

# SA-1000

## 1,000 GALLON JACKETED GLASS-LINED STEEL REACTOR



### Specifications

Vessel Design Pressure (psig)	100 and F.V.
Jacket Design Pressure (psig)	90 or 90 w/ Int. F.V.
Design Temperature (°F)	500
Jacket Heating Area (sq. ft.)	127

### Dimensions (inches)

A	70 <sup>3</sup> / <sub>4</sub>
B	15 <sup>5</sup> / <sub>8</sub>
C	102
D	184 <sup>1</sup> / <sub>2</sub>
E	38 <sup>3</sup> / <sub>4</sub>
F (I.D.)	61 <sup>7</sup> / <sub>16</sub>
G (O.D.)	66 <sup>15</sup> / <sub>16</sub>
H (nozzle elevations):	
3" nozzle (on the cover)	22 <sup>1</sup> / <sub>4</sub>
4" nozzle	14
8" nozzle	15 <sup>1</sup> / <sub>4</sub>

### Capacity (gallons)

Working	1,000
Total Volume	1,163
Head Volume	130
Per Inch Straight Side	12.8

### Weight (pounds)

Bare Body (no accessories)	8,300
Complete (with drive system)	9,900
Add for Shipping	1,500

### Series 60 Drive

Motor	10HP
Motor Type	XP
Drive Size	62Q08

- Three Year Warranty
- Low Noise Level
- Helical Gearing

### GlasLock® Agitator or Retreat Curve Impeller

Span (inches)	29 <sup>1</sup> / <sub>2</sub> / 44
Speed (standard speed)	125 RPM
<ul style="list-style-type: none"> <li>• Clockwise or Counterclockwise Rotation</li> <li>• Optional Low Level Agitation</li> </ul>	

