



Submittal Data
PH & WHV Series
Thermal Expansion Tanks

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

Description

The PH Series...eliminates the problem of nuisance cycling of the safety relief valve when a backflow preventer or check valve is present in a domestic hot water system. Utilizing Flexcon's patented double diaphragm system, they provide a reservoir for expanded water volume and help to prevent dangerous over pressurization. The diaphragm is permanently separated from the tank's air charge. The PH tanks also feature a brass system connection for maximum corrosion resistance.

The WHV Series... is designed for larger potable water systems. Like the PH tank, it features a double diaphragm design and a stainless steel system connection.

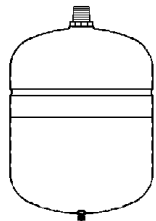
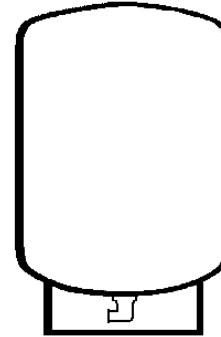
Materials of Construction

Shell: Drawn Steel w/ Epoxy Finish
 Diaphragm: Butyl Rubber
 Connection: PH Series 3/4" MNPT
 WHV Series 1" or 1 1/4" FNPT

Ratings

Maximum Working Pressure 150 PSI
 Pre-charge (Adjustable) 40 PSI

WHV Series
NSF 61 Listed



PH Series
IAPMO & NSF 61
Listed



Note: PH & WHV Series tanks are certified to NSF Standard 61 Cold but are suitable for temperatures up to 200°F



Tank Specifications

Model	Capacity Gallons	Maximum Acceptance Volume	System Conn.	Dimensions (inches)		Weight (lbs)
				Diameter	Height	
PH 5	2.1	1.0	3/4" MNPT	8.5	11.5	7.0
PH 12	4.5	2.0	3/4" MNPT	10	15.0	10.0
PH 25	8.5	3.8	3/4" MNPT	12.5	19.2	11.5
WHV 50	15	6.3	1" FNPT	16	21.7	32
WHV 75	20	9.0	1" FNPT	16	28.8	39
WHV120	32	14.4	1" FNPT	21	27.8	60
WHV165	44	19.8	1 1/4" FNPT	21	36.2	72
WHV320	85	38.3	1 1/4" FNPT	26	44.4	140



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