

## PH SERIES

### QUICK SIZING CHART

Water Heater Size/Volume	Maximum Water Temperature			
	130° F	140° F	160° F	180° F
30 GALLONS	PH 5	PH 5	PH 5	PH 5
40 GALLONS	PH 5	PH 5	PH 5	PH 5
50 GALLONS	PH 5	PH 5	PH 5	PH 12
60 GALLONS	PH 5	PH 5	PH 5	PH 12
80 GALLONS	PH 5	PH 12	PH 12	PH 12
100 GALLONS	PH 12	PH 12	PH 12	PH 25
120 GALLONS	PH 12	PH 12	PH 12	PH 25
150 GALLONS	PH 12	PH 12	PH 25	PH 25
175 GALLONS	PH 12	PH 25	PH 25	PH 25

\* Consult Factory

Sizing based on water heater recovery from 40F, water supply pressure of 60 PSIG, and relief valve set at 150 PSIG. Adjust tank precharge to equal incoming water pressure.

> [www.flexconind.com](http://www.flexconind.com)  
> 781-986-2424  
> 300 Pond Street  
> Randolph, MA 02368



## FLEXCON PH SERIES

WATER HEATING SYSTEM  
PRESSURE BUILD-UP HAS  
ALL BUT BEEN ELIMINATED.  
(LIKE YOU WERE ACTUALLY  
STAYING UP AT NIGHT  
WORRYING ABOUT IT)

**[ FLEX 2 PRO PH,  
FLEXCON'S PREMIUM WORRY  
FREE WAY TO ELIMINATE  
PRESSURE BUILD-UP IN  
CLOSED HOT WATER  
HEATING SYSTEMS. ]**



Stainless steel water connection to reduce corrosion.

16 gauge solid steel tank, finished with highest quality urethane paint.

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

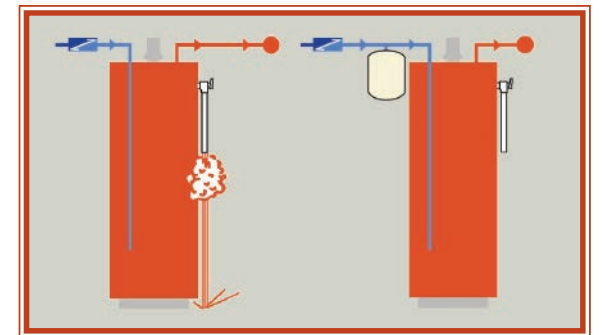
100% Pressure tested and backed with a 1 year limited warranty.

PH series thermal expansion tanks 100% effectively eliminate built up system pressure.

Worrying about water heating system pressure build-up has all but been eliminated.

FLEX 2 PRO PH potable water expansion tanks are designed to maintain safe pressure in domestic water heating systems that utilize a back flow preventer or check valve.

**HERE'S HOW PH TANKS WORK**



Adding a backflow preventer, check valve or water meter with a check valve creates a closed loop system. When water heats up, it expands with no place to go except through the relief valve.

Installing a PH series thermal expansion tank on the cold water inlet provides a reservoir for water expansion. Water safely enters the tank and is released back into the system on demand.

**HERE'S WHAT  
MAKES THEM SPECIAL**

- PH tanks feature a 100% butyl diaphragm and plastic liner to separate the system water from the tank's air precharge.
- The system connection has a stainless steel nipple to prevent corrosion, something no other manufacturer offers.
- Tanks are finished with appliance quality paint which helps prevent external corrosion.
- PH tanks are comprehensively tested and backed by Flexcon's 1 year limited warranty.