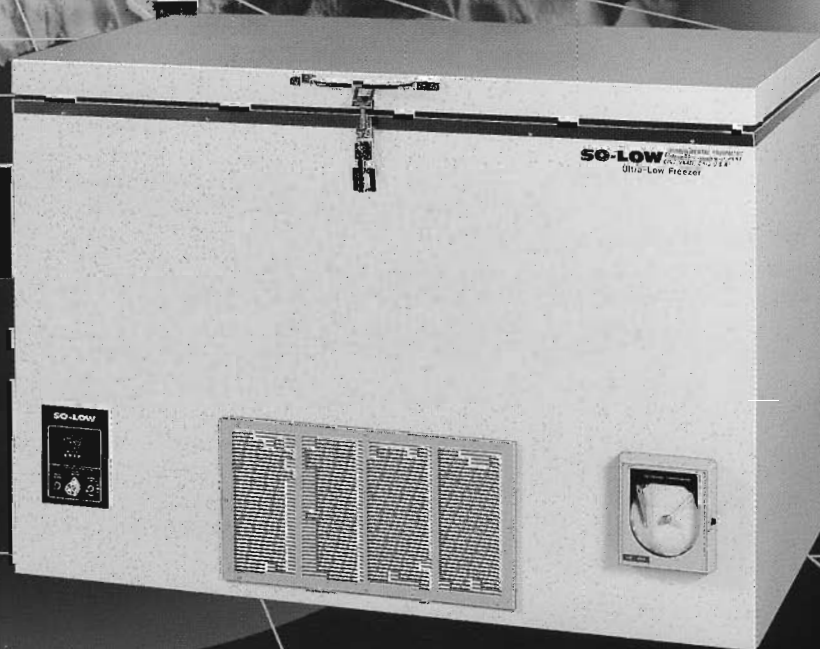


SO-LOW PREMIER FREEZERS TO -85° C

- MEDICAL RESEARCH
- CLINICAL APPLICATIONS
- BIOLOGICAL RESEARCH
- INDUSTRIAL USE



SO-LOW

Efficiency And Dependability For The Most Demanding Environments

- Large Selection
- Quality Construction
- Dependability
- Ease of Operation
- Efficiency
- Low Maintenance

Laboratory professionals all over the world are recognizing the dependability and efficiency of So-Low Premier Ultra Low Freezers, the first to combine all of these performance features and deliver a level of quality construction, reliability and value unequalled anywhere in the world.

- Compressor life is extended by an energy-saving low stage which operates only on demand.
- Compressors are protected with a constant flow of refrigerant.
- Heat is efficiently and effectively dissipated by an air-cooled condenser with three fans. Monitoring light to warn of clogged condenser.
- Freezer has an automatic timer system that will restart the unit in case of power failure.
- Large air cooled finned condenser with front to back air flow resulting in cooler compressors. A special hinged grille for easy opening providing for a quick visual check of the air cooled condenser.
- CFC-Free DuPont Suva 95 refrigerant.

PREMIER

Specifications:

Temperature:

Range -18°C to -85°C

Control System:

Large digital temperature control

Refrigeration System: Cascade Type – Two compressors hermetic type – Condenser - Air cooled – Cooling Coils – Copper tubing

Insulation: CFC free – Minimum - Five inch high density polyurethane – Minimum - 3/4" sublims – Gaskets – Double sealed

Construction: Inner Chamber – Heavy gauge corrosion resistant zinc coated galvanized steel-Outer Shell – Heavy gauge, cold-rolled steel

Electrical Requirements:

115 volts, 60 hertz, 1 phase

208 volts, 60 hertz, 1 phase

230 volts, 60 hertz, 1 phase

220 volts, 50 hertz, 1 phase

Digital Alarm System: Rechargeable lifetime battery powered alarm system has a digital display. An audio and visual alarm will come on when there is a rise in the temperature set point. The system has an audio silence button, alarm test switch, and relay for remote alarm.

Accessories:

Chart recorders 7 day/6, inch

Inventory control systems

Porthole access

CO2 and LN2 back-up system

Stainless steel chambers

Baskets - Rails

Cryo safety gloves

Three-phase electrical wiring

Power booster- low voltage safety system

Telephone alarm system



General Specifications

MODEL NO.	CU.FT./LITERS	TEMPERATURE RANGE	INTERIOR DIMENSIONS, INCHES (CM)		EXTERIOR DIMENSIONS, INCHES (CM)	
			W x F-B x H		W x F-B x H	
UPRIGHT VERTICAL						
PV85-13	13-370	-18°C to -85°C	20" x 22" x 51.25"	(50.8 x 55.9 x 130)	35" x 33" x 79"	(88.9 x 88.9 x 200.7)
PV85-18	18-505	-18°C to -85°C	23" x 26" x 51.25"	(58.4 x 66.1 x 130)	36" x 35.5" x 79"	(91.4 x 90.2 x 200.7)
PV85-21	21-588	-18°C to -85°C	28.5" x 26" x 51.25"	(72.4 x 66.1 x 130)	41.5" x 35.5" x 79"	(105 x 90.2 x 200.7)
PV85-25	25-710	-18°C to -85°C	34" x 25" x 51.25"	(86.4 x 63.5 x 130)	49" x 35.5" x 79"	(124.5 x 90.2 x 200.7)
PV80-30	30-843	-18°C to -80°C	42" x 25" x 49"	(106.7 x 63.5 x 124.5)	62" x 35.5" x 79"	(157.5 x 90.2 x 200.7)
CHEST, HORIZONTAL						
PH85-5	5-142	-18°C to -85°C	30" x 18" x 16"	(76.2 x 45.7 x 40.6)	40" x 35" x 46"	(101.6 x 88.9 x 116.8)
PH85-9	9-255	-18°C to -85°C	47" x 16" x 20"	(119.4 x 40.6 x 50.8)	57" x 33" x 46"	(144.8 x 83.8 x 116.8)
PH85-12	12-340	-18°C to -85°C	55" x 19" x 20"	(139.7 x 48.3 x 50.8)	65" x 35" x 46"	(165.1 x 88.9 x 116.8)
PH85-14	14-400	-18°C to -85°C	61" x 20" x 20"	(154.9 x 50.8 x 50.8)	71" x 35" x 46"	(180.3 x 88.9 x 116.8)
PH85-17	17-480	-18°C to -85°C	69" x 20" x 21"	(175.3 x 50.8 x 53.3)	79" x 35.5" x 48"	(200.7 x 90.2 x 121.9)
PH85-22	22-626	-18°C to -85°C	67" x 19" x 30"	(170.2 x 48.3 x 76.2)	95.5" x 35.5" x 44"	(242.6 x 90.2 x 111.8)
PH80-27	27-766	-18°C to -80°C	67" x 22.5" x 31"	(170.2 x 57.2 x 78.7)	95.5" x 35.5" x 44"	(242.6 x 90.2 x 111.8)

SO-LOW ENVIRONMENTAL EQUIPMENT CO., INC.

10310 SPARTAN DRIVE, CINCINNATI, OHIO 45215 • U.S.A. • (513) 772-9410 • FAX (513) 772-0570

e-mail:solow @ix.netcom.com

<http://www.so-low.com>

Specifications and designs subject to change without notice

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