



Scientemp™

Low Temperature Freezer



Model 80-12EX Explosion Proof

Class 1, Division 1, Group C & D
Class 1, Division 2, Group C & D

Exterior Dimensions	40"H x 78"W x 33"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 or (4) Leveling Legs
Temperature Controller	Analog Dial

**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	8 amps (115V) 4 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 - Cabinets are welded steel with a textured exterior / smooth interior powdercoat finish.

Comfortable Access - Low-profile design. Controls are conveniently mounted on the front of an end rack for easy access

Casters - Locking 3" heavy duty swivel type casters

**Note: Leveling legs can be installed in place of Casters

Optional Accessories

- Access Ports (1", 2" or 4" are available)
- Stainless Steel Interior and / or Exterior

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

www.scientemp.com

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