



SINCE 1908
wessels
 company

SUBMITTAL

TYPE: TXA ASME PRESSURIZED THERMAL EXPANSION TANKS FOR POTABLE HOT WATER

MODELS: TXA 35 THRU TXA 2000

Submittal Sheet No. T-3550

Date 9-02

JOB _____	Wessels Representative _____	
Unit Tag No. _____	Order No. _____	Date _____
Engineer _____	Submitted By _____	Date _____
Contractor _____	Approved By _____	Date _____

DESCRIPTION

Wessels Type TXA Tanks are ASME replaceable bladder type pre-charged thermal expansion tanks for commercial and industrial 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.

CONSTRUCTION

Shell: Carbon steel
 System Connection: Stainless steel
 Bladder: Heavy duty butyl (FDA Approved)

PERFORMANCE LIMITATIONS

Maximum Design Pressure: 150 PSIG*
 Maximum Design Temperature: 240°F

*200 & 250 PSIG available

SCHEDULE

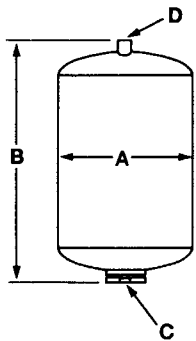
Model Number	Tank & Acceptance Volume Gallons	Tagging Information	Quantity
TXA 35	10		
TXA 50	13		
TXA 85	23		
TXA 130	35		
TXA 200	53		
TXA 300	79		
TXA 400	106		
TXA 500	132		
TXA 600	158		
TXA 800L	211		
TXA 1000	264		
TXA 1200	317		
TXA 1400	370		
TXA 1600	422		
TXA 2000	528		

TYPICAL SPECIFICATIONS

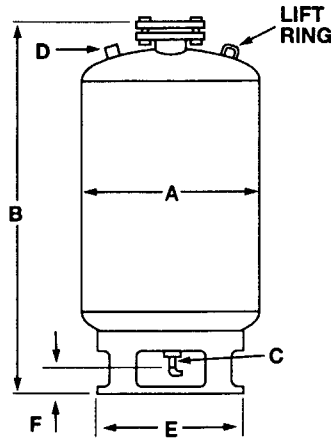
Furnish and install as shown on plans a _____ gallon _____ " diameter X _____ " (high) pre-charged steel thermal expansion tank with replaceable FDA approved butyl bladder. The tank shall have a bottom NPT stainless steel system connection and a .302" - 32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and a floor mounting skirt for vertical installation. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped 150 PSI working pressure.

Each tank shall be Wessels model number TXA _____ or approved equal.

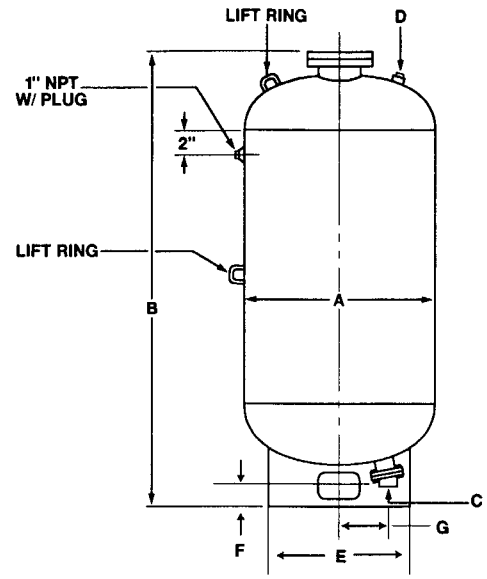
THERMAL EXPANSION TANKS - PRESSURIZED



TXA 35 and TXA 50



TXA 85 thru TXA 800

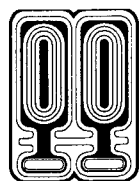


TXA 1000 thru TXA 2000

DIMENSIONS & WEIGHTS

Model Number	Dimensions in Inches							Approx. Ship Wt. (lbs)
	A	B	System Connect C	Charging Valve D	E	F	G	
TXA 35	12	25	3/4	.302" -32NC	-	-	-	40
TXA 50	14	25			-	-	-	50
TXA 85	16	37	1		12	5.25	-	90
TXA 130	20	37			16		-	132
TXA 200	24	43	20		-		220	
TXA 300	24	55	1 1/2		24	4.75	-	236
TXA 400	30	49			26		-	315
TXA 500	30	57	2		26	4.75	-	347
TXA 600	30	65					-	-
TXA 800L	32	76	3		30	8	-	503
TXA 1000	36	87		8			8	795
TXA 1200	36	98		9			9	820
TXA 1400	36	111		9			9	980
TXA 1600	48	84	3	42	9	-	1395	
TXA 2000	48	96				9	9	1525

Note: Tanks are factory pre-charged at 40 psi and field adjustable.
California code-sight glass available on request.



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