

- Commercial Applications
- ASME Construction
- Controls System Pressure
- Protects Plumbing Fixtures
- Eliminates Relief Valve Blow-Off
- FDA Approved Materials
- High Maximum Operating Temperatures
- High Working Pressures of 175 PSI and 250 PSI Available
- Complies with NSF/ANSI Standard 61



**Integrated Bladder
Integrity Monitor Included
on Each Model**



**Designed for Potable
Hot Water Systems**

ASME Expansion Tanks

SERIES PTA PRE-CHARGED TANKS



Bell & Gossett
a xylem brand

PTA Potable Hot Water Tanks (ASME Construction)

DESCRIPTION

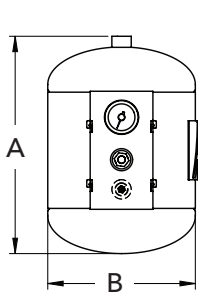
The Series PTA expansion tank is an ASME constructed vessel designed to absorb the forces of expanding water and protect the domestic water system from pressure build up. PTA-5 through PT-210V are bladder tanks that have a FDA approved polypropylene liner and butyl diaphragm that isolate the water from the steel shell. The PTA-447 through PTA-457 are bladder tanks that utilize a FDA approved replaceable butyl bladder to isolate the system water from the steel shell.

PTA-5 THROUGH PTA-210V DIAPHRAGM TANKS

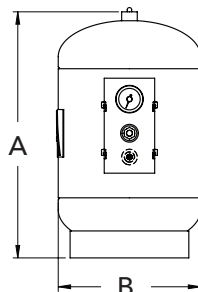
Maximum Working Pressure 150 PSI (1035 kPa)
Maximum Operating Temperature 240°F (116°C)
Materials: Polypropylene Liner, Butyl Diaphragm, Steel Shell, Stainless Steel System Connection
Factory Precharge 40 PSI (276 kPa)

PTA-447 THROUGH PTA-457 BLADDER TANKS

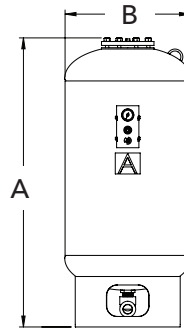
Maximum Working Pressure 150 PSI (1034 kPa)
Maximum Operating Temperature 240°F (115°C)
Materials: Butyl Bladder, Steel Shell, Stainless Steel System Connection
Factory Precharge 40 PSI (276 kPa)
All tanks designed and constructed per ASME Section VIII Division 1.



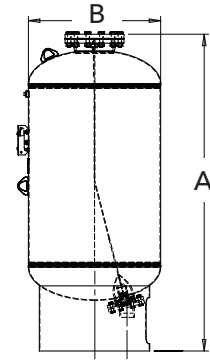
PTA-5 thru PTA-12



PTA-20V thru PTA-210V



PTA-447 thru PTA-449



PTA-450 thru PTA-457

Dimensions: Gallons (Ltrs.), Inches (mm), Weights: LBS (KG)

Model Number	Part Number	Tank Volume	Maximum Recommended Acceptance Volume	A Height	B Diameter	System Connection	Approx. Shipping Weight
PTA-5	1BN346LF	3.5 (13)	2.3 (9)	14 (356)	10 (254)	3/4 NPTF	22 (10)
PTA-12	1BN347LF	5 (19)	3.3 (12)	14 (356)	12 (305)	3/4 NPTF	28 (13)
PTA-20V	1BN348LF	8 (30)	5.3 (20)	21 (508)	12 (305)	3/4 NPTF	34 (15)
PTA-30V	1BN349LF	15 (57)	10 (38)	25 (610)	16 (406)	1 NPTF	50 (23)
PTA-42V	1BN350LF	22 (83)	14 (53)	31 (787)	16 (406)	1 NPTF	57 (26)
PTA-60V	1BN351LF	26 (98)	18 (68)	34 (864)	16 (406)	1 NPTF	62 (28)
PTA-80V	1BN352LF	35 (132)	24 (91)	45 (1143)	16 (406)	1 NPTF	80 (36)
PTA-100V	1BN353LF	45 (170)	30 (113)	39 (991)	20 (508)	1 NPTF	110 (50)
PTA-125V	1BN354LF	60 (227)	40 (151)	50 (1270)	20 (508)	1 NPTF	134 (61)
PTA-160V	1BN355LF	70 (265)	47 (178)	47 (1194)	24 (610)	1 1/2 NPTF	177 (80)
PTA-180V	1BN356LF	80 (302)	53 (200)	50 (1270)	24 (610)	1 1/2 NPTF	184 (83)
PTA-210V	1BN357LF	90 (340)	60 (227)	53 (1346)	24 (610)	1 1/2 NPTF	193 (88)
PTA-447	1BN358LF	53 (200)	53 (200)	43 (1092)	24 (610)	1 1/2 NPTF	220 (100)
PTA-448	1BN359LF	80 (300)	80 (300)	55 (1397)	24 (610)	1 1/2 NPTF	236 (107)
PTA-449	1BN360LF	106 (400)	106 (400)	49 (1245)	30 (762)	1 1/2 NPTF	315 (143)
PTA-450	1BN361LF	132 (500)	132 (500)	57 (1448)	30 (762)	2 NPTF	347 (158)
PTA-451	1BN362LF	158 (600)	158 (600)	65 (1651)	30 (762)	2 NPTF	378 (172)
PTA-452	1BN363LF	211 (800)	211 (800)	76 (1930)	32 (813)	2 NPTF	503 (229)
PTA-453	1BN364LF	264 (1000)	264 (1000)	86.5 (2197)	36 (914))	3 NPTF	795 (361)
PTA-454	1BN365LF	317 (1200)	317 (1200)	98.5 (2502)	36 (914)	3 NPTF	820 (373)
PTA-455	1BN366LF	370 (1400)	370 (1400)	110.5 (2807)	36 (914)	3 NPTF	980 (445)
PTA-456	1BN367LF	422 (1600)	422 (1600)	84 (2134)	48 (1219)	3 NPTF	1395 (634)
PTA-457	1BN368LF	528 (2000)	528 (2000)	96 (2438)	48 (1219)	3 NPTF	1525 (693)

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



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