



SINCE 1908  
**wessels**  
 company

**SUBMITTAL**

**FXT WessView-SERIES**

HYDRO-PNEUMATIC TANK

Models: FXT-400W thru FXT-480W

Submittal Sheet No. C-1012B

Date: 4/16

|                  |                    |            |
|------------------|--------------------|------------|
| Job Name _____   | Submitted By _____ | Date _____ |
| Location _____   | Approved By _____  | Date _____ |
| _____            | Order No. _____    | Date _____ |
| Engineer _____   | Notes _____        |            |
| Contractor _____ |                    |            |
| Sales Rep. _____ |                    |            |

**Description**

Wessels type FXT WessView tanks are ASME fixed diaphragm type pre-charged hydro-pneumatic tanks equipped with a WessView tank integrity indicator for commercial and industrial well and water systems, booster systems, or other potable water applications. They are designed to deliver water under pressure between pump cycles to provide sufficient flow to meet demands. The water is contained in a butyl diaphragm. All FXT WessView tanks can be installed vertically or horizontally.

**Construction**

Shell: Carbon Steel  
 Bladder: Heavy Duty Butyl (FDA Approved)  
 System Connection: Epoxy Lined

**Performance Limitations**

Maximum Design Temperature: 240°F  
 Maximum Design Pressure: 200 PSIG\*

\* 250 PSIG available



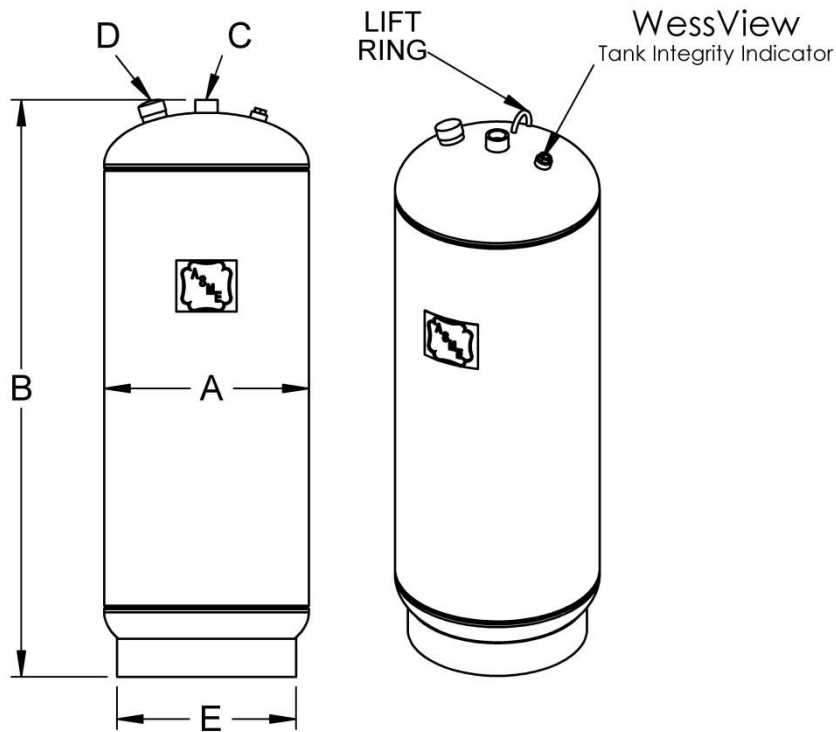
Listed  
 Material

| Model Number | Part Number | Tank Volume (Gallons) | Acceptance Volume (Gallons) | Tagging Information | Quantity |
|--------------|-------------|-----------------------|-----------------------------|---------------------|----------|
| FXT-400W     | 21009999W   | 8                     | 6.3                         |                     |          |
| FXT-401W     | 21010000W   | 15                    | 11.9                        |                     |          |
| FXT-402W     | 21010005W   | 25                    | 19.8                        |                     |          |
| FXT-403W     | 21010010W   | 35                    | 27.5                        |                     |          |
| FXT-404W     | 21010015W   | 70                    | 55.5                        |                     |          |
| FXT-405W     | 21010020W   | 90                    | 71                          |                     |          |
| FXT-415W     | 21010025W   | 115                   | 91                          |                     |          |
| FXT-440W     | 21010030W   | 140                   | 111                         |                     |          |
| FXT-460W     | 21010032W   | 160                   | 127                         |                     |          |
| FXT-480W     | 21010034W   | 210                   | 166                         |                     |          |

**Typical Specification**

Furnish and install, as shown on plans, a \_\_\_\_\_ gallon \_\_\_\_\_" diameter X \_\_\_\_\_" (high) pre-charged steel hydro-pneumatic tank with a fixed heavy-duty butyl diaphragm equipped with a WessView tank integrity indicator. The tank shall be equipped with a NPT system connection and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Wessels model number FXT- \_\_\_\_\_W or approved equal.



FXT-400W thru FXT-480W

**Dimensions & Weights**

| Model Number | Dimensions in Inches |    |                   |                |    | Approx. Ship Wt. (lbs) |
|--------------|----------------------|----|-------------------|----------------|----|------------------------|
|              | A                    | B  | System Connection | Charging Valve | E  |                        |
|              |                      |    | C                 | D              |    |                        |
| FXT-400W     | 12                   | 20 | 3/4               | 0.302-32 NC    | 10 | 34                     |
| FXT-401W     | 16                   | 25 | 1                 |                | 14 | 64                     |
| FXT-402W     |                      | 33 |                   |                | 84 |                        |
| FXT-403W     |                      | 45 |                   |                | 97 |                        |
| FXT-404W     | 24                   | 47 | 1 1/2             |                | 20 | 259                    |
| FXT-405W     |                      | 53 |                   |                |    | 283                    |
| FXT-415W     |                      | 67 |                   |                |    | 325                    |
| FXT-440W     |                      | 79 |                   |                |    | 362                    |
| FXT-460W     | 30                   | 62 |                   |                | 24 | 591                    |
| FXT-480W     |                      | 80 |                   |                |    | 752                    |

**Notes**

- Tanks are factory pre-charged at 30 psi and field adjustable.
- Lifting rings on models FXT-402W through FXT-480W.
- Available with mounting clips.