

SINCE 1908
wessels
 company

SUBMITTAL

EP-FXA-SERIES
 SEVERE SERVICE EPOXY LINED
 HYDRO-PNEUMATIC TANK

Models: EP-FXA-700

Submittal Sheet No. H-1013A

Date: 4/16

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

Description

Wessels type EP-FXA-700 severe service tank is an epoxy lined, interior and exterior, carbon steel, ASME replaceable bladder type pre-charged hydro-pneumatic tank for commercial and industrial well and water systems, booster systems, or other potable water applications. They are designed for systems that require internal and external protection that is more robust than traditional fabricated plain steel designs. This construction allows for delivery of water under pressure between pump cycles to provide sufficient flow to meet demands. The water is contained in a butyl bladder. All FXA hydro-pneumatic tanks can be installed vertically or horizontally.

Construction

Shell: Carbon Steel
 Bladder: Heavy Duty Butyl
 Interior/Exterior: NSF Listed Epoxy

Performance Limitations

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

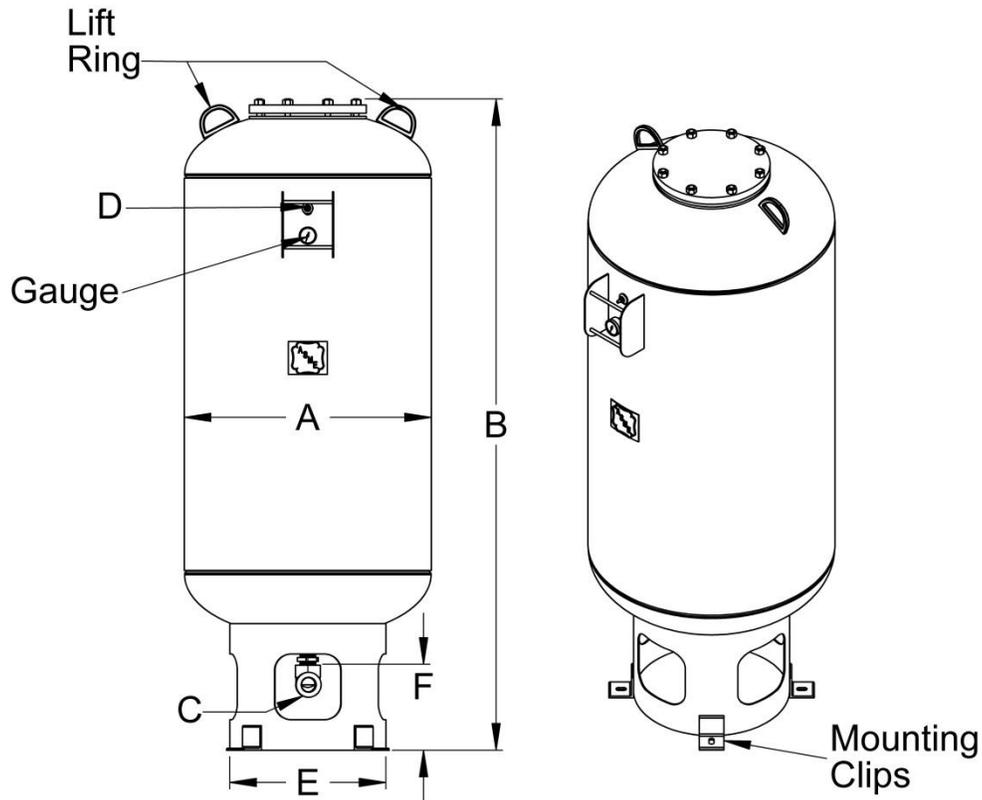
* 250 PSIG available

| Model Number | Part Number | Tank Volume (Gallons) | Tagging Information | Quantity |
|--------------|-------------|-----------------------|---------------------|----------|
| EP-FXA-700 | 27010700 | 185 | | |

Typical Specification

Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" (high) pre-charged steel hydro-pneumatic tank with heavy-duty butyl bladder. The interior and exterior shall be properly prepared and shall be epoxy lined with a NSF listed two part epoxy coating. Epoxy coating will be continuous over the entire surface of the tank. The tank shall have bottom NPT system connections 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 shall have a 1/4" NPT connection for relief valve and air pressure gauge. The tank will have a lifting ring and a floor mounting skirt for vertical installation. The tank must be constructed in accordance with most recent addendum of Section VIII of the ASME Boiler and Pressure Vessel Code.

The tank shall be Wessels model number EP-FXA-700 or approved equal.



EP-FXA-700

Dimensions & Weights

| Model Number | Dimensions in Inches | | | | | | | Approx. Ship Wt. (lbs) |
|--------------|----------------------|----|-------------------|----------------|----|--------|----------------|------------------------|
| | A | B | System Connection | Charging Valve | E | F | Pressure Gauge | |
| | | | C | D | | | | |
| EP-FXA-700 | 30 | 80 | 1 1/2 | .302"-32 NC | 19 | 13 3/4 | 1/4 | 600 |

Notes

- Tanks are factory pre-charged at 30 psi and field adjustable.