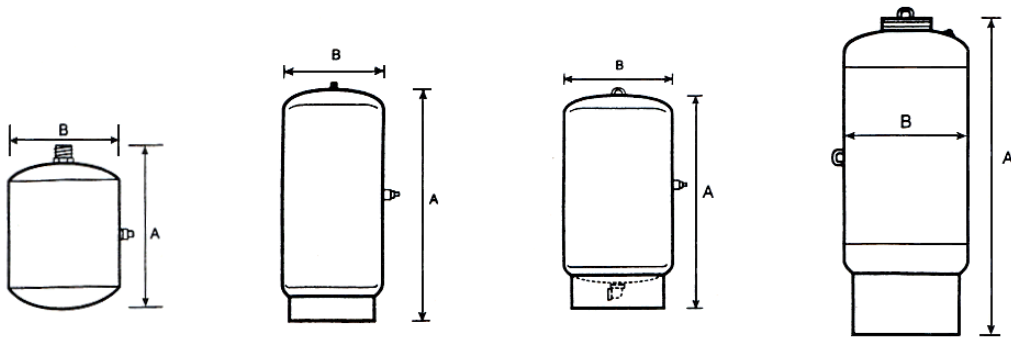


**DIAPHRAGM EXPANSION TANKS - PRE-PRESSURIZED
(ASME CONSTRUCTION)
DIMENSIONS AND WEIGHTS**



PTA-5 & PTA-12

PTA-20V through PTA-42V

PTA-60V through PTA-210V

PTA-447 through PTA-457

DIMENSIONS IN INCHES (MM)

MODEL NUMBER	A HEIGHT	B DIAMETER	SYSTEM CONNECTION	CHARGING VALVE	Shipping Wt Lbs. (Kg)
PTA-5	10-3/8 (264)	10 (254)	3/4" NPTM	.302"-32 NC	21 (9.5)
PTA-12	15-5/8 (397)	12 (305)	3/4" NPTM	.302"-32 NC	26 (12)
PTA-20V	19-1/2 (495)	12 (305)	3/4" NPTF	.302"-32 NC	41 (19)
PTA-30V	19-1/8 (486)	16-1/4 (413)	3/4" NPTF	.302"-32 NC	84 (38)
PTA-42V	24-1/4 (616)	16-1/4 (413)	3/4" NPTF	.302"-32 NC	90 (41)
PTA-60V	34 (864)	16-1/4 (413)	3/4" NPTF	.302"-32 NC	96 (44)
PTA-80V	40-1/2 (1029)	24 (610)	1-1/4" NPTF	.302"-32 NC	229 (104)
PTA-180V	52-5/8 (1337)	24 (610)	1-1/4" NPTF	.302"-32 NC	288 (131)
PTA-210V	60 (1524)	24 (610)	1-1/4" NPTF	.302"-32 NC	318 (144)
PTA-447	45-1/4 (1150)	24 (610)	2" NPTF	.302"-32 NC	263 (120)
PTA-448	59-1/8 (1502)	24 (610)	2" NPTF	.302"-32 NC	308 (140)
PTA-449	73-1/8 (1857)	24 (610)	2" NPTF	.302"-32 NC	353 (161)
PTA-450	86-5/8 (2200)	24 (610)	2" NPTF	.302"-32 NC	391 (178)
PTA-451	73-1/4 (1861)	30 (762)	2" NPTF	.302"-32 NC	508 (230)
PTA-452	91 (2317)	30 (762)	2" NPTF	.302"-32 NC	760 (345)
PTA-453	85-5/8 (2175)	36 (914)	3" NPTF	.302"-32 NC	810 (368)
PTA-454	98 (2489)	36 (914)	3" NPTF	.302"-32 NC	914 (415)
PTA-455	110-3/8 (2804)	36 (914)	3" NPTF	.302"-32 NC	1018 (462)
PTA-456	81-7/8 (2080)	48 (1220)	3" NPTF	.302"-32 NC	1655 (750)
PTA-457	97-1/4 (2470)	48 (1220)	3" NPTF	.302"-32 NC	1925 (873)

Dimensions are subject to change. Not to be used for construction purposes unless certified.

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____ gallon (_____ liter), _____" (_____mm) diameter x _____" (_____mm) high pre-charged vertical steel expansion tank with integral FDA approved, heavy duty butyl blend diaphragm and _____ lined dome, for domestic potable water. The tank shall have a _____" NPT 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 constructed in accordance with ASME Code Section VIII Division 1. The tank must be designed for a maximum working pressure of _____ PSI (_____ kPa) and maximum working temperature of _____°F (_____°C).

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

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