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LR
ENVIRONMENTAL EQUIPMENT COMPANY, INC.

THERMOTRON TEST CHAMBER SE-600-10-10 DIMENSIONS AND FACILITIES DATA

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

VOLUME	20.7 cubic feet (586 liters)
WORKSPACE DIMENSIONS	40" wide X 26¼" deep X 34" high (102 cm wide X 67 cm deep X 86 cm high), clear, usable workspace (except for instrument sensors).
OVERALL CHAMBER MOVE-IN DIMENSIONS	48" wide X 61" deep X 82" high (122 cm wide X 155 cm deep X 208 cm high). Certain accessories may increase dimensions, contact factory if required.
HEATED WINDOW	15" wide X 19" high (38 cm wide X 48 cm high)
COMPRESSOR	Two 10 horsepower scroll compressors in cascade
CHAMBER HEATER	16 KW
AIRFLOW	Approximately 1000 CFM
CIRCULATOR MOTOR	One ½ horsepower, 1725 RPM
SHIPPING WEIGHT	Approximately 1700 pounds (771 KG)
CONSTRUCTION MATERIAL	Internal liner is constructed of 18 gauge, series 300 stainless steel. Exterior is constructed of die-formed 16 gauge treated sheet steel.
ELECTRICAL POWER*	230 volt (±5%), 3 phase, 60 cycle; recommended minimum service is 90 amps -or- 460 volt (±5%), 3 phase, 60 cycle; recommended minimum service is 50 amps (select one). *NOTE: Customer's power supply must be hard-wired to the chamber. A power cord with plug is not included.
COOLING WATER	16 GPM at 85°F inlet water temperature 9 GPM at 75°F inlet water temperature 6 GPM at 65°F inlet water temperature Minimum pressure is 30 PSI Maximum pressure is 125 PSI

THERMOTRON TEST CHAMBER SE-600-10-10 PERFORMANCE

TEMPERATURE RANGE	-70°C to +180°C (-95°F to +355°F)
COOLING PERFORMANCE	(With no static or dynamic load) From +85°C (+185°F) to -40°C (-40°F) in 11 minutes From 71°C (160°F) to -65°C (-85°F) in 17 minutes From 180°C (358°F) to -65°C (-85°F) in 28 minutes (With 50 lb. static load) Product Temperature Changes: From 85°C (185°F) to -40°C (-40°F) in 25 minutes From 71°C (160°F) to -65°C (-85°F) in 30 minutes
HEATING PERFORMANCE	(With no static or dynamic load) From -40°C (-40°F) to +85°C (+185°F) in 8 minutes From -65°C (-85°F) to +71°C (+160°F) in 9 minutes From -65°C (-85°F) to +180°C (+355°F) in 19 minutes (With 50 lb. static load) Product Temperature Changes: From -40°C (-40°F) to +85°C (+185°F) in 25 minutes From -65°C (-85°F) to +71°C (+160°F) in 26 minutes
LIVE LOAD CAPACITY	At 0°C (+32°F), 4000 watts At -54°C (-65°F), 3000 watts
TEMPERATURE CONTROL TOLERANCE	The chamber conditioning and circulating equipment enables a temperature control tolerance within ±0.3°C (±0.5°F) dry bulb temperatures from control point after stabilization at the control sensor.
TEMPERATURE UNIFORMITY	The chamber conditioning and circulating equipment enables a temperature uniformity of ±0.7°C. This is a standard deviation from the mean, measured at -25°C and +100°C.

NOTES: Chambers are designed for use under normal laboratory conditions of 23°C (75°F) and 50% relative humidity, on operation of 230 volt three phase 60 Hz power. For other applications, please consult factory.

The quoted unit will be used in a non-hazardous process. The unit is not designed for use with or for the purpose of processing hazardous materials.

Chambers are not designed for open petroleum products in the chamber.

Used Refurbished - Warranteed Test Chambers Available at LR Environmental 800-574-2748
323-770-0634 Visit Our Web Site To View Inventory www.LRE.com