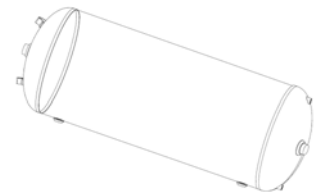




| | | |
|-------------|---------------------|-------|
| Job Name: | | |
| Job No: | JWC Representative: | |
| Tag No.: | Submitted By: | Date: |
| Engineer: | Approved By: | Date: |
| Contractor: | Order No.: | Date: |

JEXG Series

ASME Expansion / Compression Tanks Horizontal / Galvanized Suitable for Potable Water Systems



APPLICATION

- JEXG 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:
JEXG-25-101 to 106: 150 PSI (1035 kPa)
JEXG-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

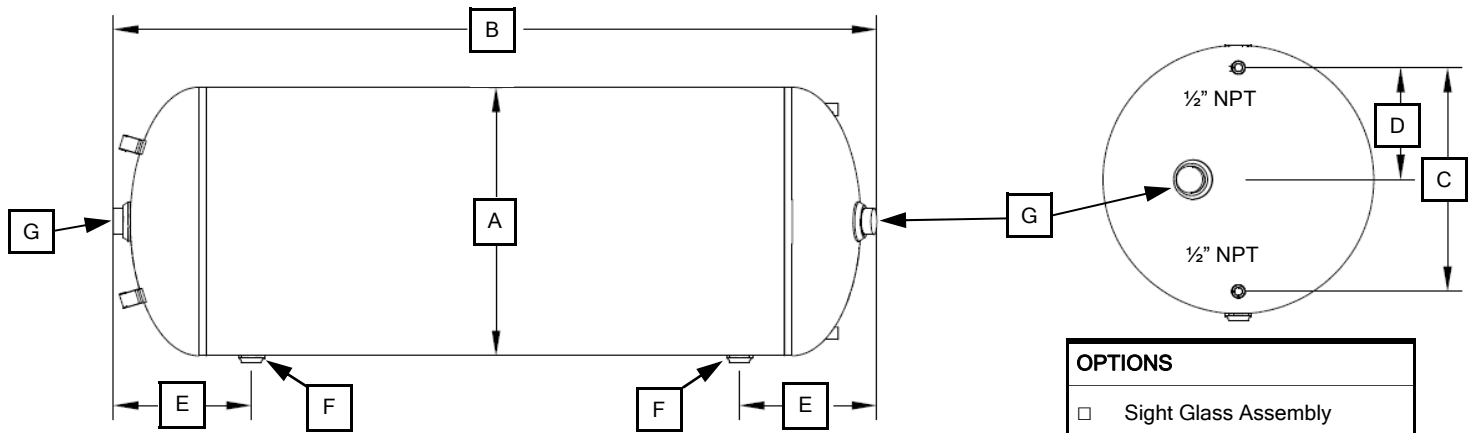
Furnish and install as shown on plans a John Wood Model No. J _____-25-_____ (_____ gallon / _____ liter) ASME horizontal galvanized expansion/compression tank with a minimum of two NPT full-coupling type gauge glass fittings in the head and two NPT fittings in the shell. The tank must be designed and 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: galvanized Carbon Steel
- 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.



JEXG Series



- | OPTIONS | |
|--------------------------|-----------------------|
| <input type="checkbox"/> | Sight Glass Assembly |
| <input type="checkbox"/> | Air Fitting and Drain |
| <input type="checkbox"/> | 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 | | | | | | |
| JEXG-25-101 | 150 | 15 | 60 | 12 | 305 | 33½ | 851 | 8 | 4 | 7¼ | 1 | 1½ | 45 |
| JEXG-25-103 | 150 | 24 | 90 | 12 | 305 | 51½ | 1308 | 8 | 4 | 7¼ | 1 | 1½ | 70 |
| *JEXG-25-104 | 150 | 30 | 110 | 14 | 356 | 46½ | 1181 | 10 | 5 | 7⅝ | 1 | 1½ | 75 |
| *JEXG-25-105 | 150 | 40 | 150 | 14 | 356 | 62¼ | 1581 | 10 | 5 | 7⅝ | 1 | 1½ | 95 |
| *JEXG-25-106 | 150 | 60 | 200 | 16 | 406 | 72⅝ | 1838 | 12 | 6 | 8½ | 1 | 1½ | 115 |
| *JEXG-25-007 | 125 | 80 | 300 | 20 | 508 | 63¼ | 1607 | 16 | 8 | 9½ | 1 | 2 | 130 |
| JEXG-25-008 | 125 | 100 | 400 | 20 | 508 | 78½ | 1994 | 16 | 8 | 9½ | 1 | 2 | 156 |
| *JEXG-25-009 | 125 | 120 | 450 | 24 | 610 | 64¾ | 1645 | 20 | 10 | 10¾ | 1 | 2 | 200 |
| JEXG-25-010 | 125 | 130 | 490 | 24 | 610 | 71¾ | 1822 | 20 | 10 | 10¾ | 1 | 2 | 225 |
| JEXG-25-012 | 125 | 170 | 645 | 30 | 762 | 62 | 1575 | 22 | 11 | 12½ | 1½ | 2 | 300 |
| JEXG-25-013 | 125 | 215 | 815 | 30 | 762 | 76¾ | 1950 | 22 | 11 | 12½ | 1½ | 2 | 355 |
| JEXG-25-014 | 125 | 240 | 900 | 30 | 762 | 83¾ | 2127 | 22 | 11 | 12½ | 1½ | 2 | 385 |
| JEXG-25-016 | 125 | 280 | 1060 | 36 | 914 | 71½ | 1816 | 28 | 14 | 14¾ | 1½ | 2 | 670 |
| JEXG-25-017 | 125 | 375 | 1420 | 36 | 914 | 93½ | 2375 | 28 | 14 | 14¾ | 1½ | 2 | 790 |
| JEXG-25-018 | 125 | 500 | 1890 | 36 | 914 | 121½ | 3086 | 28 | 14 | 14¾ | 1½ | 2 | 950 |
| JEXG-25-019 | 125 | 325 | 1230 | 42 | 1067 | 63 | 1600 | 28 | 15 | 16 | 2 | 2 | 810 |
| JEXG-25-020 | 125 | 535 | 2025 | 42 | 1067 | 99 | 2515 | 28 | 15 | 16 | 2 | 2 | 1190 |
| JEXG-25-021 | 125 | 765 | 2895 | 42 | 1067 | 138 | 3505 | 28 | 15 | 16 | 2 | 2 | 1610 |
| JEXG-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

