



TAXV Series ASME

VERTICAL COMMERCIAL HYDRONIC EXPANSION TANKS

SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model(s)	
Qty.	Notes
Qty.	Notes
Approval	
Service	
Tag No.	

APPLICATION

For use in closed, non-potable hydronic heating and chilled water systems.

Designed to meet all ASME Code Section VIII, Division 1 standards.

Available with optional sight glass and seismic restraints.

Suitable in propylene glycol applications with mixtures up to 505.

Deep drawn models are lighter, stronger, and more compact than traditional head and shell construction.

Model Number	Tank Volume		Max. Accept. Volume		A Tank Diameter		B Tank Height		Sys. Conn.	Shipping Weight	
	Gal	Lit	Gal	Lit	In	mm	In	mm	In	Lbs	Kg
TAXV-15/U	8.6	33	3.2	12.1	12	305	22	559	3/4"1	24	11
TAXV-20/U	16.5	63	11.3	43	15	381	25	636	3/4"1	46	21
TAXV-40/U	23	88	11.3	43	15	381	33	838	3/4"1	66	30

CONSTRUCTION

Shell	ASME Approved Steel
Diaphragm	Heavy Duty Butyl/EPDM
System Connection	NPTF ¹ Malleable Iron Center NPTM ² Steel Pipe, Top Offset
Finish	Red Oxide Primer
Air Valve	Schrader Valve w/EPDM Seats
Factory Precharge	12 PSIG (.8 bar)

PERFORMANCE

Maximum Operating Temperature	240°F (115°C)
Maximum Working Pressure	125 PSIG (8.6 bar)
Warranty	1-Year

HEAD & SHELL ASME MODELS

Model Number /U	Tank Volume		Max. Accept. Volume		A Tank Diameter		B Tank Height		Sys. Conn.	Shipping Weight	
	Gal	Lit	Gal	Lit	In	mm	In	mm	In	Lbs	Kg
TAXV-60	33.6	127.2	11.3	42.8	16	356	45	1143	1/2"1	98	44
TAXV-80	44.4	168.1	22.6	85.5	24	610	29	737	1"1	155	70
TAXV-100	55.7	211.8	22.6	85.5	24	610	34	863	1"1	176	80
TAXV-120	68.0	257.4	34.0	128.7	24	610	47	1194	1"2	214	97
TAXV-144	77.0	291.5	34.0	128.7	24	610	52	1321	1"2	230	104
TAXV-180	90.0	340.7	34.0	128.7	24	610	60	1524	1"2	271	123
TAXV-200	110.0	416.4	34.0	128.7	24	610	66	1676	1"2	290	132
TAXV-240	132.0	500.0	46.0	174.0	30	762	58	1473	1"2	401	182
TAXV-260	158.0	600.0	56.0	212.0	30	762	65	1651	1 1/4"3	460	209
TAXV-280	211.0	800.0	84.0	318.0	30	762	82	2083	1 1/4"3	590	268

OPTIONAL SEISMIC RESTRAINTS

Tank Diameter	Bolt Circle	Dim.	Dim.	Hole Size
B	D	E	F	G
12	12 3/4	2	2	9/16
16 1/4	14 3/4	2	2	9/16
24	18	2	2	9/16
30	27	3	3	3/4

All dimensions and weights are approximate.

