ASME Expansion Tanks

SERIES B FULL ACCEPTANCE
PRE-CHARGED BLADDER TANKS

• Increases System Performance
• Reduces Oxygen Corrosion
• Prevents Waterlogging
• Replaceable Bladder
• Meets ASME Section VIII, Division 1 Standards
• 125 PSI Working Pressure Standard
• High Maximum Operating Temperature 240°F
• Seismic Restraints Available
• Sight Glass Available
• Higher Working Pressure of 175 PSI & 250 PSI Available

Designed for Closed Hydronic Heating and Cooling Systems

Bell & Gossett
a xylem brand
Series B Full acceptance Tanks

DESCRIPTION
Series B expansion tanks are ASME rated pre-charged bladder-type pressure vessels. The Series B tank is designed to absorb the expansion forces of heating/cooling system water while maintaining proper system pressurization under varying operating conditions. The heavy duty bladder contains system water thereby eliminating tank corrosion and waterlogging problems.

OPERATING DATA
Maximum working pressure ........... 125 PSI (862kPa)
Maximum operating temperature ....... 240°F (115°C)

MATERIALS OF CONSTRUCTION
System Connection: Forged Steel
Shell: Carbon Steel
Bladder: Heavy Duty Butyl Rubber

Designed and Constructed per ASME Section VIII, Division 1

Dimensions: Gallons (Ltrs.), Inches (mm), Weights: LBS (KG)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>MODEL NUMBER</th>
<th>TANK VOLUME</th>
<th>ACCEPTANCE VOLUME</th>
<th>A</th>
<th>B (NPT)</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>APPROX. SHP. WT.</th>
<th>APPROX. WT. 100% FULL*</th>
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*Approximate weight 100% full occurs if bag fails or if air charge is lost. Refer to submittals for optional seismic restraints.

TYPICAL HYDRONIC HEATING/COOLING APPLICATION

NOTE: Tanks are factory pre-charged at 12 PSI (83kPa).