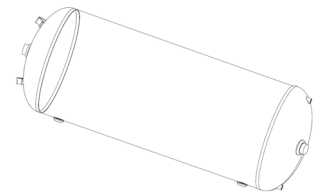




Job Name:		
Job No:	JWC Representative:	
Tag No.:	Submitted By:	Date:
Engineer:	Approved By:	Date:
Contractor:	Order No.:	Date:

JEXR Series

ASME Expansion / Compression Tanks Horizontal / Plain Steel Not for Potable Water Systems



APPLICATION

- JEXR Series plain steel expansion/compression tanks are designed to absorb the expansion forces of heating or cooling system water to maintain the proper system pressurization.

DESIGN PRESSURE AND TEMPERATURE

- Maximum design pressure:
 JEXR-25-101 to 106: 150 PSI (1035 kPa)
 JEXR-25-007 to 022: 125 PSI (862 kPa)
- 175, 200, 250 & 300 PSI available upon request
- Maximum design temperature: 650 F (343° C)

TYPICAL DESIGN SPECIFICATION

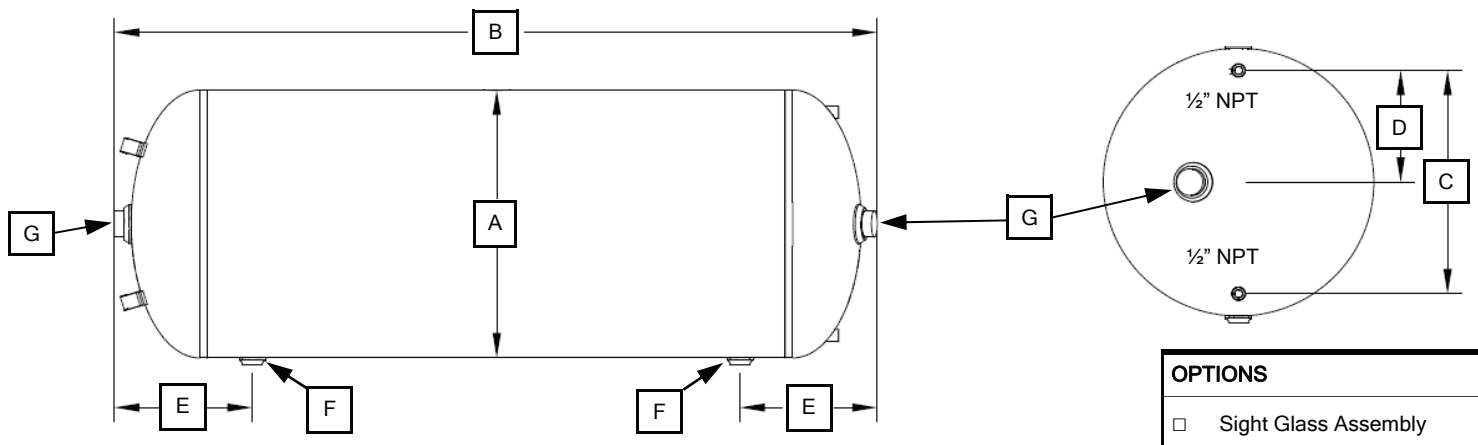
Furnish and install as shown on plans a John Wood Model No. JEXR-25-_____ (_____ gallon / _____ liter) ASME horizontal plain steel expansion/compression tank with a minimum of two NPT full-coupling type gauge glass fittings in the head and two NPT fittings in the shell. The tank must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division 1, with a stamped MAWP of _____ PSI (_____ kPa) and a maximum design temperature of 650°F (343°C).

SPECIFICATIONS

- Designed and built in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: horizontal
- Shell: Carbon Steel with exterior gray primer finish
- Connections: (2) ½" NPT full-coupling type fittings; (2) NPT boss fittings
- Inspection openings are provided on all sizes
- One 12" x 16" manhole assembly is provided on the 42" diameter tanks
- Two sets of ½" NPT full-coupling type fittings are included on the 535, 765, and 1000 gallon sizes.



JEXR Series



- OPTIONS**
- Sight Glass Assembly
 - Air Fitting and Drain
 - Saddles

MODEL NUMBER	MAWP	TANK VOLUME		A DIAMETER		B OVERHEADS		C DIM	D DIM	E DIM	F DIM	G INSP OPENING	TANK WEIGHT
		GAL	L	IN	MM	IN	MM						
JEXR-25-101	150	15	60	12	305	33½	851	8	4	7¼	1	1½	45
JEXR-25-103	150	24	90	12	305	51½	1308	8	4	7¼	1	1½	65
*JEXR-25-104	150	30	110	14	356	46½	1181	10	5	7⅝	1	1½	65
*JEXR-25-105	150	40	150	14	356	62¼	1581	10	5	7⅝	1	1½	85
*JEXR-25-106	150	60	200	16	406	72⅝	1838	12	6	8½	1	1½	115
*JEXR-25-007	125	80	300	20	508	63¼	1607	16	8	9½	1	2	130
*JEXR-25-008	125	100	400	20	508	78½	1994	16	8	9½	1	2	165
*JEXR-25-009	125	120	450	24	610	64¾	1645	20	10	10¾	1	2	200
*JEXR-25-010	125	130	490	24	610	71¾	1822	20	10	10¾	1	2	220
*JEXR-25-012	125	170	645	30	762	62	1575	22	11	12½	1½	2	300
JEXR-25-013	125	215	815	30	762	76¾	1950	22	11	12½	1½	2	355
*JEXR-25-014	125	240	900	30	762	83¾	2127	22	11	12½	1½	2	385
JEXR-25-016	125	280	1060	36	914	71½	1816	28	14	14¾	1½	2	670
JEXR-25-017	125	375	1420	36	914	93½	2375	28	14	14¾	1½	2	790
JEXR-25-018	125	500	1890	36	914	121½	3086	28	14	14¾	1½	2	950
JEXR-25-019	125	325	1230	42	1067	63	1600	28	15	16	2	2	810
JEXR-25-020	125	535	2025	42	1067	99	2515	28	15	16	2	2	1190
JEXR-25-021	125	765	2895	42	1067	138	3505	28	15	16	2	2	1610
JEXR-25-022	125	1000	3815	42	1067	179	4547	28	15	16	2	2	2050

Dimensions are approximate and subject to change
 Dimensions should not be used for pre-piping
 Weights are approximate
 *Stock model

