



Scientemp™

Low Temperature Freezer

Model 85-1.7

Exterior Dimensions	36"H x 30"W x 24"D
Interior Dimensions	13"H x 18"W x 12"D
Temperature Range	-45°C to -85°C / -50°F to -121°F
Capacity	1.7 cubic feet
Insulation	Polyurethane
Door	Keyed Hasp Lock
Casters	(4) 2" Locking
Temperature Controller	Digital Display
Alarm	Visual and Audible

**Exterior height includes casters

**Depth measurement includes hinges and handle.

Refrigeration

Compressor	1/4+ hp
Refrigerant	R-513A High Stage / R-508B Low Stage
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	10 amps (115V) 5 amps (230V)

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.

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

Scientemp Corporation 3565 S. Adrian Hwy Adrian, MI 49221 Ph: 517-263-6020

www.scientemp.com

January 2025

Get it from your authorized distributor: www.labequip.com



ask@labequip.com