

# STANDARD COMPACT LABORATORY REFRIGERATORS

## Series Overview

The standard compact laboratory refrigerators are used for a variety of scientific and medical applications. These refrigerators feature a digital microprocessor temperature controller which allows for precise management necessary for critical samples and supplies. The premier compact laboratory refrigerators feature a digital microprocessor temperature controller which allows precise management necessary for critical samples and supplies. Refrigerators have a forced air directional system which provides superior temperature uniformity and recovery after door openings.

## SCLR10-SD

This laboratory refrigerator is a solid single swing door chamber designed for maximum capacity while still allowing passage through most commercial doorways.

## Performance

Unit comes standard with a temperature range of 1° C to 10° C. Quick recovery via forced air plenum/ refrigeration system. Automatic cycle defrost prevents product damaging temperature spikes. Products designed to operate in ambient room temperatures not to exceed 75° F / 50% RH.

## Control System

All series models comes standard with a digital microprocessor controller providing a readout of actual and set-point values. This chamber comes with audible/visual alarms, high and low temperature alarms with remote alarm contacts.

## Warranties

These chambers come with a two year parts and labor warranty, plus an additional three year compressor parts warranty.



The Standard Compact Laboratory Refrigerators take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.



## Construction

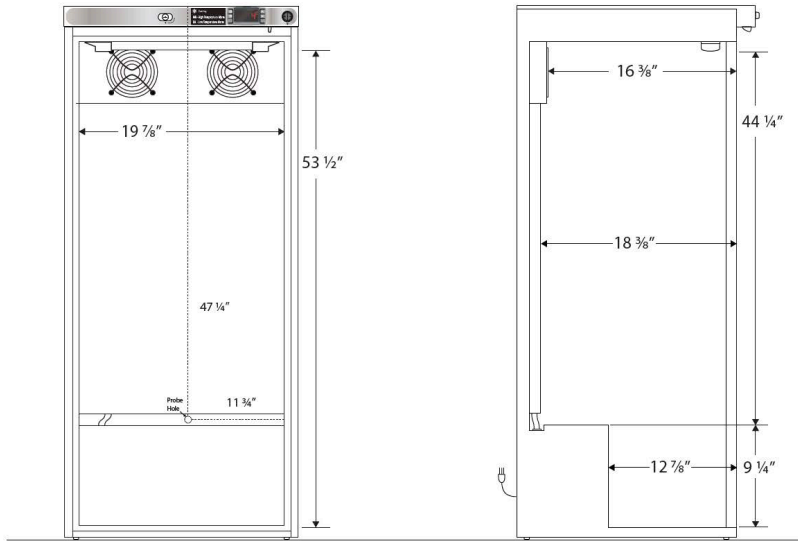
Laboratory refrigerator is constructed of powder coated exterior.

- 6 adjustable shelves with guard rail on back to prevent product from being pushed against back wall
- 3/8" probe access port
- Single swing solid door, self-closing (energy efficient, double pane vacuum insulated), right hinged, not reversible
- Magnetic door gasket for positive seal with keyed door lock
- Leveling legs
- LED interior light
- Bottom footed shelf to allow air circulation
- Forced draft air circulation
- Back wall evaporator cover
- High density foam cabinet insulation
- HFC-free refrigerant (R600a), foam insulation, and packaging
- Unit must have 4" clearance on sides and back for adequate ventilation
- Exterior dimensions: 23.75" W x 26.5"D x 59"H
- Shipping weight: 183 lbs
- Voltage: 115 / 60 / 2.3 Amps, 1/3 HP
- Energy consumption: 2.42 kWh/day
- UL/C-UL listed
- ENERGY STAR CERTIFIED

## Glass Door Standard Compact Laboratory Refrigerator Technical Drawings

Front View

Side View



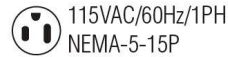
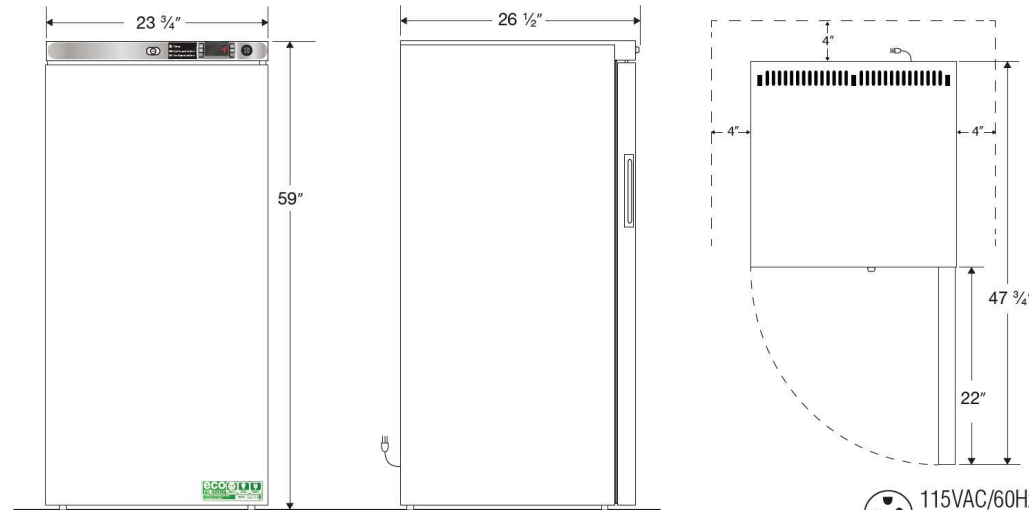
Cu. Ft	Defrost	Door	Int Door	Shelves	Interior Dim.			Refrigerant	H.P.	Amps	Weight
					W"	D"	H"				
10.5	Cycle	1 Solid	0	6 Adj +Footed Bottom	19 7/8	18 3/8	53 1/2	R600a	1/3	2.3	148 lbs.

Note: Interior dimensions are estimates and subject to change without notice

Front View

Side View

Top View



**NOTE: Ventilation Requirements - Minimum 4" clearance on sides and back**

Cu. Ft	Defrost	Door	Int Door	Shelves	Interior Dim.			Refrigerant	H.P.	Amps	Weight
					W"	D"	H"				
10.5	Cycle	1 Solid	0	6 Adj +Footed Bottom	23 3/4	26 1/2	59	R600a	1/3	2.3	148 lbs.