



## 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!



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.

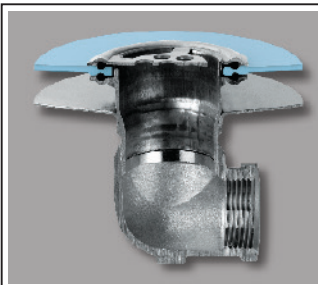
**CAD-2** CAD-2 diaphragm technology: strong, 100% butyl diaphragm and copolymer polypropylene lower water chamber for maximum water and air separation.

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.



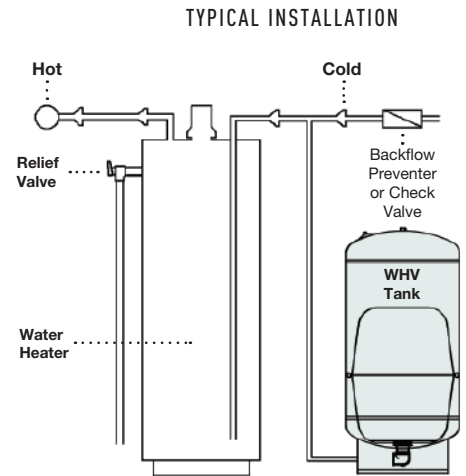


## WHV SERIES

Potable Water  
Expansion Tanks

### 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



### DIMENSIONS & CAPACITIES

| Model   | Capacity Gallons | Maximum Acceptance Volume | Dimensions |            |              | Weight |
|---------|------------------|---------------------------|------------|------------|--------------|--------|
|         |                  |                           | A Height   | B Diameter | C Connection |        |
| 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  |

