



LLS QUICK VIEW · TRUE SCIENTIFIC

## True Scientific TSCI-1200CR-SLG-M-WW-1A 2°C to 10°C Chromatography Refrigerator, 1204 L / 42.5 cu ft, Slide Glass Door

SKU TSCI-1200CR-SLG-M-WW-1A · Cold Storage · Chromatography Refrigerators



### QUICK VIEW

True Scientific  
TSCI-1200CR-SLG-M-WW-1A: 1204 L (42.5 cu ft), chromatography refrigerator, 2-10°C, 0.7°C uniformity, slide glass door. Request a quote.

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| INTERNAL VOLUME        | TEMPERATURE RANGE                                   |
| 1204 L (42.5 cu ft)    | 2°C to 10°C                                         |
| TEMPERATURE UNIFORMITY | TEMPERATURE STABILITY                               |
| 0.7°C                  | 1.7°C                                               |
| SHELVES                | NUMBER OF DOORS                                     |
| 14                     | 2                                                   |
| REFRIGERANT            | EXTERNAL DIMENSIONS...                              |
| R290                   | 54 1/8 x 29 3/4 x 81 3/4"<br>(1375 x 756 x 2076 mm) |
| CRATED WEIGHT          | VOLTAGE / FREQUENCY                                 |
| 550 lb (249 kg)        | 115V / 60Hz                                         |
| AMPERAGE               | LLS PRICE                                           |
| 2.8A                   | \$8,326.50                                          |

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| Project Name | Location | Item # | Quantity | Model # | AIA # | SIS # |
|--------------|----------|--------|----------|---------|-------|-------|
|--------------|----------|--------|----------|---------|-------|-------|



## FEATURES

- Expertly designed air circulation and refrigeration systems ensure temperature stability and uniformity throughout the cabinet, meeting CDC guidelines and eliminating hot and cold spots that could put your contents at risk.
- Adjustable perforated and non-peel white coated steel shelves, ideal for storing large containers as well as vials and tubes.
- True Scientific products use R290, a natural refrigerant that is future-proof and sets sustainability standards while providing increased efficiency and reduced operating cost.
- Reliability you can count on with best-in-class warranty – 3 year labor, 5 year parts, 7 year compressor warranty
- Self-Cleaning condenser technology reduces the need for cleaning the condensing coil, reduces energy consumption, and helps maintain the tightest temperatures.
- Battery backed-up digital display of current temperature with alarms for high/low temp, power failure, sensor failure and door ajar.
- Simulated Temperature Monitoring measured in a glycol-filled bottle to simulate actual product temperature.
- Chromatography models have a temperature probe port in the rear of the unit, 2 inch access ports on either side, and an internal duplex outlet.

## PERFORMANCE SPECIFICATIONS

|                                    |                  |      |
|------------------------------------|------------------|------|
| Usable Capacity (cu. ft.) (Liters) | 42.5             | 1204 |
| Temperature Range (min - max)      | 2°C              | 10°C |
| Temperature Set Point              | 5°C              |      |
| Temperature Uniformity             | 0.7°C            |      |
| Temperature Stability              | 1.7°C            |      |
| Energy Star Certified              | Yes              |      |
| NSF 456 Certified                  | Yes <sup>1</sup> |      |
| Energy Usage (kWh)                 | 3.812            |      |
| Daily Rejected Heat (BTU/Hr)       | 1155             |      |

## DIMENSIONS & CONSTRUCTION

|                                                         |                                                 |       |
|---------------------------------------------------------|-------------------------------------------------|-------|
| External Dimensions<br>W" x D" x H (in.) (mm)           | 54 1/8 x 29 3/4 x 81 3/4<br>(1375 x 756 x 2076) |       |
| Number of Doors                                         | 2                                               |       |
| Door Type / Swing or Slide                              | Glass                                           | Slide |
| Number of Shelves / Type of Shelves                     | 14 Full                                         |       |
| Shelf Dimensions (W x D in.)<br>/ Shelf Capacity (lbs.) | Full Shelf                                      |       |
|                                                         | 24 3/8 x 21 1/8                                 | 92    |
| Probe Port(s) / Diameter (in.)                          | 1                                               | 0.625 |
| Access Port(s) / Diameter (in.)                         | 2                                               | 2     |
| Internal Outlet                                         | Duplex Outlet 12A Max                           |       |
| Castors or Leg Levelers                                 | 2.5 in. Castors                                 |       |
| Crated Weight (lbs) (kg)                                | 550                                             | 249   |
| Refrigerant                                             | R290                                            |       |

## ELECTRICAL DATA

|                     |            |      |
|---------------------|------------|------|
| Voltage / Frequency | 115V       | 60Hz |
| Amperage            | 2.8A       |      |
| Plug Type           | NEMA 5-15P |      |

Specifications subject to change without notice. Chart dimensions rounded up to the nearest 1/8" (millimeters rounded up to next whole number).

<sup>1</sup> Meets NSF 456 performance standards; calibrated probe currently not offered.

\*\*Width does not include 7/8" (23mm) each side for access ports.

† Depth does not include 3/8" (16mm) for rear system mechanical components.



|           |              |
|-----------|--------------|
| APPROVALS | AVAILABLE AT |
|-----------|--------------|

## STANDARD FEATURES

### Refrigeration System

- Refrigeration system specifically designed to maintain cabinet temperatures between 2°C - 10°C (36°F - 50°F).
- Expertly designed airflow system controls temperature uniformity throughout the cabinet within +/- 1°C.
- Self-contained, capillary tube system using environmentally friendly R290 hydrocarbon refrigerant that has zero (0) ozone depletion potential (ODP), & 0.02 global warming potential (GWP).
- Reciprocating hermetic compressor paired with forced air copper tube, aluminum fin condenser.
- Automatic defrost.
- State-of-the-art, electronically communicated evaporator and condensing fan motors. Produces less heat, reduces energy consumption, and provides more efficient airflow.
- Operating conditions: Maximum relative humidity 60% for temperatures from 15°C - 32°C (59°F - 90°F).
- Indoor use only
- CDC compliant

### Cabinet Construction

- **Exterior** - non-peel or chip white powder coated cold rolled steel; durable and permanent. White aluminum back.
- **Interior** - attractive, white aluminum interior liner with a stainless steel floor.
- **Insulation** - entire cabinet structure is foamed-in-place using a high density polyurethane insulation that has zero ozone depletion potential (ODP) and zero global warming potential (GWP).
- 0.625 Inch diameter probe access port in the back of the unit.
- LED interior lighting, provides more even lighting throughout the cabinet.
- Remote alarm contacts

### Shelving

- Powder-coated, perforated sheet metal shelves adjustable in 1/2 inch (13 mm) increments. 7 shelves total.
- Four (4) stainless steel shelf clips are included per shelf.

### Door

- Low-E, double pane thermal insulated glass door assemblies with mitered plastic channel frames. The latest in energy efficient technology.
- Each door fitted with 12" (305 mm) long handle.
- Smooth, consistent, self closing doors.
- Door ajar alarm

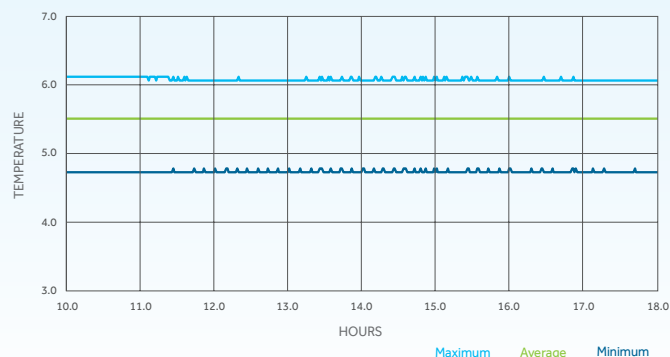
### Electrical

- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.

### Optional Features/Accessories (upcharge and lead times may apply)

- Stainless steel interior
- Stainless steel exterior
- Additional perforated sheet metal shelves
- Wire shelves
- 6" standard legs
- 6" seismic legs

### UNIFORMITY & STABILITY



## PLAN VIEW

