

# SA-5000 5,000 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.)	351

## Dimensions (inches)

A	108 <sup>3</sup> / <sub>16</sub>
B	27 <sup>3</sup> / <sub>8</sub>
C	163 <sup>7</sup> / <sub>16</sub>
D	278 <sup>11</sup> / <sub>16</sub>
E	34 <sup>15</sup> / <sub>16</sub>
F (I.D.)	107 <sup>15</sup> / <sub>16</sub>
G (O.D.)	114 <sup>3</sup> / <sub>16</sub>
H (nozzle elevations):	
6" nozzle	23 <sup>1</sup> / <sub>4</sub>
12" nozzle	25 <sup>3</sup> / <sub>4</sub>

## Capacity (gallons)

Working	5,000
Total Volume	5,698
Head Volume	694
Per Inch Straight Side	39

## Weight (pounds)

Bare Body (no accessories)	36,525
Complete (with drive system)	40,950
Add for Shipping	2,000

## Series 60 Drive

Motor	40HP
Motor Type	XP
Drive Size	64Q16

- Three Year Warranty
- Low Noise Level
- Helical Gearing

## GlasLock® Agitator or Retreat Curve Impeller

Span (inches)	47 <sup>1</sup> / <sub>4</sub> / 60
Speed (standard speed)	100 RPM
• Clockwise or Counterclockwise Rotation	
• Optional Low Level Agitation	

