

**Note: Data Sheet For Reference Only - Actual Chamber May Vary Depending on Model Year, Options, Controllers, and Individual Configuration**

**NOTE:** Additions of certain options will effect performance

Temperature Range: -73°C (-100°F) to 190°C (375°F) Cascade -34°C (-30°F) to 190°C (375°F) Single Stage
Temperature Stability: +/-1°C (+/-2°F) at steady state condition after stabilization
Temperature Performance <u>Cascade</u> Temperature pulldown from 23°C (75°F) to: -40°C (-40°F) in 20 minutes -54°C (-65°F) in 25 minutes -68°C (-90°F) in 35 minutes  <u>Single Stage</u> Temperature pulldown from 23°C (75°F) to: -18°C (0°F) in 10 minutes -34°C (-30°F) in 20 minutes  Temperature heatup from 23°C (75°F) to: +93°C (200°F) in 15 minutes                      +190°C (375°F) in 35 minutes
Live Load Capacity: <u>Cascade</u> 1500 watts at -40°C (-40°F) 1100 watts at -54°C (-65°F) <u>Single Stage</u> 1700 watts at -18°C (0°F) 760 watts at -34°C (-30°F)
<u>Interior Dimensions</u> 760mm (30in)W x 760mm (30in)D x 760mm (30in)H
<u>Exterior Dimensions</u> 1040mm (41in)W x 1450mm (57in)D x 1960mm (77in)H (Addition of certain accessories may increase dimensions)
Shipping Weight Cascade: 500kg (1750 lbs.)                      Single Stage: 476kg (1650 lbs.)
Utility Requirements: 208/230 volt (+/-5%), 60 Hz. Z-16-S -1 phase, 35 full load amperes                      -3 phase, 31 full load amperes Z-16-C -1 phase, 51 full load amperes                      -3 phase, 39 full load amperes
Heat Rejection: Approximately 9,000 watts (30,000 BTU/hr) maximum during cooling operation
<u>Included Accessories:</u> <ul style="list-style-type: none"><li>• Viewing window, 13 1/2 H x 20 1/2 W</li><li>• Interior light with switch</li><li>• Casters, heavy-duty, 75mm (3in) wheel</li><li>• Access port, 70 mm (2.875 in.)</li><li>• Shelf supports</li><li>• Refrigeration service taps</li><li>• Communications port</li></ul>

CSZ - Cincinnati Sub-Zero Model Z-16 Temperature Chamber Specifications