



# Scientemp™

## Low Temperature Freezer

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

**Comfortable Access** - Can be conveniently placed on or under countertop.

**Safety & Easy Access** - Front opening door with side mounted magnetic latch handle with separate lock assembly. Inner Stainless Steel door for added content protection. Easy access port hole located on back of unit. The foamed hole measures as small as 5/8" and can be expanded to go as large as 3/4" .



**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** – Alarm displayed with visual / audible warning of rise in temperature. Note: This model has no battery back up for alarm should unit loose power.

### Optional Accessories

- 4" Temperature Chart Recorder
- Calgrafix Software
- Voice Pager / Dialer
- Internal Fan
- Stainless Steel Interior and / or Exterior
- Ramp / Soak Control
- Access Ports (1"or 2" are available)
- Interior Shelving

### Model 86-01

|                        |                                  |
|------------------------|----------------------------------|
| Exterior Dimensions    | 29"H x 20"W x 22"D               |
| Interior Dimensions    | 11"H x 12"W x 12"D               |
| Temperature Range      | -45°C to -86°C / -50°F to -122°F |
| Capacity               | 1.0 cubic feet                   |
| Insulation             | Polyurethane                     |
| Door                   | Key Locking                      |
| Casters                | None (can be added if requested) |
| Temperature Controller | Digital Display                  |
| Alarm                  | Visual and Audible               |

### 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                               |
| Air Circulation     | Gravity                              |
| Running Amps        | 10 amps (115V)   5 amps (230V)       |

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[www.scientemp.com](http://www.scientemp.com)