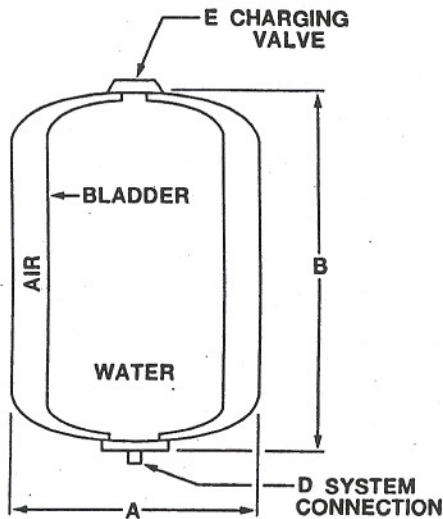
FX 8 thru FX 24

FX 60V thru FX 2000V

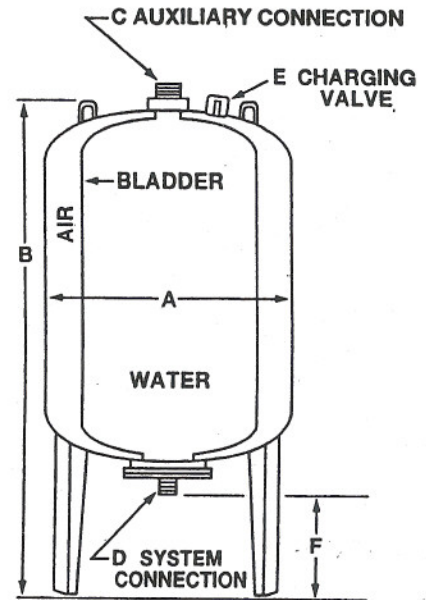
Model Number	Size U.S. Gal.	Tank Diameter	Tank Length	NPT System Connection	NPT System Connection	Shipping Weight Pounds
FX 8	2.11	8"	13"	3/4"	–	7
FX 19	5.02	11"	16"	3/4"	–	13
FX 24	6.34	14"	13"	3/4"	–	15
FX 60V	16	15"	34"	1"	–	39
FX 80V	21	18"	34"	1"	–	49
FX 100V	26	18"	38"	1"	1/2"	61
FX 200V	52	22"	49"	1 1/2"	1/2"	112
FX 300V	80	25"	55"	1 1/2"	1/2"	141
FX 500V	132	31"	61"	1 1/2"	1/2"	265
FX 750V	198	31"	79"	1 1/2"	1/2"	330
FX 1000V	264	37"	77"	2"	1/2"	398
FX 2000V	528	50"	84"	2"	1/2"	835

150 P.S.I. operating pressure - 200°F maximum temperature - Factory pre-charge 30 P.S.I.

**Figure 1
IN-LINE MODELS**



**Figure 2
VERTICAL MODELS**



LIFTING RINGS STANDARD ON MODELS FX-100V THRU FX-2000V.

ALL VERTICAL MODELS FURNISHED WITH THREE MOUNTING LEGS.

DIMENSIONS & WEIGHTS

Model Number	Figure	Dimensions in Inches						Pre-Charge	Approx. Shipping Weight (lbs)
		Dia.	OAL	Aux. Conn. NPT	System Connection	Charging Valve	Clearance (in.)		
		A	B	C	D	E	F		
FX 8	1	8	13	-	3/4"	.302" -32NC	-	30	7
FX 19	1	11	16				-	30	13
FX 24	1	14	13				-	30	15
FX 60V	2	15	34		1"		7	30	39
FX 80V	2	18	34	7.7		30	49		
FX 100V	2	18	38	1/2"	1 1/2"	7.2	30	61	
FX 200V	2	22	49			8.5	30	112	
FX 300V	2	25	55			8.5	30	141	
FX 500V	2	31	61		2"	9	30	265	
FX 750V	2	31	79			9	30	330	
FX1000V	2	37	77			9	30	398	
FX2000V	2	50	84	9	30	835			

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FX SERIES BLADDER TANKS NON-ASME CODE TANKS MAXIMUM DESIGN PRESSURE...150PSIG



DESCRIPTION

Wessels Type FX Super Tanks are non-ASME replaceable diaphragm type pre-charged hydro-pneumatic tanks for residential and commercial well and water systems, booster systems, irrigation systems, etc. 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 diaphragm. The exterior has a baked epoxy finish.

CONSTRUCTION

Shell: Carbon steel
 Diaphragm: Heavy duty butyl (FDA Approved)

PERFORMANCE LIMITATIONS

Maximum Design Pressure: 150 PSIG

Model Number	Tank Volume Gallons	DRAWDOWN IN GALLONS PSIG		
		20-40	30-50	40-60
FX 8	2.11	.77	.65	.56
FX 19	5.02	1.83	1.55	1.34
FX 24	6.34	2.32	1.95	1.69
FX 60V	16.00	5.85	4.94	4.28
FX 80V	21.00	7.68	6.48	5.62
FX 100V	26.00	9.51	8.03	6.96
FX 200V	52.00	19.03	16.06	13.93
FX 300V	80.00	29.28	24.72	21.44
FX 500V	132.00	48.31	40.78	35.37
FX 750V	198.00	72.40	61.21	53.01
FX1000V	264.00	96.62	81.57	70.75
FX2000V	528.00	193.24	163.15	141.50

