

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

MODEL Z-8 SPECIFICATIONS

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 30 minutes -68°C (-90°F) in 45 minutes
<u>Single Stage</u>	Temperature pulldown from 23°C (75°F) to: -18°C (0°F) in 15 minutes -34°C (-30°F) in 32 minutes
	Temperature heatup from 23°C (75°F) to: +93°C (200°F) in 10 minutes +190°C (375°F) in 25 minutes
Live Load Capacity:	
<u>Cascade</u>	800 watts at -40°C (-40°F) 500 watts at -54°C (-65°F)
<u>Single Stage</u>	800 watts at -18°C (0°F) 290 watts at -34°C (-30°F)
<u>Interior Dimensions</u>	610mm (24in)W x 610mm (24in)D x 610mm (24in)H
<u>Exterior Dimensions</u>	889mm (35in)W x 1300mm (51in)D x 1960mm (77in)H (Addition of certain accessories may increase dimensions)
Shipping Weight	Single Stage: 386kg (850 lbs.) Cascade: 432kg (950 lbs.)
Utility Requirements:	208/230 volt (+/-5%), 60 Hz.
	Z-8-S -1 phase, 24 full load amperes -3 phase, 22 full load amperes
	Z-8-C -1 phase, 33 full load amperes -3 phase, 23 full load amperes
Heat Rejection:	Approximately 4,500 watts (15,000 BTU/hr) maximum during cooling operation
<u>Included Accessories:</u>	<ul style="list-style-type: none">• Viewing window, 13 1/2 H x 20 1/2 W• Interior light with switch• Casters, heavy-duty, 75mm (3in) wheel• Access port, 70 mm (2.875 in.)• Shelf supports• Refrigeration service taps• Communications port
<u>Included Instruments:</u>	<ul style="list-style-type: none">• CSZ Dimension II Custom Logic Controller

CSZ - Cincinnati Model Z-8 Temperature Chamber Specifications