**LB361-LU**

**LB Series**
**Liquefied Gas Transfer and Vapor Recovery**

**Gas**
(See chart on bottom right)

**Inlet**

**Outlet**

**Compressor Construction**
Ductile Iron Cylinder
Buna-N O-Rings
Aluminum Gaskets

**Driver:**
Electric motor, Diesel Engine, Gasoline Engine, or LPG Engine

**Accessories**
Liquid Trap with Mechanical Float
Suction Strainer
4-Way Flow Control Valve
Discharge Relief Valve
Pressure Gauges for suction and discharge gas pressures and crankcase oil pressure

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**Installation Example**

The LB361-LU gas compressor is used in countries all over the world to transfer propane, butane and anhydrous ammonia quietly and efficiently. The -LU mounting includes a liquid trap to prevent entry of liquid into the compressor and a 4-way flow control valve which allows vapors to be recovered after all the liquid has been transferred. Available options include pressure switches, temperature switches, trap liquid level switches, electric motors or engine drivers, and electrical control panels.

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<table>
<thead>
<tr>
<th>Gas</th>
<th>Propane C₃H₈</th>
<th>Butane C⁴H₁₀</th>
<th>Anhydrous Ammonia NH₃</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW</td>
<td>44.09</td>
<td>58.12</td>
<td>17.03</td>
</tr>
<tr>
<td>n Value</td>
<td>1.13</td>
<td>1.09</td>
<td>1.31</td>
</tr>
<tr>
<td>Vapor Pressure @ 40°F (4.4°C) @ 90°F (32.2°C)</td>
<td>63 psig (4.3 bar-g)</td>
<td>3 psig (0.2 bar-g)</td>
<td>56 psig (3.9 bar-g)</td>
</tr>
<tr>
<td></td>
<td>147 psig (10.1 bar-g)</td>
<td>28 psig (1.9 bar-g)</td>
<td>160 psig (11.0 bar-g)</td>
</tr>
<tr>
<td>Typical Transfer Rate</td>
<td>150 - 210 gpm</td>
<td>120 - 150 gpm</td>
<td>150 to 210 gpm</td>
</tr>
<tr>
<td></td>
<td>565 - 795 lpm</td>
<td>455 - 565 lpm</td>
<td>565 - 795 lpm</td>
</tr>
<tr>
<td>Typical Driver Size</td>
<td>15 HP (11 kw)</td>
<td>10 HP (7.5 kw)</td>
<td>15 HP (11 kw)</td>
</tr>
</tbody>
</table>