

## ENERGY EFFICIENT MODEL VSU85-13

### UPRIGHT ULTRA LOW FREEZER -40°C TO -85°C

|                                 |                              |
|---------------------------------|------------------------------|
| <b>Capacity [ Cu. Ft. ]</b>     | <b>13 Cu. Ft.</b>            |
| <b>Capacity [ Liters ]</b>      | <b>370 Liters</b>            |
| <b>Temperature Range [ °C ]</b> | <b>-40°C to -85°C</b>        |
| <b>Temperature Range [ °F ]</b> | <b>-40°F to -120°F</b>       |
| Dimensions                      | Width x Depth x Height       |
| Exterior [ Inches ]             | 35" x 34.5" x 79.5"          |
| Interior [ Inches ]             | 20" x 22" x 51.25"           |
| Exterior [ Centimeters ]        | 88 x 87 x 201                |
| Interior [ Centimeters ]        | 50 x 55 x 130                |
| Refrigeration System            | Cascade-Style System         |
| Compressors                     | 2, Variable Speed            |
| Air Circulation                 | Gravity Flow                 |
| Defrost Method                  | Manual                       |
| Refrigerant                     | HCFC & CFC Free              |
| Exterior                        | Powder Coated Steel          |
| Interior                        | Zinc Coated Galvanized Steel |
| Insulation                      | Polyurethane (Ecomate) Foam  |
| Inner Doors                     | 5, Stainless Steel           |
| Lockable Door                   | Lockable with Padlock        |
| Porthole                        | Optional 1/2"                |
| Casters                         | 4, Swivel with Locks         |
| Storage Shelves                 | 4 Adjustable, 1 Base Shelf   |
| Shipping Weight                 | 850 Lbs.                     |

#### Electrical

|                        |                              |
|------------------------|------------------------------|
| Standard Voltage       | 115 Volts, 60 Hertz, 1 Phase |
| Amps / Run Amps / Plug | 15A   7.5A   NEMA 5-15       |
| (Optional Voltages )   | 208 Volts, 230 Volts         |
| Certification(s)       | ETL Listed                   |

#### Controller

|                       |                           |
|-----------------------|---------------------------|
| Display Type          | Microprocessor, Digital   |
| Touchscreen           | Yes, 4.3" Color Display   |
| Alarms                | High/Low Temperature      |
| Alarm Notification    | Yes, Audible, Email, Text |
| Data Logging          | Yes, Adjustable Intervals |
| Data Download         | Yes, via USB, CSV Format  |
| LAN Remote Access     | Yes, via VNC              |
| Min / Max Temperature | Yes, Display and Reset    |
| Alarm Relay           | Yes, Dry Contacts         |
| Automatic Restart     | Yes, After Power Failure  |

IMAGE BELOW DOES NOT SHOW OPTIONAL ACCESSORIES



**Warranty** 1 Year Parts & Labor