

**CTJ-100**  
**100 GALLON JACKETED**  
**GLASS-LINED STEEL REACTOR**

**Specifications**

Vessel Design Pressure (psig)	150 and F.V.
Jacket Design Pressure (psig)	115 or 100 w/ Int. F.V.
Design Temperature (°F)	500
Jacket Heating Area (sq. ft.)	25.5

**Dimensions (inches)**

A	36 1/4
B	14 1/2
C	54 5/8
D	122 5/8
F (I.D.)	32
G (O.D.)	37 3/8
H (nozzle elevations)	4"

**Capacity (gallons)**

Working	100
Total Volume	145.5
Head Volume	18.5
Per Inch Straight Side	3.5

**Weight (pounds)**

Bare Body (no accessories)	1,550
Complete (with drive system)	2,060
Add for Shipping	400

**Lenze® Helical Gear Drive**

Motor	3HP
Motor Type	XP
Drive Size	GST07 2D VCR 5E
• Low Noise Level	

**Pitch Blade Turbine Agitator**

Span (inches)	16
Blade Angle	45°
Speed (standard speed)	27 to 156 RPM
• Clockwise Rotation	

