

Model HXT

Hydronic Expansion Tanks



Installation Maintenance Instructions

SPECIFICATION

Fill pressure (and air charge pressure).....12 PSI
 Max. Temperature.....210° F

TROUBLESHOOTING

IF THE RELIEF VALVE CONTINUES TO RELIEVE:

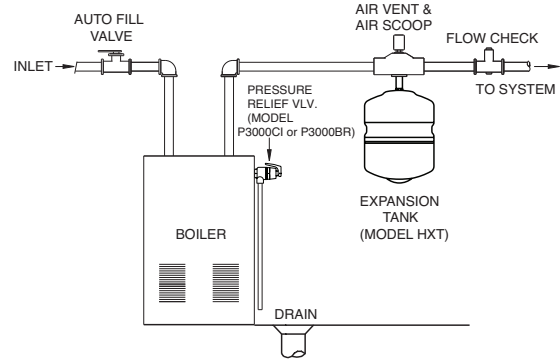
1. Check pressure reducing valve or boiler feed valve for dirt on seat.
2. Check tank air pressure. (System must be depressurized before air pressure can be accurately measured.)
3. Check sizing of tank by calculating correct system capacity and amount of expansion volume required.
4. If more expansion (acceptance) volume is required, either change the tank or add multiples to achieve required expansion (acceptance) volume.

MAINTENANCE

The tank pre-charge should be checked annually. The water pressure must be removed from the tank to prevent a false reading.

1. Shutoff water supply
2. Open a faucet to remove pressure from the system
3. Check tank pressure with a tire gauge. Add air to tank if it doesn't match the incoming water pressure. If the tank pressure is zero or if water discharges from the air valve, then it should be replaced.
4. Turn water supply back on.

TYPICAL INSTALLATION



INSTALLATION

1. It is recommended the Model HXT be installed in the vertical position.
2. All sizes supplied with 1/2" male NPT connection for use with an Air Scoop.
3. After system is filled and air is vented, fire the burner to high limit shut-off.
4. Additional air will vent thru automatic air vents as water is heated.
5. Check the system pressure after water is heated. If pressure is too high, reduce it by drawing water out of system and by lowering the pressure reducing valve setting to 12 PSI

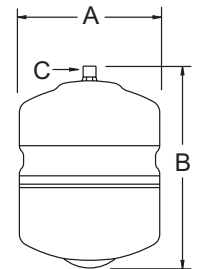
CAPACITIES

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.

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	

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



WARRANTY: ZURN WILKINS Valves are guaranteed against defects of material or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to ZURN WILKINS within 12 months from date of purchase, it will be repaired or replaced free of charge. ZURN WILKINS' liability shall be limited to our agreement to repair or replace the valve only.

WARNING: This product may contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
ADVERTENCIA: Este producto puede contener una sustancia química que el Estado de California como causante de cáncer, defectos de nacimiento y otros daños reproductivos.

WARNING: This product is NOT Lead Free in accordance with U.S. Federal Law and is illegal in the U.S. for use in potable services or to install in water systems anticipated for human consumption.



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