Submital Data

WH & WHV Series

Thermal Expansion Tanks

Job Name: _____ Schedule #: _____

Location: _____ Model #: _____

Engineer: _____ Representative: _____

Contractor: _____

Description

The WH 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 WH tanks also feature a brass system connection for maximum corrosion resistance.

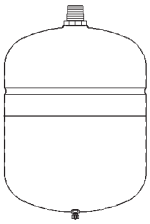
The WHV Series... is designed for larger potable water systems. Like the WH tank, it features a double diaphragm design and a stainless steel system connection.

Materials of Construction

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

Ratings

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



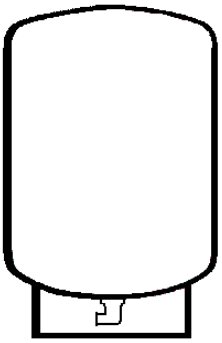
WH Series

IAPMO & NSF 61 Listed

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

WHV Series

NSF 61 Listed



Tank Specifications

Model	Capacity Gallons	Maximum Acceptance Volume	System Conn.	Dimensions (inches)		Weight (lbs)
				Diameter	Height	
WH 8	2.1	1.0	3/4" MNPT	8.5	11.5	7.0
WH 18	4.5	2.5	3/4" MNPT	10	15.0	10.0
WH 32	6.0	2.5	3/4" MNPT	12.5	19.2	11.5
WHV 50	15	6.0	1" FNPT	16	21.7	32
WHV 75	20	8.0	1" FNPT	16	28.8	39
WHV120	33	13.3	1" FNPT	16	42.8	57
WHV165	44	17.7	1 1/4" FNPT	21	36.2	72
WHV320	81	32.6	1 1/4" FNPT	21	62.0	123

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