



SINCE 1908
wessels
 company

SUBMITTAL

TX-SERIES

THERMAL EXPANSION TANKS

Models: 5TX thru 180TX

Submittal Sheet No. B-1102A

Date: 4/20

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

Description

Wessels type TX tanks are non-ASME replaceable bladder type pre-charged thermal expansion tanks specifically for potable hot water applications. They are designed to be installed between a backflow preventor and a hot water heater to accept the expanded volume of hot water keeping the system pressure below the relief valve setting. The water is contained in a butyl bladder. Products comply with NSF/ANSI Standard 61.

Construction

Shell: Carbon Steel
 Bladder: Heavy Duty Butyl
 FDA Approved
 NSF 61 Listed
 System Connection: Stainless Steel
 Finish: Baked epoxy

Performance Limitations

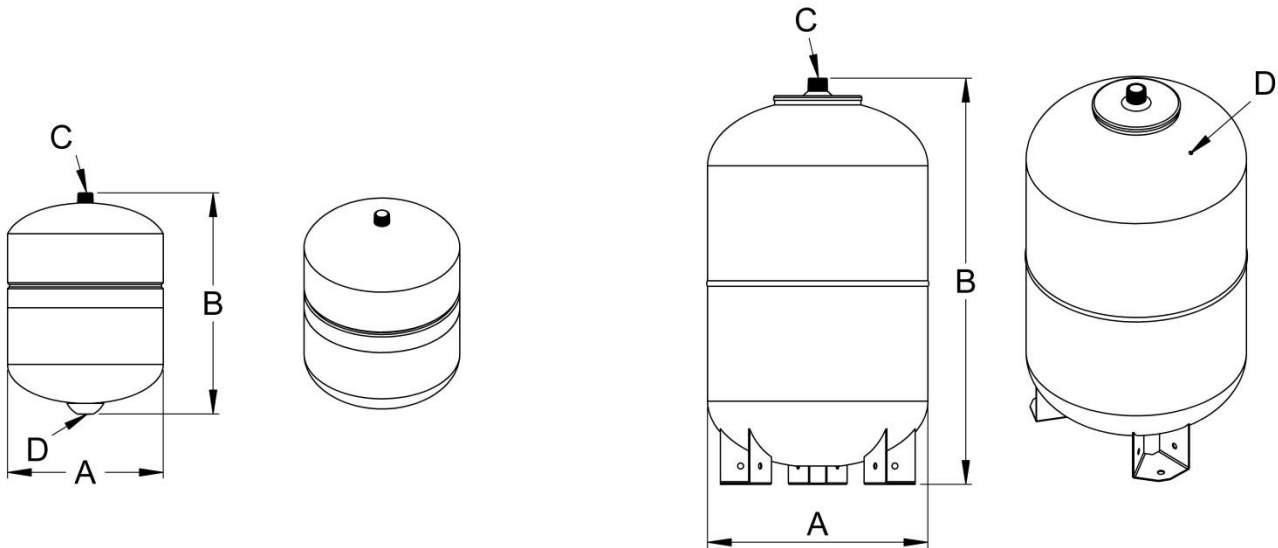
Maximum Design Temperature: 240°F
 Maximum Design Pressure: 150 PSI

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
5TX	33022050	2.1		
12TX	33022120	4.8		
25TX	33022250	10.6		
30TX	33022300	15.8		
42TX	33022420	21.1		
60TX	33022600	26.4		
80TX	33022800	52.8		
180TX	33022900	79.2		

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel thermal expansion tank with replaceable FDA approved butyl bladder. The tank shall have an NPT stainless steel system connection and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. Products comply with NSF/ANSI Standard 61.

Each tank shall be Wessels model number _____TX or approved equal.



5TX & 12TX

25TX thru 180TX

Dimensions & Weights

Model Number	Dimensions In Inches				Approx Shipping Weight (lbs)
	Diameter	Height	System Connection	Charging Valve	
	A	B	C	D	
5TX	7.9	12.9	3/4	0.302" -32NC	6
12TX	10.6	16.2			9
25TX	12.6	22.5	1		22
30TX	15	28.7			31
42TX	17.7	28.9			35
60TX		31.1	45		
80TX	21.6	42.5	1 1/2		84
180TX	24.8	46.3			111

Notes

- Tanks are factory pre-charged at 40 psi and field adjustable.
- Models 25TX thru 180TX are provided with mounting legs.