



SciencTemp™

Low Temperature Freezer

Model 80-12 Low Profile

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|------------------------|----------------------------------|
| Exterior Dimensions | 40"H x 78"W x 32.25"D |
| Interior Dimensions | 25"H x 49"W x 17"D |
| Temperature Range | -45°C to -80°C / -50°F to -112°F |
| Capacity | 12 cubic feet |
| Insulation | Polyurethane |
| Door | Keyed Hasp Lock |
| Casters | (4) 3" 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 3" 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

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