NOTE: Additions of certain options will effect performance

MODEL Z-16 SPECIFICATIONS

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
Cascade
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

Single Stage
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:
Cascade
1500 watts at -40°C (-40°F)
1100 watts at -54°C (-65°F)

Single Stage
1700 watts at -18°C (0°F)
760 watts at -34°C (-30°F)

Interior Dimensions:
760mm (30in)W x 760mm (30in)D x 760mm (30in)H

Exterior Dimensions:
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
Z-16-C - 1 phase, 51 full load amperes

Heat Rejection: Approximately 9,000 watts (30,000 BTU/hr) maximum during cooling operation

Included Accessories:
- Viewing window, 13 1/2 H x 20 1/2 W
- Interior light with switch
- Casters, heavy-duty, 75mm (3in) wheel
- Access port, 70mm (2.875 in.)
- Shelf supports
- Refrigeration service taps
- Communications port

Included Instruments:
- CSZ Dimension II Custom Logic Controller

For Quality Refurbished Equipment With A 100% Warranty
Contact LR Environmental Equipment
800-574-2748  323-770-0634
LRE.com

Model Z-16 Temperature Chamber Specifications LR Environmental Equipment Co. LRE.com