



# Scientemp™

## Low Temperature Freezer

### Model 85-3.1

Exterior Dimensions	37"H x 41"W x 24"D
Interior Dimensions	14"H x 30"W x 13"D
Temperature Range	-45°C to -85°C / -50°F to -121°F
Capacity	3.1 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	1/2 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
Air Circulation	Gravity
Running Amps	12 amps (115V)   6 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 protection of content.

**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
- Explosion Proofing
- Internal Heater and Internal Fan
- Stainless Steel Interior and / or Exterior
- Observation Window
- Ramp / Soak Control
- 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