**GL-500**

500 GALLON JACKETED GLASS-LINED STEEL REACTOR

### Specifications

**Vessel Design Pressure (psig)** 130 and F.V.

**Jacket Design Pressure (psig)** 100 or 100 w/ Int. F.V.

**Design Temperature (°F)** 500

**Jacket Heating Area (sq. ft.)** 80

### Dimensions (inches)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>57 3/4</td>
</tr>
<tr>
<td>B</td>
<td>12 1/8</td>
</tr>
<tr>
<td>C</td>
<td>82</td>
</tr>
<tr>
<td>D</td>
<td>155 1/4</td>
</tr>
<tr>
<td>E</td>
<td>43</td>
</tr>
<tr>
<td>F (I.D.)</td>
<td>48</td>
</tr>
<tr>
<td>G (O.D.)</td>
<td>53 1/8</td>
</tr>
</tbody>
</table>

**H (nozzle elevations):**

- 3” nozzle: 11
- 4” nozzle: 11 1/4
- 6” nozzle: 12 1/4

### Capacity (gallons)

- **Working** 500
- **Total Volume** 572
- **Head Volume** 62
- **Per Inch Straight Side** 8

### Weight (pounds)

- **Bare Body (no accessories)** 5,000
- **Complete (with drive system)** 6,100
- **Add for Shipping** 1,000

### Series 60 Drive

- **Motor** 5HP
- **Motor Type** XP
- **Drive Size** 61Q06

- **Three Year Warranty**
- **Low Noise Level**
- **Helical Gearing**

### GlasLock® Agitator

- **Span (inches)** 26
- **Speed (standard speed)** 125 RPM

- **Clockwise or Counterclockwise Rotation**
- **Optional Low Level Agitation**

---

De Dietrich Process Systems, Inc.

244 Sheffield Street
Mountainside, NJ 07092

P 908.317.2585
F 908.889.4960
sales@ddpsinc.com

De Dietrich Process Systems GmbH
Hattenbergstraße 36
D-55122 Mainz
Tel.: +49 (0) 61 31/97 04-0
Fax: +49 (0) 61 31/97 04-500
mail@qvf.de
www.qvf.com

Copyright © De Dietrich Process Systems, Inc. All rights reserved. The information contained in this brochure is believed to be reliable general guidelines for consideration of the products and services described herein. The information is general in nature and should not be considered applicable to any specific process or application. De Dietrich Process Systems, Inc. expressly disclaims any warranty, expressed or implied of fitness for any specific purpose in connection with the information contained herein.