



# POTABLE WATER EXPANSION TANK

**DESCRIPTION:** XpansionTanks absorb any increased volume of water created by thermal expansion and maintain balanced pressure throughout a potable water supply system, such as water heaters and hot water storage tanks.

## Features:

- Absorbs water caused by thermal expansion.
- Returns water to the system when hot water is used.
- Prevents dangerous pressure buildup.
- Stops wasted energy, dripping faucets, toilet valve running, intermittent and pressure relief valve discharge.
- Protects water heater, appliances and fixtures.
- Certified for maximum temperature of 200°F and maximum pressure of 150 psi.



PART NUMBER	ITEM DESCRIPTION
BG-PXT-5	3/4" MIP Connection, 2.1 Gallons
BG-PXT-12	3/4" MIP Connection, 4.5 Gallons

## Acceptance Volume

AIR SIDE PRE-PRESSURE (psi) (bar)	WATER SIDE VOLUME AT 150psi (10.3 bar) (gallons)	
	BG-PXT-5	BG-PXT-12
20 (1.4)	1.48	3.42
40 (2.8)	1.26	2.88
60 (4.1)	1.00	2.49
80 (5.5)	0.80	1.85

Measurements are subject to manufacturing tolerances and may change without notice. BigGuyConstructionProducts® maintains the right to modify or change the product's design or construction without prior notice and without incurring any obligation to make similar changes and modifications to any product previously sold. Contact a BigGuyConstructionProducts® representative for clarifications.





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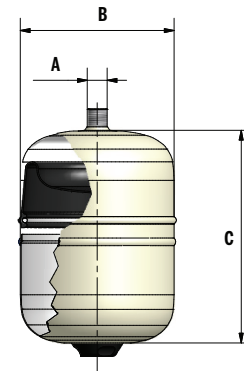
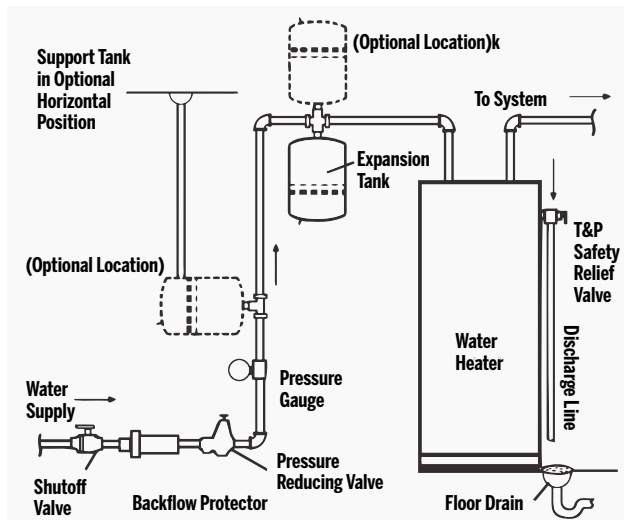
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## Product Details

DESCRIPTION	BG-PXT-5	BG-PXT-12
Max. Pressure - psi	150	150
Max. Temperature - f°	200	200
Tank Volume - gallons	2.1	4.5
Tank Acceptance - gallons	1.26	2.80
Air Pre-Charge - psi	40	40
Connections Size - inches (a)	3/4 male	3/4 male
Diameter - inches (c)	8	11
Length - inches	12	15
Dry Weight - lbs.	4.5	8.0

## Quick Sizing Chart (for applications up to 150°)

SUPPLY PRESSURE (psig)	WATER HEATER (GALLONS)				
	40	50	60	80	120
40	BG-PXT-5	BG-PXT-5	BG-PXT-12	BG-PXT-12	BG-PXT-12
60	BG-PXT-5	BG-PXT-5	BG-PXT-12	BG-PXT-12	BG-PXT-12
80	BG-PXT-5	BG-PXT-5	BG-PXT-12	BG-PXT-12	n/a



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