



LLS QUICK VIEW · TRUE SCIENTIFIC

True Scientific TSCI-1000R-G-PH~TSL01 RX3 2P1D1M NS Chromatography Refrigerator, 1082 L / 38.2 cu ft

SKU TSCI-1000R-G-PH~TSL01 RX3 2P1D1M NS · Cold Storage · Chromatography Refrigerators



QUICK VIEW

True Scientific TSCI-1000R-G-PH~TSL01 RX3 2P1D1M NS: 1082 L (38.2 cu ft), chromatography refrigerator, 2-8°C, 0.8°C uniformity. Request a quote.

INTERNAL VOLUME	TEMPERATURE RANGE
1082 L (38.2 cu ft)	2°C to 8°C
TEMPERATURE UNIFORMITY	TEMPERATURE STABILITY
0.8°C	0.7°C
SHELVES	NUMBER OF DOORS
14	2
REFRIGERANT	EXTERNAL DIMENSIONS...
R290	47 1/8 x 29 7/8 x 78 5/8" (1197 x 759 x 1997 mm)
CRATED WEIGHT	VOLTAGE / FREQUENCY
495 lb (224.5 kg)	115V / 60Hz
AMPERAGE	ENERGY STAR CERTIFIED
2.8A	Yes
LLS PRICE	
\$8,040.18	

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Model | TSCI-1000R-G-PH~TSL01 RX3 2P1D1M NS

Designed for Laboratory Pharmacy/Vaccine Applications

Product Protection

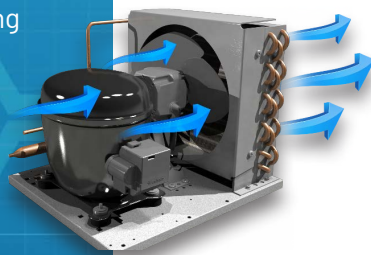
- Electronic temperature control with digital display.
- Temperature measured in a glycol-filled bottle displayed on the control to simulate actual product temperature.
- Audible and visual high/low temperature alarm.
- Door ajar alarm.
- Logs high and low cabinet temperature.
- Power Failure and Sensor Failure alarm.
- Control has a battery backup feature.
- Temperature Probe access port.

R290 refrigerant

- Uses environmentally friendly R290 hydrocarbon refrigerant.
- Zero (0) ozone depletion potential (ODP).
- Zero (0) global warming potential (GWP).

Self Cleaning Technology

Reverse Condensing Fan Motor Technology allows for the reversal of the condensing fan motor, helping to keep the condensing coil clean and reduce energy consumption by as much as 20%.



LED Lighting

LED interior lighting provides more even lighting throughout the cabinet and is safety shielded.



Advanced Technology

with built-in antimicrobial properties to protect the handle.



Energy Efficiency

Exceeds Energy Star Energy Requirements for Lab Grade Refrigeration by **72%**



Unit Features

- 2.5" Castors
- Two 2" Diameter Access Ports
- GFI protected 12A Max duplex outlet
- Chromatography Mast

High Capacity Refrigeration System

- Meets CDC guidelines.
- High capacity, factory balanced refrigeration system that maintains cabinet temperatures of 2°C to 8°C (36°F to 46°F).
- True's air flow system is designed to promote air circulation throughout the entire cabinet.



STANDARD FEATURES



AB_245798_03.25

Refrigeration System

- State of the art, electronically commutated evaporator and condenser fan motors. ECM motors operate at higher peak efficiencies and move a more consistent volume of air which produces less heat, reduces energy consumption and provides greater motor reliability.

Cabinet Construction

- **Exterior** – non-peel or chip white powder coated cold rolled steel; durable and permanent.
- **Interior** – attractive white aluminum liner with 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).
- Welded, heavy duty steel frame rail, white powder coated for corrosion protection.
- Frame rail fitted with leg levelers.

Doors

- “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 extruded handle. Advanced technology with built-in antimicrobial properties to protect the handle.
- Self closing doors. Positive seal, torsion type closure system.
- Magnetic door gaskets of one piece construction, removable without tools for ease of cleaning.

Shelving

- Fourteen (14) powder-coated, perforated sheet metal shelves 22 5/16" D x 20 7/8" W (566 mm x 530 mm).
- Shelf support pilasters made of same material as cabinet interior; shelves are adjustable in 1/2" (13 mm) increments.

Electrical

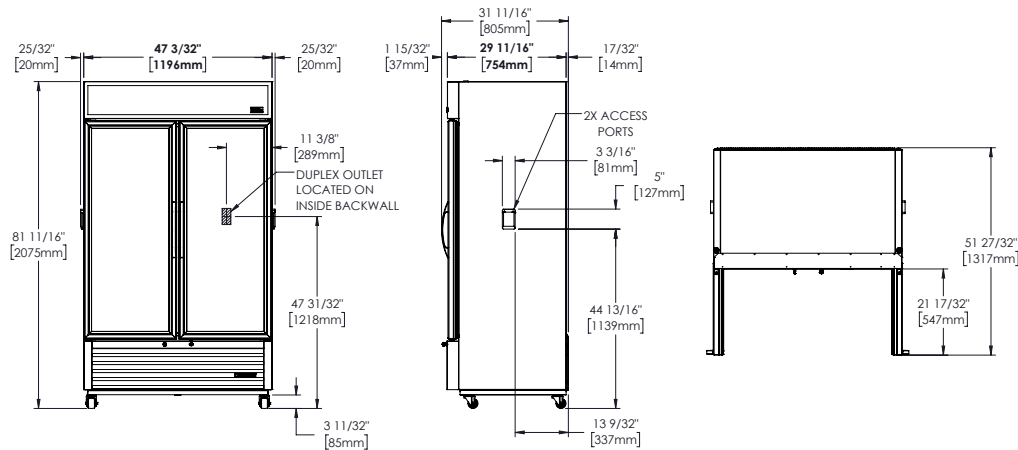
- Unit completely pre-wired at factory and ready for final connection to a 115/60/1 phase, 15 amp dedicated outlet. Cord and plug set included.



Options

- Additional shelves
- External Alarm Relay
- Stainless steel exterior and interior
- Castors
- Internal duplex outlet (1D)
- Wire shelves
- Chromatography mast

PLAN VIEW DRAWINGS



Model	Doors	Shelves	Cabinet Dimensions (inches) (mm)			HP	Voltage	Amps	NEMA Config.	Cord Length (total ft) (total m)	Crated Weight (lbs) (kg)
			W	D†	H						
TSCI-1000R-G-PH-TSL01 RX3 2PID1M NS	2	14	47 1/8	29 7/8	78 5/8	1/4	115/60/1	2.8	5-15P	9	495
			1197	759	1997	N/A		N/A		2.74	224.5

Temp Uniformity (°C) (°F)	Temp Stability (°C) (°F)	Energy Usage (kWh)	Daily Rejected Heat (BTU/hr)	Temp Range (min) (max)	Energy Star Certified	Internal Volume (cu. ft.) (Liters)	Probe Port(s) / Diameter (in.)	Temp. Set Point (°C) (°F)
0.8	0.7	2.403	762	2°C	Yes	38.2	1	5
				8°C		1082	0.625	41

† Depth does not include 1/2" (37 mm) for door handle or 5/8" for rear mechanical components.

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