PROFESSIONAL CALIBER MADE IN THE USA

WHV expansion tanks, they can take the heat!

If you're looking for the ultimate in hot water pressure protection, look no further. FLEX 2 PRO WHV with exclusive CAD-2 diaphragm and antimicrobial liner is it.

WHV potable water expansion tanks are designed to maintain safe pressure in domestic water systems that utilize a back flow preventer or check valve.

WHV, it just doesn't get any hotter than this!

FLEXCON INDUSTRIES®
A Swan Group Company



WHV

16 - gauge solid steel tank, finished with highest quality urethane paint to stand up to the dampest basement or crawl space.

Pressure tested and backed with a 5-year limited warranty.

CAD-2

CAD-2 diaphragm technology: strong, 100% butyl diaphragm and copolymer polypropylene lower water chamber for maximum water and air separation.

Steel clench ring regulates movement and prevents diaphragm from rubbing against tank wall.

Condensation-reducing design virtually eliminates external corrosion.



Every Flexcon CAD-2 tank has a silver-ion-infused antimicrobial liner to help eliminate possible water born health hazards.



Patented, welded, stainless steel water connection has separate air and water seals.

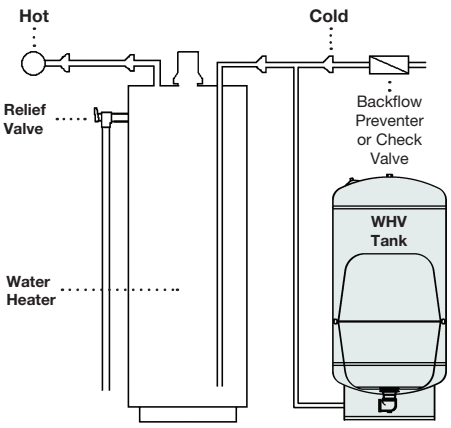


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WHV SERIES

Potable Water
Expansion Tanks

TYPICAL INSTALLATION



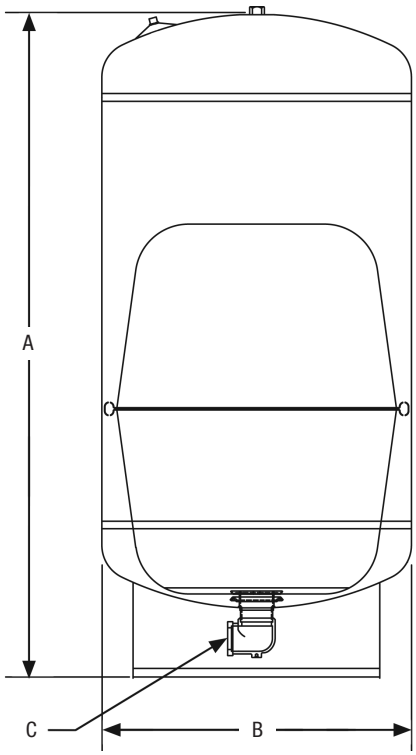
MATERIALS OF CONSTRUCTION

- **Tank:** 16-gauge cold rolled steel
- **Finish:** Appliance-quality paint for indoor or outdoor installation
- **Water chambers:** Top diaphragm is 100% butyl rubber, lower water chamber is anti-microbial, copolymer polypropylene
- **Connection:** Welded stainless steel NPT thread
- **Air valve:** Brass valve with O-ring seal
- **Testing:** High pressure, seam weld, helium, final precharge check
- **Warranty:** 5 year Limited

DIMENSIONS & CAPACITIES

Model	Capacity Gallons	Maximum Acceptance Volume	Dimensions A Height	Dimensions B Diameter	C Connection	Weight
WHV 50	14.0	6.3	21.7	16.0	1" FNPT	32.0
WHV 75	20.0	9.0	28.8	16.0	1" FNPT	39.0
WHV 120	32.0	14.4	27.8	21.0	1 1/4" FNPT	60.0
WHV 165	44.0	19.8	36.2	21.0	1 1/4" FNPT	72.0
WHV 320	85.0	38.3	44.4	26.0	1 1/4" FNPT	140.0

Maximum working pressure 150 PSI. Factory pre-charge 40 PSI. Maximum working temperature 200°F. Note: WHV Series tanks are certified to NSF Standard 61 Cold, but are suitable for temperatures up to 200°F.



QUICK SIZING CHART

Water Heater Size/Volume	Maximum Water Temperature 130° F	140° F	160° F	180° F
175 GALLONS	6.8	25.8	5.9	22.3
200 GALLONS	10.9	41.3	9.4	35.7
240 GALLONS	11.3	42.6	9.7	36.8
260 GALLONS	15.0	56.8	13.0	49.1
280 GALLONS	21.1	80.0	18.3	69.2
300 GALLONS	27.6	104.5	23.9	90.4
350 GALLONS	29.0	109.7	25.1	94.9
400 GALLONS	40.6	153.6	35.1	132.9

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