

## Submittal Data

# ASME EXPANSION TANK POTABLE / TXA SERIES

Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Sales Rep.: \_\_\_\_\_


Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Order No.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Notes: \_\_\_\_\_

|                                                                 |                           |                                                       |                                             |
|-----------------------------------------------------------------|---------------------------|-------------------------------------------------------|---------------------------------------------|
| <b>QUANTITY</b>                                                 | <input type="text"/>      | <b>MAXIMUM PRESSURE</b>                               | <input type="checkbox"/> 150 PSI / 1034 kPa |
| <b>MODEL</b>                                                    | TXA- <input type="text"/> |                                                       | <input type="checkbox"/> 175 PSI / 1207 kPa |
| <input type="checkbox"/> <b>OPTION</b>                          |                           | <input type="checkbox"/> 250 PSI / 1724 kPa           | <input type="checkbox"/> 300 PSI / 2068 kPa |
| Seismic bracket<br>Suffix "VB" (fits models TXA-85 to TXA-2000) |                           | <input type="checkbox"/> Other*: <input type="text"/> |                                             |

\*Subject to the manufacturer's approval.

- Replaceable bladder**
- Bottom connection**

- ▶ Replaceable butyl bladder ultra resistant CSA approved conforms to the NSF61 standard
- ▶ Construction conforms to ASME Section VIII
- ▶ Water remains permanently separated from air for the entire duration of the life of the reservoir
- ▶ Air precharged at factory; pressure adjustable on site

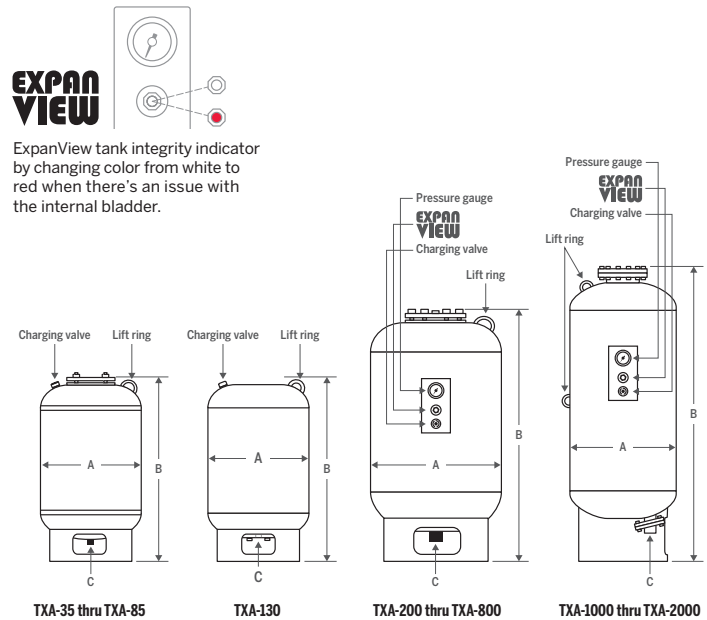


**TECHNICAL SPECIFICATIONS**

- ▶ Stainless steel connection
- ▶ Maximum design temperature: 240°F (115°C)
- ▶ Air precharged at factory at 40 PSI
- ▶ Maximum design pressure 150 PSI
- ▶ Maximum pressure of 175, 250 and 300 PSI also available

### TYPICAL SPECIFICATIONS

Furnish and install, as shown on the plans a \_\_\_\_\_ gallons/liters \_\_\_\_\_ in/mm diameter x \_\_\_\_\_ in/mm (high) air precharged steel hydro-pneumatic tank with a \_\_\_\_\_ in/mm diameter system connection and a replaceable heavy-duty butyl bladder, Calefactio's model TXA-\_\_\_\_\_ ASME air precharged thermal expansion tank. The tank shall have a bottom NPT stainless steel system connection and a 0.302"-32 charging valve (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 base 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.



| Model#   | Total Volume |      | Dimensions |      |     |      | NPT Connect. |    | Weight |     |
|----------|--------------|------|------------|------|-----|------|--------------|----|--------|-----|
|          |              |      | A          |      | B   |      | C            |    | lb     | kg  |
|          | gal          | L    | in         | mm   | in  | mm   | in           | mm |        |     |
| TXA-35   | 8            | 30   | 12         | 305  | 28  | 711  | 1            | 25 | 40     | 18  |
| TXA-50   | 13           | 49   | 12         | 305  | 36  | 914  | 1            | 25 | 50     | 23  |
| TXA-85   | 23           | 87   | 16         | 406  | 37  | 940  | 1            | 25 | 90     | 41  |
| TXA-130  | 35           | 132  | 16         | 406  | 50  | 1270 | 1            | 25 | 132    | 60  |
| TXA-200  | 53           | 201  | 24         | 610  | 43  | 1092 | 1½           | 38 | 210    | 95  |
| TXA-300  | 79           | 299  | 24         | 610  | 55  | 1397 | 1½           | 38 | 225    | 102 |
| TXA-400  | 106          | 401  | 30         | 762  | 49  | 1245 | 1½           | 38 | 300    | 136 |
| TXA-500  | 132          | 500  | 30         | 762  | 57  | 1448 | 2            | 51 | 335    | 152 |
| TXA-600  | 158          | 598  | 30         | 762  | 65  | 1651 | 2            | 51 | 360    | 163 |
| TXA-800L | 211          | 799  | 32         | 813  | 76  | 1930 | 2            | 51 | 475    | 215 |
| TXA-1000 | 264          | 999  | 36         | 914  | 87  | 2210 | 3            | 76 | 735    | 333 |
| TXA-1200 | 317          | 1200 | 36         | 914  | 98  | 2489 | 3            | 76 | 745    | 338 |
| TXA-1400 | 370          | 1401 | 36         | 914  | 111 | 2819 | 3            | 76 | 900    | 408 |
| TXA-1600 | 422          | 1597 | 48         | 1219 | 84  | 2134 | 3            | 76 | 1210   | 549 |
| TXA-2000 | 528          | 1999 | 48         | 1219 | 96  | 2438 | 3            | 76 | 1305   | 592 |

To obtain a tank of higher capacity and greater pressure, contact the manufacturer.