APPLICATION

- Hydro-pneumatic tanks help protect the pump and pressure switches against short cycling.
- The tanks are designed to deliver water under pressure between pump cycles to meet demand.
- JBPR Series tanks improve the system operation and extend the pump motor service life by reducing surge pressures, dampening pressure spikes, and minimizing pump run-times.

SPECIFICATIONS

- Designed and built in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: vertical
- Shell: Carbon Steel with exterior gray primer finish
- System connection: FNPT top mounted Stainless Steel coupling (with galvanized flow tube)
- Replaceable bladder: high quality butyl rubber, NSF/ANSI Standard 61 bladders are available
- Full acceptance bladder
- Maximum acceptance volume is approximately 90% of the tank capacity
- Air charge valve: ¼” Schrader charging valve, top mounted with protective guard
- Maximum precharge pressure with standard flow tube: 80 PSI (optional high precharge flow tube is required for precharge pressures above 80 PSI – not included with the standard design)
- Standard factory precharge: 12 PSI

Furnish and install as shown on plans John Wood Model No. JBPR-22-_______ (_______ gallon / _____ liter) ASME pre-charged vertical steel hydro-pneumatic tank with replaceable heavy duty butyl rubber bladder. The tank shall have a top mounted ____” SS FNPT system connection and a charging valve connection (Schrader valve) with full guard to facilitate on-site charging of the tank to meet system requirements. The tank shall be fitted with a lifting lug and base designed for vertical installation. The tank must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division I, with a stamped MAWP of 125 PSI (862 kPa) and a maximum design temperature of 240°F (115°C).
## JBPR Series / Type I

### Options
- High Precharge Flow Tube (required for precharge pressures above 80 PSI)
- California Code Sight Glass
- Seismic Design

### Dimensions
- Dimensions are approximate and subject to change
- Dimensions should not be used for pre-piping
- Weights are approximate
- *Stock model

### Models and Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>MAWP (PSIG)</th>
<th>Tank Volume (GAL)</th>
<th>A Diameter (IN)</th>
<th>B Overheads (IN)</th>
<th>C System Conn. (INCH FNPT)</th>
<th>D Base Diameter (IN)</th>
<th>Tank Weight (LBS)</th>
<th>Tank Weight (KG)</th>
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