



## -86° ULTRALOW FREEZERS

### STANDARD FEATURES

- GC Model includes voltage booster
- CFC-Free: foam insulation 127 mm [5 inches]
- Access Port
- Heavy-gauge steel cabinet
- Heavy-duty swivel casters
- Claw-like inner door latches
- Key Lock
- Two [2] air insulated inner doors
- Four [4] shelves - Three [3] adjustable
- Multi-point gasket seals
- Eye-level controls
- Four [4] year parts only warranty (International)
- Two [2] year parts and labor warranty (U.S. and Canada)

### OPTIONAL FEATURES

- Cobex® temperature chart recorder
- CO<sub>2</sub> back-up system [NU-UB2]
- Painted steel interior
- Surge suppressor
- Cryo gloves
- Floor anchor system
- Inventory racks

### ELECTRICAL REQUIREMENTS

- 220V 60 Hz; 230V 50 Hz
- All single phase

### TEMPERATURE CONTROL SYSTEM

- Microprocessor control system
- Digital Temperature display
- Set point security system

### REFRIGERATION SYSTEM

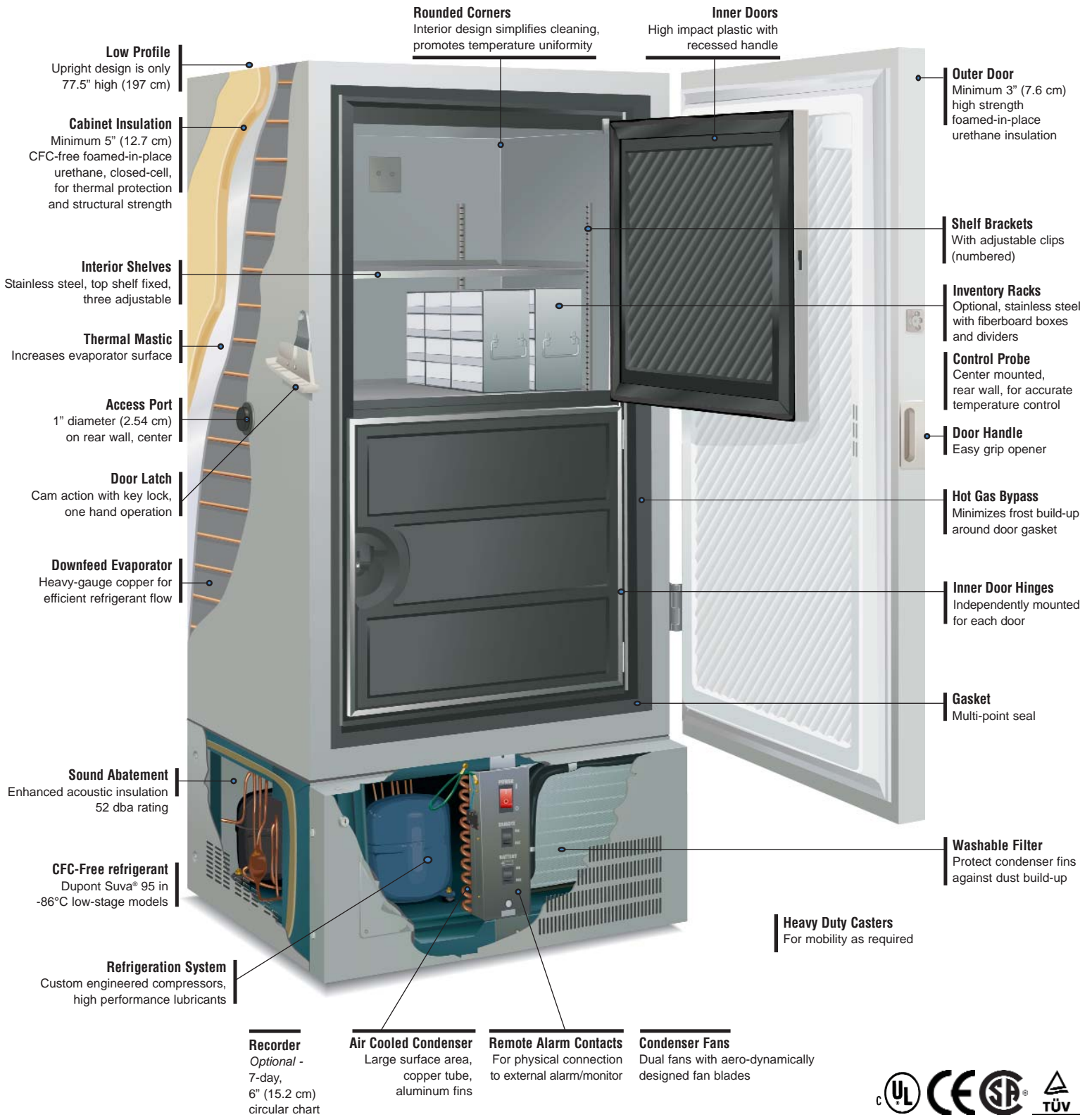
- Air-cooled cascade refrigeration system
- Two [2] air-cooled compressors
- Temperature range -20° to -86° C
- 100% HFC CFC-free refrigerant
- Efficient downfeed evaporator
- High capacity air-cooled condenser
- 52 dba rating

### ALARM SYSTEMS

- Microprocessor controlled alarms
- Battery back-up
- Remote alarm contacts

	ft. <sup>3</sup> / Liters	Electrical	Dimensions (Exterior)	Dimensions (Interior)	Shipping Dims m <sup>3</sup>	Inventory System
<a href="#">NU-9333</a>	11.8 / 333	115V 60 Hz 15 Amps	29.5 x 34.5 x 72.8 in.	19.3 x 23.6 x 44.9 in.	2.0	12 Racks — 216, 2" Boxes
<a href="#">NU-9333E</a>	11.8 / 333	230V 50 Hz	75 x 87.6 x 185 cm	49 x 60 x 114 cm	2.0	12 Racks — 216, 2" Boxes
<a href="#">NU-9483GC</a>	17.1 / 483	220V 60 Hz	35.0 x 34.5 x 78.3 in.	24.8 x 23.6 x 50.4 in.	2.43	16 Racks — 320, 2" Boxes
<a href="#">NU-9483E</a>	17.1 / 483	230V 50 Hz	89 x 87.6 x 199 cm	63 x 60 x 128 cm	2.43	16 Racks — 320, 2" Boxes
<a href="#">NU-9668GC</a>	23.6 / 668	220V 60 Hz	44.5 x 34.5 x 78.3 in.	34.3 x 23.6 x 50.4 in.	3.0	24 Racks — 480, 2" Boxes
<a href="#">NU-9668E</a>	23.6 / 668	230V 50 Hz	113 x 87.6 x 199 cm	87 x 60 x 128 cm	3.0	24 Racks — 480, 2" Boxes

# -86° GLACIER BLUE ULTRALOW FREEZER



**Low Profile**

Upright design is only 77.5" high (197 cm)

**Cabinet Insulation**

Minimum 5" (12.7 cm) CFC-free foamed-in-place urethane, closed-cell, for thermal protection and structural strength

**Interior Shelves**

Stainless steel, top shelf fixed, three adjustable

**Thermal Mastic**

Increases evaporator surface

**Access Port**

1" diameter (2.54 cm) on rear wall, center

**Door Latch**

Cam action with key lock, one hand operation

**Downfeed Evaporator**

Heavy-gauge copper for efficient refrigerant flow

**Sound Abatement**

Enhanced acoustic insulation 52 dba rating

**CFC-Free refrigerant**

Dupont Suva® 95 in -86°C low-stage models

**Refrigeration System**

Custom engineered compressors, high performance lubricants

**Recorder**

Optional - 7-day, 6" (15.2 cm) circular chart

**Air Cooled Condenser**

Large surface area, copper tube, aluminum fins

**Remote Alarm Contacts**

For physical connection to external alarm/monitor

**Condenser Fans**

Dual fans with aero-dynamically designed fan blades

**Rounded Corners**  
Interior design simplifies cleaning, promotes temperature uniformity

**Inner Doors**  
High impact plastic with recessed handle

**Outer Door**  
Minimum 3" (7.6 cm) high strength foamed-in-place urethane insulation

**Shelf Brackets**  
With adjustable clips (numbered)

**Inventory Racks**  
Optional, stainless steel with fiberboard boxes and dividers

**Control Probe**  
Center mounted, rear wall, for accurate temperature control

**Door Handle**  
Easy grip opener

**Hot Gas Bypass**  
Minimizes frost build-up around door gasket

**Inner Door Hinges**  
Independently mounted for each door

**Gasket**  
Multi-point seal

**Washable Filter**  
Protect condenser fins against dust build-up

**Heavy Duty Casters**  
For mobility as required



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