Wessels FXA Tanks are ASME replaceable bladder type pre-charged hydro-pneumatic tanks for commercial and industrial well and water systems, booster systems, or other non-heated 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 bladder. All FXA tanks can be installed vertically or horizontally.

NEXT LEVEL INTELLIGENCE

- Pressure gauge integrated
- WessView® bladder integrity monitor included
- WessGuard® proximity sensor port adaptable
- Easy-access air valve
- Tamper-resistant secure guard mount
- Designed and fabricated in accordance with ASME Boiler & Pressure vessel code
- Products comply with NSF/ANSI Standard 61
- Replaceable heavy-duty butyl bladder (other materials available)
- Standard design pressure is 125 psi (8.6 bar)
- Available in carbon steel, 304 or 316L stainless steel
- Factory pre-charged and field adjustable
- Never waterlogs
- Separation of water and air
- Full flow design compatible
- Higher pressure ratings available
- Wessels Company Patented Design US 8,633,825 B2
### FXA-85 thru FXA-800L

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>G</th>
<th>MAX WORKING PRESSURE</th>
<th>SHIPPING WEIGHT (lbs)</th>
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<tr>
<td>FXA-35</td>
<td>12</td>
<td>23 1/2</td>
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<td>37</td>
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**Note:**
- Tanks are factory pre-charged at 40 psi and field adjustable.
- California code-sight glass is available upon request.
- Both top and bottom connections (C and D) access the bladder.
- Available with mounting clips.

**TYPICAL SPECIFICATION**

Furnish and install, as shown on plans, a __________ gallon __________” diameter X __________” (high) pre-charged steel hydropneumatic pressure tank with heavy-duty butyl bladder. The tank shall have multiple water-side connections to promote full-flow to eliminate stagnate water within the tank, a 0.302”-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements, a pressure gauge, and WessView® bladder integrity monitor. The tank must contain a port for WessGuard® proximity sensor monitor. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code, and rated for 125 psig.

Each tank shall be Wessels model number FXA-______________ or approved equal.

**UPGRADE TO SMART WESSGUARD® TANK PROTECTION**

Wessels Type FXA-WG Smart Tanks are ASME removable bladder type pre-charged, hydropneumatic expansion tanks, with patented WessGuard® bladder monitor. They are designed to accept and deliver water under pressure between pump cycles to provide sufficient flow to meet demands while limiting pump cycles.

The system's water is contained in a heavy-duty bladder preventing tank corrosion and waterlogging problems. If the bladder extends beyond the normal movement, WessGuard® monitor will activate an audible LED alarm and energy management system to notify maintenance staff of a potential system issue.