



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

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 ¹ / ₂ / 44
Speed (standard speed)	125 RPM
• Clockwise or Counterclockwise Rotation	
• Optional Low Level Agitation	

