

JOB:	REPRESENTATIVE:	
UNIT TAG:	ORDER NO.:	DATE:
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:



Series "WTX"

Residential/Commercial Non-ASME Potable Well Water
 Pre-Pressurized Diaphragm Tanks
 For Potable Well Water and Booster Pump Systems

DESCRIPTION

The Series "WTX" tanks will help protect the pump and pressure switches against short cycling. The potable well tank delivers adequate water under pressure between pump cycles to meet the required demand. It will provide economical system operation by minimizing pump starts, extending pump motor life, and saving energy. The "WTX" tank will also assist the pump in meeting peak demands.

Factory Precharge Pressure:

- WTX-2, WTX-5: 18 PSIG (124 kPa)
- WTX-8: 28 PSIG (193 kPa)
- All other WTX tanks: 38 PSIG (262 kPa)

CONSTRUCTION

- Shell: Carbon Steel
- Diaphragm: Butyl / EPDM
- Liner: Polypropylene
- System Connection:
 - WTX-2, WTX-5, WTX-8, WTX-10, WTX-14:
Copper Lined Steel Fitting
 - All other WTX tanks:
Steel with Stainless Steel Elbow

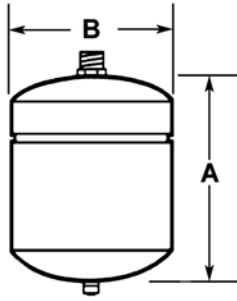
PERFORMANCE LIMITATIONS

- Max. Operating Temperature: 200°F (93°C)
- Max. Operating Pressure: 100 PSIG (689 kPa)

SCHEDULE

Part Number	Model Number	Tank Volume Gallons (Liters)	Acceptance Factor	System Drawdown in Gallons			Tagging Information	Quantity
				(PSIG)				
				20/40	30/50	40/60		
1BN300LF	WTX-2	2 (8)	0.45	0.8	0.7	0.6		
1BN301LF	WTX-5	4.4 (17)	0.55	1.8	1.5	1.3		
1BN302LF	WTX-8	7.6 (33)	0.42	3.1	2.6	2.2		
1BN303LF	WTX-10	10.3 (39)	1.00	4.1	3.5	3.0		
1BN304LF	WTX-14	14 (53)	0.81	5.6	4.8	4.1		
1BN305LF	WTX-10S	10.3 (39)	1.00	4.1	3.5	3.0		
1BN306LF	WTX-14S	14 (53)	0.81	5.6	4.8	4.1		
1BN307LF	WTX-20S	20 (76)	0.57	8.0	6.8	5.9		
1BN308LF	WTX-26S	26 (98)	0.44	10.5	8.8	7.6		
1BN309LF	WTX-32S	32 (121)	0.35	-	10.9	9.4		
1BN310LF	WTX-34S	34 (129)	1.00	13.7	11.6	10.0		
1BN311LF	WTX-44S	44 (167)	0.77	17.7	15	12.9		
1BN312LF	WTX-62S	62 (265)	0.55	24.9	21.1	18.2		
1BN313LF	WTX-81S	81 (307)	0.41	32.6	27.5	23.8		
1BN315LF	WTX-86S	86 (326)	0.54	34.6	29.2	25.3		
1BN316LF	WTX-119S	119 (450)	0.39	47.8	40.5	35.0		

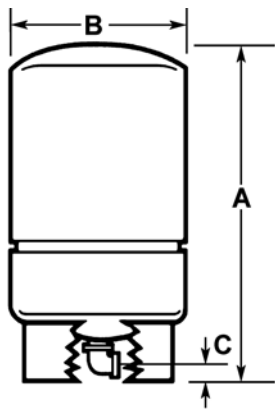
DIMENSIONS AND WEIGHTS



INLINE MODELS

MODEL NO.	Inches (mm)		SYSTEM CONNECTION	Approx. Shipping Wt Lbs. (Kg)
	A Height	B Diameter		
WTX-2	12-5/8 (321)	8 (203)	3/4" NPTM	5 (2.3)
WTX-5	15 (381)	11 (279)	3/4" NPTM	9 (4)
WTX-8	22-1/4 (629)	11 (279)	3/4" NPTM	15 (7)
WTX-10	17-3/4 (451)	15-3/8 (390)	1" NPTM	20 (9)
WTX-14	22 (559)	15-3/8 (390)	1" NPTM	22 (10)

STAND MODELS



MODEL NO.	Inches (mm)			SYSTEM CONNECTION	Approx. Shipping Wt Lbs. (Kg)
	A Height	B Diameter	C		
WTX-10S	19-1/4 (489)	15-3/8 (390)	1-13/168 (46)	1" NPTF	23 (10)
WTX-14S	23-7/8 (606)	15-3/8 (390)	1-13/16 (46)	1" NPTF	25 (11)
WTX-20S	31-5/8 (803)	15-3/8 (390)	1-13/16 (46)	1" NPTF	33 (15)
WTX-26S	38-1/4 (972)	15-3/8 (390)	1-13/16 (46)	1" NPTF	36 (16)
WTX-32S	46-1/2 (1181)	15-3/8 (390)	1-13/16 (46)	1" NPTF	43 (20)
WTX-34S	29-5/8 (752)	22 (529)	2-3/16 (56)	1-1/4" NPTF	61 (28)
WTX-44S	36 (914)	22 (529)	2-3/16 (56)	1-1/4" NPTF	69 (31)
WTX-62S	46-3/4 (1187)	22 (529)	2-3/16 (56)	1-1/4" NPTF	92 (41)
WTX-81S	56-3/8 (1432)	22 (529)	2-3/16 (56)	1-1/4" NPTF	103 (47)
WTX-86S	47-1/4 (1200)	26 (660)	2-3/16 (56)	1-1/4" NPTF	123 (56)
WTX-119S	61-7/8 (1572)	26 (660)	2-3/16 (56)	1-1/4" NPTF	166 (75)

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallon (_____ liter), _____" (_____ mm) diameter x _____" (_____ mm) high pre-charged vertical well tank with integral, heavy duty butyl / EPDM diaphragm and polypropylene dome liner, FDA approved for potable water. The tank shall have a _____" NPTF system connection, and a .302"-32 charging valve connection (standard tire valve) to facilitate on-site charging of the tank to meet system requirements.

The tank must be designed for a maximum working pressure of 100 PSIG (689 kPa) and maximum operating temperature of 200 °F (93°C).

Each tank shall be Xylem – Bell & Gossett Model No. _____

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.xyleminc.com/brands/bellgossett

xylem
Let's Solve Water