



Submittal Data PET Series Thermal Expansion Tanks

Job Name: _____ Schedule #: _____
Location: _____ Model #: _____
Engineer: _____ Representative: _____
Contractor: _____

Description

PET series expansion tanks eliminate the problem of nuisance cycling of the safety relief valve when a back-flow preventer or check valve is present in a domestic hot water system. Utilizing The Granite Group's all butyl diaphragm system, they provide a reservoir for expanded water volume and help to prevent dangerous over-pressurization. The diaphragm is permanently separated from the tanks air charge. PET tanks also feature a stainless steel system connection for maximum corrosion resistance.

Materials of Construction

Shell: Drawn steel w/ epoxy finish

Diaphragm: Butyl rubber w/ copolymer
polypropylene lower water chamber

Connection: PET Series-3/4" MNPT

Ratings

Max. Working Pressure: 150 PSI

Max. Working Temp: 200 F

Pre-Charge (adjustable): 40 PSI



PET Series: IAPMO & NSF 61 Listed

Note: PET series tanks are certified to NSF Standard 61 cold but are suitable for temperatures up to 200 F

Model	Volume (gallons)	Max. Acceptance Volume (gallons)	System Connection (inches)	Dimensions (inches)		Weight (lbs)
				Diameter	Height	
PET 5	2.1	1	3/4 MNPT	8	11.6	5
PET 12	4.8	2.5	3/4 MNPT	11	14.5	10

