



# Model HXT

## Hydronic Expansion Tank

### Application

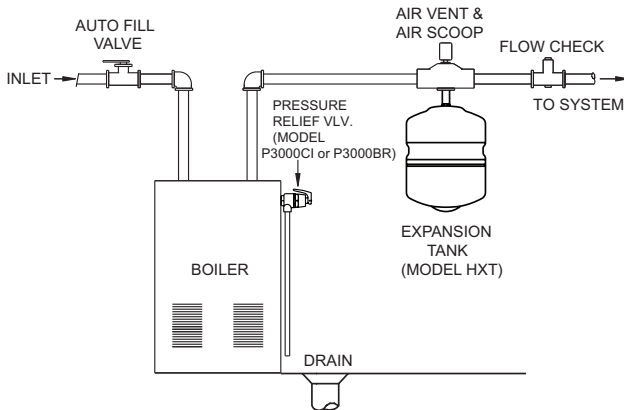
Designed for installation on residential and commercial hydronic heating and cooling systems as a means of pressure control due to thermal expansion.

### Materials

Main body Steel  
 Coatings Epoxy  
 Diaphragm Butyl



### Typical Installation



### Features

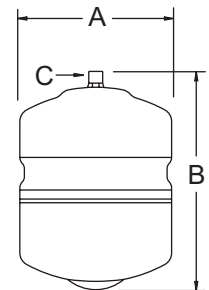
Sizes (liters): 15, 30, 60, 90  
 Fill Pressure ( and air charge pressure) 12 psi  
 Maximum working water pressure 150 psi  
 Maximum working water temperature 210° F  
 Threaded connections (MNPT) ANSI B1.20.1

### Accessories

- 80CI - fast fill regulator
- P3000CI - pressure relief valve
- P3000BR - pressure relief valve
- P1000AXL - pressure relief valve
- 760 - dual check valve with atmospheric vent
- 876CI - combination 80CI and 760

### Dimensions & Weights (do not include pkg.)

TANK DIMENSIONS AND CAPACITIES											
MODEL NUMBER	MAXIMUM WORKING PRESSURE psi	TANK VOLUME (gallons)	MAXIMUM ACCEPTANCE VOLUME (gallons)	FACTORY PRE-CHARGE psi	DIMENSIONS					WEIGHT	
					"A" DIAMETER		"B" HEIGHT		"C" CONNECTION	lbs.	kg
					in.	mm	in.	mm			
HXT-15	150	2.1	1.2	12	8	203	12 1/2	318	1/2 NPT	4.5	2.04
HXT-30	150	4.8	3.5	12	11	280	15	381	1/2 NPT	8	3.63
HXT-60	150	6.0	4.2	12	11	280	16 5/8	423	1/2 NPT	9.5	4.31
HXT-90	150	14	5.6	12	15 1/2	394	19 7/8	505	1/2 NPT	19	8.62



SYSTEM CONTENT (gallons)	AVERAGE SYSTEM TEMPERATURE, (F°)															
	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	
25	15	15	15	15	15	30	30	30	30	30	30	30	60	60	90	
50	15	15	15	30	30	30	30	30	60	90	90	90	90	90	90	
75	15	30	30	30	30	60	60	90	90	90	90	90	90	90	X	
100	15	30	30	30	60	90	90	90	90	90	90	90	X	X	X	
200	30	60	90	90	90	90	90	X	X	X	X	X	X	X	X	
300	60	90	90	90	X	X	X	X	X	X	X	X	X	X	X	
400	90	90	90	X	X	X	X	X	X	X	X	X	X	X	X	
500	90	90	X	X	X	X	X	X	X	X	X	X	X	X	X	

### Capacities

Sizes are based on average systems operating with a reducing valve set at 12 PSI, a relief valve set at 30 PSI and system fill temperature of 40° F.