

CTJ-20 OPTIMIX®
20 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.)	8.5

Dimensions (inches)

A	19 ⁵ / ₁₆
B	6
C	28 ¹¹ / ₁₆
D	84 ¹³ / ₁₆
E	4 ⁵ / ₈
F (I.D.)	19 ¹ / ₄
G (O.D.)	23 ⁵ / ₈
H (nozzle elevations)	
1 1/2" nozzle	5
2" nozzles	5 ¹ / ₂
J (nozzle radius)	
1 1/2" nozzle	7 ¹ / ₄
2" nozzles	7 ³ / ₄

Capacity (gallons)

Working	20
Total Volume	24
Head Volume	3
Per Inch Straight Side Jacket	1.25
Jacket	8

Weight (pounds)

Bare Body (no accessories)	745
Complete (with drive system)	960
Add for Shipping	150

Lenze® Helical Gear Drive

Motor	1.5HP
Motor Type	XP
Drive Size	GST05 2N VCR 5D
• Low Noise Level	

Pitch Blade Turbine Agitator

Span (inches)	10
Blade Angle	45°
Speed (standard speed)	214 RPM
• Clockwise Rotation	

