**Ebsray RC Series – Models RC20 & RC25**

Regenerative Turbine Pump for LPG Applications

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**Design**

The Ebsray RC Series Regenerative Turbine Pumps are designed and precision-built for high-pressure transfer of LPG, autogas, propane, and butane.

**Applications**

- LPG Autogas dispensers, single or two hoses (RC25)
- Industrial dispensing
- Autogas refueling
- Marine dispensing
- Portable tanks
- Cylinder filling
- Forklift refueling
- Direct burner or vaporizer feed

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**Features & Benefits**

- Quiet, vibration-free operation
- Low maintenance, single-stage impeller
- Close coupled to standard NEMA C-face motors. IEC C-face adapters available.
- Simple installation with C-face close coupled mounting
- Versatile 3-port arrangement, self-venting design
- Bypass valve connection port direct on pump
- Balanced mechanical seal, unique cartridge design for simplicity of assembly/maintenance
- Throttle bushing for secondary sealing

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**Assured Quality & Performance**

ISO 9001 Quality System assures compliance with the high safety and quality standards demanded by the LPG industry

Pumps are listed by Underwriters Laboratories for LP-gas service.

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![Model RC25](image-url)
Ebsray RC Series – Models RC20 & RC25
Regenerative Turbine Pump for LPG Applications

Maximum Operating Limits

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Flow Rate (at 3,500 rpm)</th>
<th>Differential Pressure (at 3,500 rpm)</th>
<th>Hydrostatic Test Pressure</th>
<th>Power</th>
<th>Pump Speed</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>gpm</td>
<td>L/min</td>
<td>psi</td>
<td>bar</td>
<td>psi</td>
<td>bar</td>
</tr>
<tr>
<td>RC20</td>
<td>15.9</td>
<td>60</td>
<td>200</td>
<td>14</td>
<td>1,015</td>
<td>70</td>
</tr>
<tr>
<td>RC25</td>
<td>27.7</td>
<td>150</td>
<td>200</td>
<td>14</td>
<td>1,015</td>
<td>70</td>
</tr>
</tbody>
</table>

Porting:
Inlet: NPT 1" 90° and/or 180°
Discharge: NPT 1" 90° and/or 180°

Typical Installations

Performance

![Performance Graph]

Typical Installations

Bypass valve Model RV18
Pump model RC25
Bypass valve Model RV18
Pump model RC25

Authorized PSG® Partner:

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