



Scientemp™

Low Temperature Freezer

Model 43-1.7

Exterior Dimensions	36"H x 30"W x 24"D
Interior Dimensions	13"H x 18"W x 12"D
Temperature Range	0°C to -43°C / 32°F to -45°F
Capacity	1.7 cubic feet
Insulation	Polyurethane
Door	Keyed Hasp Lock
Casters	(4) 2" Locking
Temperature Controller	Digital Display
Alarm	Visual and Audible

Versatile Design—Standard Models or we can custom design one that meets your needs

Safety & Easy Access - Counter-balanced lid with magnetic gasket. Brushed aluminum and thermoplastic tubular handle with separate Keyed Hasp Lock. Inner Styrofoam Sub-lids are included for additional

Safe & Economical Insulation— Our freezers are insulated using environmentally safe PFAS-free Ecofoam Polyurethane Foam.

CFC Free Refrigerant - All products are manufactured using CFC-free, non-toxic, non-combustible and non-ozone depleting refrigerant. Compressors are permanently lubricated and hermetically sealed for easy maintenance.

Sturdy Construction - Our cabinets are welded steel with a textured exterior / smooth interior powdercoat finish.

Temperature Display - Digital readout displays internal temperature and set point in either degrees Centigrade or Fahrenheit.

Standard Visual / Audible Alarm System - Alarm monitoring system indicates power on and displays visual / audible warning of rise in temperature and/or power failure.

Casters / Locking Lid - Locking 2" heavy duty swivel type casters and Key-Locking counterbalanced lid with magnetic gasket.

**Exterior height includes casters
**Depth measurement includes hinges and handle.

Refrigeration

Compressor	1/2 hp
Refrigerant	R-404A
Voltage Options	115/60/1 - 230/60/1 - 230/50/1
Refrigerant Control	Capillary Tube
Evaporator	Cold Wall
Defrost	Manual
Condenser	Shell
Air Circulation	Gravity
Running Amps	8 amps (115V) 4 amps (230V)

Optional Accessories

- 6" Temperature Chart Recorder
- Calgrafix Software
- Voice Pager / Dialer
- Ramp / Soak Control
- Internal Heater and Internal Fan
- Stainless Steel Interior and / or Exterior
- Observation Window
- Access Ports (1", 2" or 4" are available)
- CO2 and LN2 Back-Up Systems

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