

Laboratory

Refrigerators & Freezers

Refrigeration solutions
to meet tomorrow's
standards.



*pharmaceutical
laboratory
biotech
clinical trials
analytical testing*

Ultra Low Temperature Freezers

Ultra Low Temperature Freezers deliver rich features and benefits for the most demanding cold storage applications. Designed to utilize standard racks, this unit offers high efficiency with low noise by utilizing two high efficiency compressors that keep decibel levels low, while still having 300 BTU/h reserve capacity. The interior of the unit features a triple gasket seal, vacuum relief port, five double walled insulated doors & 5 1/2" of Urethane insulation in critical areas. Units are made in the USA and are UL and C-UL listed.

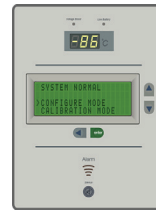
Periodic manual defrosting is required.



4 Stainless Steel Shelves, adjustable on 1/2" centers

Ergonomic door handle with keyed lock for sample security

ABT-230V-2586



Intuitive Interface - Easy to follow prompts simplify changing set points, calibration and accessing diagnostics.

Simple to Troubleshoot - The control system monitors and records all specified conditions up to 4,000 events. This history can be downloaded for rapid assessment of any alarm.



21 audible and visual alarms

Large LED Temperature Display

ABT-115V-1786

Freezer Model	Ft ³	Defrost	Temp	Doors	Int Doors	Shelves	W"	D"	H"	H.P.	Amps
ABT-115V-1786	17	Manual	-86 °C	1 Solid	5 Insulated	4 Fixed	37 3/5	36 2/7	79 3/5	1/2 x 1/2	16
ABT-230V-1786	17	Manual	-86 °C	1 Solid	5 Insulated	4 Fixed	37 3/5	36 2/7	79 3/5	1/2 x 1/2	10
ABT-115V-2186	21	Manual	-86 °C	1 Solid	5 Insulated	4 Fixed	43 2/7	36 2/7	79 3/5	1/2 x 1/2	16
ABT-230V-2186	21	Manual	-86 °C	1 Solid	5 Insulated	4 Fixed	43 2/7	36 2/7	79 3/5	1/2 x 1/2	10
ABT-230V-2586	25	Manual	-86 °C	1 Solid	5 Insulated	4 Fixed	49	36 3/5	79 3/5	1/2 x 1/2	10

Specifications are subject to change.

*Height Includes Casters

- Microprocessor temperature controller
- Touch pad keys and four line display for easy programming
- Large LED temperature readout
- Swivel casters (4")
- Audible and visual alarms with silence key for audible alarms
- Programmable high and low temperature alarm set points
- Programmable access code to limit access to set points and controller configuration
- Automatic voltage boost to compensate for low line voltages
- Normally open, normally closed alarm contacts and 4-20mA signal available to connect to central alarm system
- RS-232 serial output
- Battery backup to support temperature monitoring and alarms
- Temperature Range: -50°C to -86°C
- Cam action handle for one hand latching of exterior door.
- Handle supplied with key lock and door switch for audible and visual alarm.
- Heavy duty swivel casters with locks
- Vacuum relief port for quick access after door closures
- Five insulated inner doors
- Cascade refrigeration system
- CFC Free Refrigerant
- UL/C-UL listed
- Made in the USA
- **NOTE: All products are designed to operate in ambient room temperatures not to exceed 75°F/50% RH (relative humidity). Failure to maintain these conditions may result in operational and/or performance issues**

Efficient, reliable choices.

Meeting your application and budget, laboratory cold storage applications can vary greatly. Whatever the requirement, ABS® offers a comprehensive choice of purpose-built laboratory and pharmacy refrigerators and freezers to help satisfy the requirements of a specific application while easing demand on your budget.



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