



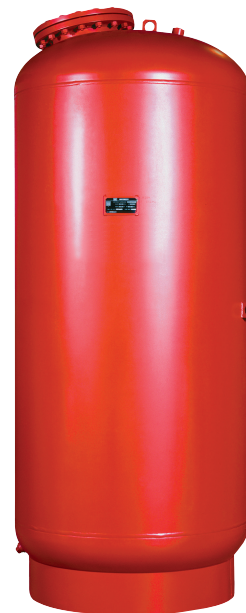
Non-ASME Pre-Pressurized Tanks

Series WT pre-charged tanks

Description

The Series WT expansion tank 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 WT tank will also assist the pump in meeting peak demand.

- Commercial applications
- Minimizes pump run time, extends life of pump
- FDA approved materials
- High maximum operating temperatures
- High maximum working pressures



Designed for potable well water
and booster pump systems



Bell & Gossett
xylem

Series WT potable well water tanks

Construction

- Shell Steel
- System connection Malleable iron
- WT-401 – WT-405 Butyl diaphragm, polypropylene liner
- WT-421 – WT-457 Butyl bladder

Factory precharge:

- WT-401 – WT-405 30 PSIG
- WT-421 – WT-457 25 PSIG

Performance limitations

Maximum design pressure:

- WT-401 – WT-405 150 PSIG (1035kPa)
- WT-421 – WT-427 100 PSIG (689kPa)
- WT-447 – WT-457 150 PSIG (1035kPa)

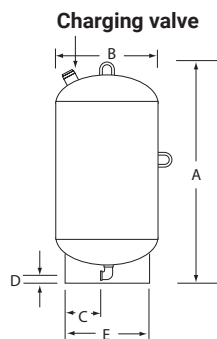
Maximum design temperature:

- WT-401 – WT-405 200°F (93°C)
- WT-421 – WT-457 240°F (116°C)

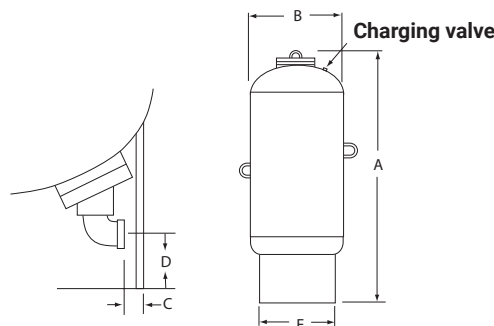
Dimensions: gallons (ltrs), inches (mm), weights: lbs (kg)

Model number	Part number	Tank volume	Acceptance factor	A Height	B Diameter	C	D	E	System connection	Approx. shpg. wt.
WT-401	1BN101LF	18 (68)	0.65	31 1/4 (794)	16 1/4 (413)	4 (124)	1 1/2 (38)	12 3/4 (324)	1 (25)	95 (43)
WT-402	1BN102LF	25 (95)	0.45	39 3/4 (1010)	16 1/4 (413)	4 (124)	1 1/2 (38)	12 3/4 (324)	1 (25)	112 (51)
WT-403	1BN103LF	34 (129)	0.33	49 1/4 (1251)	16 1/4 (413)	4 (124)	1 1/2 (38)	12 3/4 (324)	1 (25)	123 (56)
WT-404	1BN104LF	68 (258)	0.50	47 1/4 (1200)	24 (610)	6 1/4 (159)	1 (41)	16 (406)	1 1/4 (32)	210 (95)
WT-405	1BN105LF	90 (341)	0.39	59 1/4 (1505)	24 (610)	6 1/4 (159)	1 (41)	16 (406)	1 1/4 (32)	280 (127)
WT-421	1BN106LF	158 (600)	0.65	74 (1895)	30 (762)	3 1/4 (83)	4 1/4 (108)	24 (610)	2 (50)	308 (140)
WT-422	1BN107LF	211 (800)	0.65	92 (2353)	30 (762)	3 1/4 (83)	4 1/4 (108)	24 (610)	2 (50)	431 (195)
WT-423	1BN108LF	264 (1000)	0.65	82 1/2 (2086)	36 (914)	4 1/2 (114)	5 1/16 (128)	30 (762)	3 (76)	503 (229)
WT-424	1BN109LF	317 (1200)	0.65	94 1/2 (2400)	36 (914)	4 1/2 (114)	5 1/16 (128)	30 (762)	3 (76)	567 (258)
WT-426	1BN110LF	422 (1600)	0.65	81 (2073)	48 (1220)	7 (187)	6 (156)	42 (1067)	3 (76)	906 (412)
WT-427	1BN111LF	528 (2000)	0.65	95 (2435)	48 (1220)	7 (187)	6 (156)	42 (1067)	3 (76)	1026 (466)
WT-447	1BN112LF	53 (200)	0.65	45 1/4 (1150)	24 (610)	2 (51)	3 3/4 (95)	19 (483)	2 (50)	263 (120)
WT-448	1BN113LF	80 (300)	0.65	59 (1502)	24 (610)	2 (51)	3 3/4 (95)	19 (483)	2 (50)	308 (140)
WT-449	1BN114LF	106 (400)	0.65	73 (1857)	24 (610)	2 (51)	3 3/4 (95)	19 (483)	2 (50)	352 (160)
WT-450	1BN115LF	132 (500)	0.65	86 (2200)	24 (610)	2 (51)	3 3/4 (95)	19 (483)	2 (50)	392 (178)
WT-451	1BN116LF	158 (600)	0.65	73 1/4 (1867)	30 (762)	3 1/2 (89)	5 1/2 (140)	24 (610)	2 (50)	513 (233)
WT-452	1BN117LF	211 (800)	0.65	91 (2312)	30 (762)	3 1/2 (89)	5 1/2 (140)	24 (610)	2 (50)	760 (345)
WT-453	1BN118LF	264 (1000)	0.65	89 (2184)	36 (914)	4 1/2 (102)	7 (178)	30 (762)	3 (76)	810 (367)
WT-454	1BN119LF	317 (1200)	0.65	98 (2489)	36 (914)	4 1/2 (102)	7 (178)	30 (762)	3 (76)	914 (415)
WT-455	1BN120LF	370 (1400)	0.65	110 (2804)	36 (914)	4 1/2 (102)	7 (178)	30 (762)	3 (76)	1018 (462)
WT-456	1BN121LF	422 (1600)	0.65	81 (2080)	48 (1220)	7 1/2 (191)	7 1/8 (181)	42 (1067)	3 (76)	1655 (750)
WT-457	1BN122LF	528 (2000)	0.65	97 1/4 (2470)	48 (1220)	7 1/2 (191)	7 1/8 (181)	42 (1067)	3 (76)	1925 (873)

Dimensions subject to change. Not to be used for construction purposes.



WT-401 through WT-405



WT-421 through WT-457

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, Illinois 60053

Phone: (847) 966-3700
Fax: (847) 965-8379
www.xylem.com/bellgossett

Subject to change without notice. All information presented herein is believed reliable and in accordance with accepted engineering practices. Xylem makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Xylem assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.

© 2025 Xylem and Bell & Gossett are trademarks of Xylem, Inc. or one of its subsidiaries. All other trademarks are the property of their respective owners.

A-362D 4/2025

xylem
Let's Solve Water