ABS
American BioTech Supply

Refrigeration
Solutions
to Meet
Tomorrow's
Standards

ABS

-20°C

Laboratory
Refrigerators
and Freezers

pharmaceutical
laboratory
biotech
clinical trials
analytical testing

Going Green. What does it mean?

The Advantages of Hydrocarbon Refrigerants

HC's can absorb more heat faster, resulting in quicker temperature recovery and lower energy consumption.

45-60% Decrease in refrigerant charge size

Low global warming potential (GWP) and ZERO Ozone depleting potential

Hydrocarbon refrigerant's thermodynamic properties are superior to both R134a and R404a.

Contains No Fluorine or Chlorine

Short atmospheric life of about 2 weeks

Less aggressive refrigerant- extending life of the system

Hydrocarbon is a Non-Toxic, Naturally Occurring Refrigerant

Hydrocarbons are one of the most climate friendly and cost effective refrigerants to cool and freeze

Non Toxic

Evolving Technology To Reduce Ozone Depletion and Energy Usage

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1 TempLog Premier

2 Premier

3 Standard

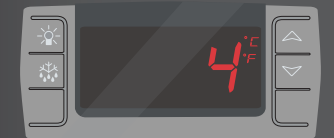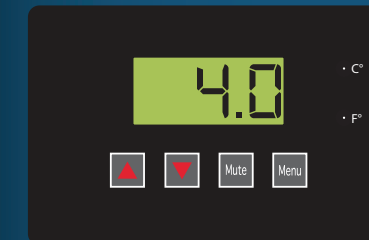**ABS** American BioTech Supply

TempLog Premier
- Touch screen display
- Digital microprocessor
- Digital temperature display
- Audible and visual alarms
- Digital 24-hour temp. chart
- Digital data logging
- USB port for data transfer
- 4-20mA output
- Remote alarm contacts
- Door ajar alarm
- Low battery alarm
- Operation indicator
- Temp. scale bar display
- Sample temperature display

Premier
- Bi-Color LED display
- Digital microprocessor
- Digital temperature display
- Audible and visual alarms
- Resettable Min/Max
- Remote alarm contacts
- Power failure alarm*
- Sensor error alarm
- Alarm mute w/ ringback*
- Sample temperature display

Not available on all models
See specs for additional information

Standard
- Digital temperature display*
- Digital microprocessor*
- Audible and visual alarms*
- Resettable Min/Max*
- Remote alarm contacts*

Not available on all models
See specs for additional information

12:41:06 PM
ABS American BioTech Supply
MENU
4.0 °C

4.0 °C °F
Mute   Menu

The TempLog Premier Series refrigerators and freezers are purpose built for scientific and medical applications requiring superior temperature management and state of the art product security and data logging.

The Premier Series refrigerators and freezers are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The Standard Series refrigerators and freezers can help meet the demand of scientific and medical applications at budget-easing price points or satisfy any general purpose cold storage needs.

Laboratory Refrigerators

TempLog Premier Glass & Solid Door Laboratory Refrigerators

TempLog Premier Glass & Solid Door Laboratory Refrigerators

The TempLog Premier Glass & Solid Door Laboratory Refrigerators are purpose built for scientific and medical applications. Units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new Touch Screen temperature display and alarm module offers the latest in advanced temperature control and data logging. Industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible/visual high and low temperature alarms, along with power outage, sensor error and door ajar alarms, remote alarm dry contacts, a 4-20mA output and an access port are provided to simplify connections to existing facility monitoring systems. A USB port is provided for easy transfer as well as software updates.

A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates (Glass Door Models Only)

The all-new Touch Screen temperature display and alarm module offers industry-leading product security. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible and visual alarms, remote alarm contacts, a 4-20mA output and an access port. A USB port is provided for easy data transfer.

Standard features: Keyed door locks

ABT-HC-72-TS

ABT-16S-TS

ABT-36S-TS

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-19-TS	19	Cycle	1 Swing Glass	4 Adj	27 ⅛	25 ½	82 ⅝	R290	⅓	5.4
ABT-HC-19-TS-LH	19	Cycle	1 Swing Glass	4 Adj	27 ⅛	25 ½	82 ⅝	R290	⅓	5.4
ABT-HC-23-TS	23	Cycle	1 Swing Glass	4 Adj	27	30 ½	82 ⅝	R290	⅓	5.4
ABT-HC-26-TS	26	Cycle	1 Swing Glass	4 Adj	30	30 ½	82 ⅝	R290	⅓	5.4
ABT-HC-47-TS	47	Cycle	2 Slide Glass	8 Adj	54 ⅛	31 ¼	82 ⅝	R290	½	8.5
ABT-HC-49-TS	49	Cycle	2 Swing Glass	8 Adj	54 ¼	31	82 ⅝	R290	½	8.5
ABT-HC-69-TS	69	Cycle	3 Slide Glass	12 Adj	78 ¼	30 ¾	82 ⅝	R290	½	9.3
ABT-HC-72-TS	72	Cycle	3 Swing Glass	12 Adj	78 ¼	31	82 ⅝	R290	½	8.5

Height Includes Casters

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-12S-TS	12	Cycle	1 Swing Solid	3 Adj	25	29 ¾	65 ¾	R134a	⅜	6
ABT-16S-TS	16	Cycle	1 Swing Solid	3 Adj	25	29 ¾	79	R134a	⅜	6
ABT-23S-TS	23	Cycle	1 Swing Solid	4 Adj	26 ⅞	34 ¾	81 ¾	R134a	⅜	6
ABT-26S-TS	26	Cycle	1 Swing Solid	4 Adj	28 ⅜	36 ½	81 ¾	R134a	⅜	6
ABT-36S-TS	36	Cycle	2 Swing Solid	8 Adj	39 ⅝	34 ¾	81 ¾	R134a	½	9
ABT-49S-TS	49	Cycle	2 Swing Solid	8 Adj	54	34 ¾	81 ¾	R134a	½	7
ABT-72S-TS	72	Cycle	3 Swing Solid	12 Adj	81	34	81 ¾	R134a	¾	10

Height Includes Casters

- Microprocessor temperature controller
- Adjustable operating temperature range: 1°C - 10°C
- Touch Screen Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Password-protected control panel
- Sample simulated digital temperature display; .1° Resolution, adjustable temperature display in Celsius or Fahrenheit
- Active temperature scale bar display
- Resettable 1-point min/max history
- Digital 24-hour temperature chart

- Temperature data logging
- USB port for data transfer and software updates
- Real-time operational display clock
- 4-20mA output
- Electronic troubleshooting guide
- Electronic QR Code to access Owner's Manual & technical support contact Information
- Adjustable alarm volume
- Audible and visual high/low temperature alarms
- Sensor error alarm
- Power failure alarm

- Swivel casters:
  (4") Glass door models
  (3 ½") Solid door models
- Door ajar alarm
- Low battery alarm
- Operation indicator
- Alarm validation (audible, visual, and remote alarm)
- Alarm mute with ring back
- Remote alarm contacts
- Keyed door lock
- Magnetic door gasket for positive seal

- Heavy duty door handle
- LED interior lights are safety shielded and switch controlled
- Probe access port (⅜")
- CFC-free refrigerant (R134a), foam insulation and packaging
- HFC-free refrigerant (R290) glass door models
- White powder-coated steel exterior and interior
- Three year parts and labor warranty, plus an additional two year compressor parts warranty
- Cycle defrost
- UL/C-UL listed

Premier Glass & Solid Door Laboratory Refrigerators

Premier Glass & Solid Door Laboratory Refrigerators

The Premier Glass and Solid Door Refrigerators feature a microprocessor temperature controller and display, allowing for precise temperature control, verification and recovery versus mechanical style thermostats. Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates (Glass Door Models Only)

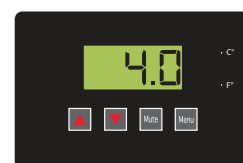Models are available in either swing or sliding glass door

ABT-HC-47

Model		Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-19	🔥	19	Cycle	1 Swing Glass	4 Adj	27 ⅛	25 ½	82 ⅝	R290	⅓	5.4
ABT-HC-19-LH	🔥	19	Cycle	1 Swing Glass	4 Adj	27 ⅛	25 ½	82 ⅝	R290	⅓	5.4
ABT-HC-23	🔥	23	Cycle	1 Swing Glass	4 Adj	27	30 ½	82 ⅝	R290	⅓	5.4
ABT-HC-26	🔥	26	Cycle	1 Swing Glass	4 Adj	30	30 ½	82 ⅝	R290	⅓	5.4
ABT-HC-33	🔥	33	Cycle	2 Slide Glass	8 Adj	39 ½	30 ⅝	82 ⅝	R290	½	6.3
ABT-HC-35	🔥	35	Cycle	2 Swing Glass	8 Adj	39 ½	31	82 ⅝	R290	⅓	6.2
ABT-HC-47	🔥	47	Cycle	2 Slide Glass	8 Adj	54 ⅛	31 ¼	82 ⅝	R290	½	8.5
ABT-HC-49	🔥	49	Cycle	2 Swing Glass	8 Adj	54 ¼	31	82 ⅝	R290	½	8.5
ABT-HC-69	🔥	69	Cycle	3 Slide Glass	12 Adj	78 ¼	30 ¾	82 ⅝	R290	½	9.3
ABT-HC-72	🔥	72	Cycle	3 Swing Glass	12 Adj	78 ¼	31	82 ⅝	R290	½	8.5

Height Includes Casters

The Premier Laboratory Refrigerators are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

4.0

Large, Bi-color LED sample temperature display and alarm

ABT-12S

ABT-16S

ABT-36S

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-12S	12	Cycle	1 Swing Solid	3 Adj	25	29 ¾	65 ¾	R134a	⅜	6
ABT-16S	16	Cycle	1 Swing Solid	3 Adj	25	29 ¾	79	R134a	⅜	6
ABT-23S	23	Cycle	1 Swing Solid	4 Adj	26	34 ¾	81 ¾	R134a	⅜	6
ABT-26S	26	Cycle	1 Swing Solid	4 Adj	28 ⅜	36 ½	81 ¾	R134a	⅜	6
ABT-36S	36	Cycle	2 Swing Solid	8 Adj	39 ⅝	34 ¾	81 ¾	R134a	½	9
ABT-49S	49	Cycle	2 Swing Solid	8 Adj	54	34 ¾	81 ¾	R134a	½	7
ABT-72S	72	Cycle	3 Swing Solid	12 Adj	81	34	81 ¾	R134a	¾	10

Height Includes Casters

- Microprocessor Temperature Controller
- Adjustable operating temperature range: 1° – 10°C
- Standard Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Sample simulated digital temperature display; .1° Resolution
- Adjustable temperature display in Celsius or Fahrenheit
- Audible and visual high/low temperature alarms

- Sensor error alarm
- Power failure alarm
- Resettable 1-point Min/Max History
- Remote alarm contacts
- Alarm validation (audible, visual, and remote alarm)
- Alarm mute with ring back
- Keyed door lock

- Magnetic door gasket for positive seal
- Swivel casters:
  (4") Glass door models
  (3 ½") Solid door models
- Heavy duty door handle
- LED interior lights are safety shielded and switch controlled
- Probe access port (⅜")
- White powder-coated steel exterior and interior

- CFC-free refrigerant (R134a) solid door models
- HFC-free refrigerant (R290) glass door models
- Foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- Cycle defrost
- UL/C-UL listed

Standard Series Glass & Solid Door Laboratory Refrigerators

Standard Series Glass & Solid Door Laboratory Refrigerators

The all-new Standard Series Glass & Solid Door Laboratory Refrigerators are purpose built for scientific and medical applications. To improve performance over past solid door general purpose units, the new Standard Series Glass & Solid Door Laboratory Refrigerators feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.

The Standard Laboratory Refrigerators take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.

ABT-LS-12

ABT-LS-23

°C/°F convertible temperature display

ABT-LS-16

ABT-LS-36

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-LS-12	12	Cycle	1 Swing Glass	3 Adj	25	29 ¾	65 ¾	R134a	⅜	6
ABT-LS-16	16	Cycle	1 Swing Glass	3 Adj	25	29 ¾	79	R134a	⅜	6
ABT-LS-23	23	Cycle	1 Swing Glass	4 Adj	26 ⅞	29 ¾	81 ¾	R134a	⅜	6
ABT-LS-26	26	Cycle	1 Swing Glass	4 Adj	28 ⅝	36 ½	81 ¾	R134a	⅜	6
ABT-LS-33	33	Cycle	2 Slide Glass	8 Adj	39 ⅝	33 ¼	81 ¾	R134a	⅜	6
ABT-LS-36	36	Cycle	2 Swing Glass	8 Adj	39 ⅝	34 ¾	81 ¾	R134a	½	9
ABT-LS-47	47	Cycle	2 Slide Glass	8 Adj	54	33 ¼	81 ¾	R134a	½	7
ABT-LS-49	49	Cycle	2 Swing Glass	8 Adj	54	34 ¾	81 ¾	R134a	½	7
ABT-LS-69	69	Cycle	3 Slide Glass	12 Adj	81	33 ¼	81 ¾	R134a	¾	10
ABT-LS-72	72	Cycle	3 Swing Glass	12 Adj	81	34	81 ¾	R134a	¾	10

*Height Includes Casters

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-SLS-12	12	Cycle	1 Swing Solid	3 Adj	25	29 ¾	65 ¾	R134a	⅜	6
ABT-SLS-16	16	Cycle	1 Swing Solid	3 Adj	25	29 ¾	79	R134a	⅜	6
ABT-SLS-23	23	Cycle	1 Swing Solid	4 Adj	26 ⅞	34 ¾	81 ¾	R134a	⅜	6
ABT-SLS-26	26	Cycle	1 Swing Solid	4 Adj	28 ⅝	36 ½	81 ¾	R134a	⅜	6
ABT-SLS-36	36	Cycle	2 Swing Solid	8 Adj	39 ⅝	34 ¾	81 ¾	R134a	½	9
ABT-SLS-49	49	Cycle	2 Swing Solid	8 Adj	54	34 ¾	81 ¾	R134a	½	7
ABT-SLS-72	72	Cycle	3 Swing Solid	12 Adj	81	34	81 ¾	R134a	¾	10

*Height Includes Casters

- Microprocessor temperature controller
- Digital temperature display
- Audible and visual high and low temperature alarms
- Remote alarm contacts

- Adjustable operating temperature: 1°C – 10°C
- Magnetic door gasket for positive seal
- Swivel casters (3 ½")
- Heavy duty door handle

- LED interior lights are safety shielded and switch controlled
- Probe access port (⅝")
- Powder coated steel white interior and exterior
- High density urethane foam cabinet insulation

- CFC-free refrigerant (R134a), foam insulation and packaging
- One year parts and labor warranty, plus an additional four year compressor parts warranty
- UL/C-UL listed

General Purpose Refrigerators

General Purpose Refrigerator

The Standard 30 cu. ft. Solid Door Laboratory Refrigerator is intended for General Purpose Applications where the precision of a microprocessor temperature controller and security alarms are not required.

This unit is not intended for high value laboratory supplies, biologicals and pharmaceuticals where precise temperature controls, maintenance and monitoring displays/alarms are required.

Designed specifically for General Purpose applications where precise temperature control, maintenance and alarms are not necessary

Keyed door lock

Powder coated paint exterior

ABT-30R

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-30R	30	Auto	1 Swing Solid	5 Adj	35 ½	34 ¼	72 ½	R134a	⅓	6.8

- Mechanical thermostat
- Temperature range: 0°C – 10°C
- Magnetic door gasket for positive seal
- Five adjustable shelves
- Leveling legs
- Stainless steel door handle
- Keyed door lock
- Probe access port (⅜")

- Powder coat paint exterior
- High density urethane foam cabinet insulation
- CFC-free refrigerant (R134a), foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- Auto Defrost
- UL/C-UL listed

Chromatography Refrigerators

TempLog Premier Chromatography Refrigerators with Natural Refrigerants

TempLog Premier Chromatography Refrigerators

The TempLog Premier Glass Door Chromatography Refrigerators are purpose built for scientific and medical applications. Units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new Touch Screen temperature display and alarm module offers the latest in advanced temperature control and data logging. Industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible/visual high and low temperature alarms, along with power outage, sensor error and door ajar alarms, remote alarm dry contacts, a 4-20mA output and an access port are provided to simplify connections to existing facility monitoring systems. A USB port is provided for easy transfer as well as software updates.

A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.

One interior duplex electrical outlet and two side wall port holes are provided to simplify the setup and operation of laboratory procedures.

All TempLog Premier Chromatography units require two electrical outlets.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

ABT-HC-49C-TS

The all-new Touch Screen temperature display and alarm module offers industry-leading product security. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible and visual alarms, remote alarm contacts, a 4-20mA output and an access port. A USB port is provided for easy data transfer.

Two 2" access ports with spring loaded self-closing metal gasketed covers

One GFCI protected duplex electrical outlet

ABT-HC-19C-TS

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-19C-TS	19	Cycle	1 Swing Glass	4 Adj	28 ⅝	26 ¼	82 ⅝	R290	⅓	5.4
ABT-HC-23C-TS	23	Cycle	1 Swing Glass	4 Adj	28 ½	31 ¼	82 ⅝	R290	⅓	5.4
ABT-HC-26C-TS	26	Cycle	1 Swing Glass	4 Adj	31 ½	31	82 ⅝	R290	⅓	5.4
ABT-HC-47C-TS	47	Cycle	2 Slide Glass	8 Adj	55 ¾	30 ¾	82 ⅝	R290	½	8.5
ABT-HC-49C-TS	49	Cycle	2 Swing Glass	8 Adj	55 ¾	31 ⅝	82 ⅝	R290	½	8.5
ABT-HC-69C-TS	69	Cycle	3 Slide Glass	12 Adj	79 ¾	31 ½	82 ⅝	R290	½	9.3
ABT-HC-72C-TS	72	Cycle	3 Swing Glass	12 Adj	79 ¾	31 ¾	82 ⅝	R290	½	8.5

Height Includes Casters

- Microprocessor temperature controller:
- Adjustable operating temperature range: 1°C – 10°C
- Touch Screen Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Password-protected Control Panel
- Sample simulated digital temperature display; .1° Resolution, adjustable temperature display in Celsius or Fahrenheit
- Active Temperature Scale Bar Display
- Operation indicator
- Digital 24-hour Temperature Chart
- Temperature data logging

- USB Port for Data Transfer and Software Updates
- Real-time Operational Display Clock
- 4-20mA Output
- Electronic Troubleshooting Guide
- Electronic QR Code to Access Owner's Manual & Technical Support Contact Information
- Adjustable Alarm Volume
- Audible and Visual High/Low Temperature Alarms
- Sensor Error Alarm
- Power Failure Alarm
- Door Ajar Alarm

- Low Battery Alarm
- Operation Indicator
- Alarm Validation (audible, visual, and remote alarm)
- Alarm Mute with Ring Back
- Remote Alarm Contacts
- Four adjustable shelves (adjustable in ½" increments)
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- LED interior lights are safety shielded and switch controlled
- Swivel casters (4")

- One GFCI protected duplex electrical outlet
- Two 2" access ports with spring loaded self-closing, gasketed metal covers
- Probe access port (⅝")
- White laminated vinyl exterior
- White aluminum liner and stainless steel floor interior
- HFC-free refrigerant (R290), foam insulation and packaging
- Three year parts and labor warranty, plus an additional two year compressor parts warranty
- Cycle defrost
- UL/C-UL listed

Premier Chromatography Refrigerators

The Premier Chromatography Refrigerators feature a microprocessor temperature controller and display, allowing for precise temperature control, verification and recovery versus mechanical style thermostats. Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings. Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

One interior duplex electrical outlet and two side wall port holes are provided to simplify the setup and operation of laboratory procedures. An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.
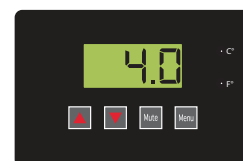
All Premier Chromatography units require two electrical outlets.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

ABT-HC-26C

The Premier Chromatography Refrigerators are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

One GFCI protected duplex electrical outlet

Two 2" access ports with spring loaded self-closing metal gasketed covers

ABT-HC-49C

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-19C	19	Cycle	1 Swing Glass	4 Adj	28 ⅝	26 ¼	82 ⅝	R290	⅓	5.4
ABT-HC-23C	23	Cycle	1 Swing Glass	4 Adj	28 ½	31 ¼	82 ⅝	R290	⅓	5.4
ABT-HC-26C	26	Cycle	1 Swing Glass	4 Adj	31 ½	31	82 ⅝	R290	⅓	5.4
ABT-HC-33C	33	Cycle	2 Slide Glass	8 Adj	41	31 ⅜	82 ⅝	R290	½	6.3
ABT-HC-35C	35	Cycle	2 Swing Glass	8 Adj	41	31 ¾	82 ⅝	R290	⅓	6.2
ABT-HC-47C	47	Cycle	2 Slide Glass	8 Adj	55 ¾	30 ¾	82 ⅝	R290	½	8.5
ABT-HC-49C	49	Cycle	2 Swing Glass	8 Adj	55 ¾	31 ⅝	82 ⅝	R290	½	8.5
ABT-HC-69C	69	Cycle	3 Slide Glass	12 Adj	79 ¾	31 ½	82 ⅝	R290	½	9.3
ABT-HC-72C	72	Cycle	3 Swing Glass	12 Adj	79 ¾	31 ¾	82 ⅝	R290	½	8.5

Height Includes Casters

- Microprocessor Temperature Controller
- Adjustable operating temperature range: 1°-10°C
- Standard Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Sample simulated digital temperature display; .1° Resolution
- Adjustable temperature display in Celsius or Fahrenheit
- Audible and visual high/low temperature alarms

- Sensor error alarm
- Power failure alarm
- Resettable 1-point Min/Max History
- Remote alarm contacts
- Alarm validation (audible, visual, and remote alarm)
- Alarm mute with ring back
- Keyed door lock

- Magnetic door gasket for positive seal
- Heavy duty door handle
- Swivel casters (4")
- LED interior lights are safety shielded and switch controlled
- One GFCI protected duplex electrical outlet
- Two 2" access ports with spring loaded self-closing, gasketed metal covers
- Probe access port (⅜")

- White laminated vinyl exterior
- White aluminum liner and stainless steel floor interior
- HFC-free refrigerant (R290), foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- Cycle defrost
- UL/C-UL listed

Standard
Chromatography Refrigerators

The Standard Chromatography Refrigerators are purpose built for scientific and medical applications. All units feature a microprocessor temperature controller and display, which allows for precise temperature control, verification and recovery versus mechanical style thermostats.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

One interior duplex electrical outlet and one side wall port hole is provided to simplify the setup and operation of laboratory procedure.

A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.

All Standard Chromatography units require two electrical outlets.

The Standard Chromatography Refrigerators take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.

One 2" access port with spring loaded self-closing metal gasketed covers

One GFCI protected duplex electrical outlet

ABT-CS-23

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-CS-16	16	Cycle	1 Swing Glass	3 Adj	25	29 ¾	79	R134a	⅜	6
ABT-CS-23	23	Cycle	1 Swing Glass	4 Adj	27 ½	34 ¾	81 ¾	R134a	⅜	6
ABT-CS-26	26	Cycle	1 Swing Glass	4 Adj	29 ¼	36 ½	81 ¾	R134a	⅜	6
ABT-CS-33	33	Cycle	2 Sliding Glass	8 Adj	40 ⅝	33 ¼	81 ¾	R134a	⅜	6
ABT-CS-36	36	Cycle	2 Swing Glass	8 Adj	40 ⅝	34 ¾	81 ¾	R134a	½	9
ABT-CS-47	47	Cycle	2 Sliding Glass	8 Adj	54 ¾	33 ¼	81 ¾	R134a	½	7
ABT-CS-49	49	Cycle	2 Swing Glass	8 Adj	54 ¾	34 ¾	81 ¾	R134a	½	7
ABT-CS-69	69	Cycle	3 Sliding Glass	12 Adj	81 ¾	33 ¼	81 ¾	R134a	¾	10
ABT-CS-72	72	Cycle	3 Swing Glass	12 Adj	81 ¾	34	81 ¾	R134a	¾	10

Height Includes Casters

- Microprocessor temperature controller
- Digital temperature display
- Audible and visual high and low temperature alarms
- Remote alarm contacts
- Adjustable operating temperature: 1°C – 10°C
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Swivel casters (3 ½")
- LED interior lights are safety shielded and switch controlled

- One GFCI protected duplex electrical outlet
- One 2" access port with spring loaded self-closing, gasketed metal cover
- Probe access port (3/8")
- Powder coated steel white interior and exterior
- High density urethane foam cabinet insulation
- CFC-free refrigerant (R134a), foam insulation and packaging
- One year parts and labor warranty, plus an additional four year compressor parts warranty
- UL/C-UL listed

Manual Defrost Freezers

TempLog Premier Manual Defrost Freezers

TempLog Premier Manual Defrost Freezers

These units are purpose built for scientific and medical applications. Units feature a digital microprocessor temperature controller which allows for the precise temperature management necessary for critical samples and supplies. A manual defrost design prevents product damaging temperature spikes from defrost cycles.

Periodic manual defrosting is required.

The all-new Touch Screen temperature display and alarm module offers the latest in advanced temperature control and data logging. Industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible/visual high and low temperature alarms, along with power outage, sensor error and door ajar alarms, remote alarm dry contacts, a 4-20mA output and an access port are provided to simplify connections to existing facility monitoring systems. A USB port is provided for easy transfer as well as software updates.

Sample simulated temperature display to show real-time product temperatures

ABT-MFP-14-TS

ABT-MFP-17-TS

The all-new Touch Screen temperature display and alarm module offers industry-leading product security. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible and visual alarms, remote alarm contacts, a 4-20mA output and an access port. A USB port is provided for easy data transfer.

Inner "fast freeze compartments" with doors for temperature maintenance and recovery

ABT-MFP-2030-TS

ABT-MFP-30-TS

Model	Cu. Ft.	Defrost	Temp	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-MFP-14-TS	14	Manual	-20˚C	1 Solid	4	3 Fixed	29 ⅞	32 ¾	66	R134a	⅓	5
ABT-MFP-17-TS	17	Manual	-20˚C	1 Solid	4	3 Fixed	34	30 ¾	71 ½	R134a	⅓	5
ABT-MFP-20-TS	20	Manual	-20˚C	1 Solid	5	4 Fixed	34	32 ¾	77 ¼	R134a	⅓	5
ABT-MFP-30-TS	30	Manual	-20˚C	1 Solid	5	4 Fixed	35 ¾	34 ¼	76 ½	R404a	⅓	6
ABT-MFP-2030-TS	20	Manual	-30˚C	1 Solid	5	4 Fixed	34	32 ¾	77 ¼	R134a	⅓	5
ABT-MFP-3030-TS	30	Manual	-30˚C	1 Solid	5	4 Fixed	35 ¾	34 ¼	76 ½	R404a	1	10.7

Height Includes Caster Platform

- One solid swing door, right hinged, not reversible
- Inner "fast-freeze compartments" with doors for temperature maintenance and recovery
- Microprocessor Temperature Controller
- Adjustable Operating Temperature Range: -15°– 25°C
- Touch Screen Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Password-protected Control Panel
- Sample simulated digital temperature display; .1° Resolution, adjustable temperature display in Celsius or Fahrenheit
- Active Temperature Scale Bar Display

- Resettable 1-point Min/Max History
- Digital 24-hour Temperature Chart
- Temperature Data Logging
- USB Port for Data Transfer and Software Updates
- Real-time Operational Display Clock
- 4-20mA Output
- Electronic Troubleshooting Guide
- Electronic QR Code to Access Owner's Manual & Technical Support Contact Information
- Adjustable Alarm Volume

- Audible and Visual High/Low Temperature Alarms
- Sensor Error Alarm
- Power Failure Alarm
- Door Ajar Alarm
- Low Battery Alarm
- Operation Indicator
- Alarm Validation (audible, visual, and remote alarm)
- Alarm Mute with Ring Back
- Remote Alarm Contacts
- Keyed door lock
- Magnetic door gasket for positive seal

- Heavy duty stainless steel door handle
- Caster platform (4")
- One probe access port (⅜")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- Three year parts and labor warranty, plus additional two year compressor parts warranty
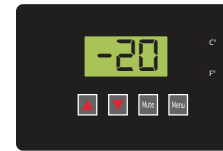- Manual defrost
- UL/C-UL listed

Premier Manual Defrost Freezers

The Premier Manual Defrost Freezers feature a microprocessor temperature controller, allowing for precise temperature control, recovery and maintenance versus mechanical style thermostats.

Critical samples and supplies are security backed with an extensive package of temperature security and alarms. Manual defrost units (**excluding Chest Freezers**) also feature insulating inner doors and a manual defrost operating system to limit product-damaging temperature spikes. In addition to the elimination of damaging auto defrost cycles, the inner doors help reduce cold air loss during main door openings and greatly improve temperature recovery.

Periodic manual defrosting is required.

Caster platform for easy transport

ABT-MFP-20

ABT-MFP-14

The Premier Manual Defrost Freezers are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

ABT-MFP-15-C

ABT-MFP-20-C

Sample simulated digital temperature display with 0.1° resolution

Model	Cu. Ft.	Defrost	Temp	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-MFP-14	14	Manual	-20˚C	1 Solid	4	3 Fixed	29 ⅞	32 ¾	66	R134a	⅓	5
ABT-MFP-17	17	Manual	-20˚C	1 Solid	4	3 Fixed	34	30 ¾	71 ½	R134a	⅓	5
ABT-MFP-20	20	Manual	-20˚C	1 Solid	5	4 Fixed	34	32 ¾	77 ¼	R134a	⅓	5
ABT-MFP-30	30	Manual	-20˚C	1 Solid	5	4 Fixed	35 ¾	34 ¼	76 ½	R404a	⅓	6
ABT-MFP-2030	20	Manual	-30˚C	1 Solid	5	4 Fixed	34	32 ¾	77 ¼	R134a	⅓	5
ABT-MFP-3030	30	Manual	-30˚C	1 Solid	5	4 Fixed	35 ¾	34 ¼	76 ½	R404a	1	10.7

Height Includes Caster Platform

Chest Freezers

Model	Cu. Ft.	Defrost	Temp	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-MFP-15-C	15	Manual	-20˚C	1 Hinge	0	2 Baskets	56	29 ½	35 ⅛	R134a	¼	5
ABT-MFP-20-C	20	Manual	-20˚C	1 Hinge	0	2 Baskets	74 ⅜	29 ½	34	R134a	¼	5

Height Includes Casters

- One solid swing door, right hinged, not reversible
- Microprocessor Temperature Controller
- Adjustable operating temperature range: -15° – 25°C
- Standard Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Sample simulated digital temperature display; .1° Resolution
- Adjustable temperature display in Celsius or Fahrenheit

- Audible and visual high/low temperature alarms
- Sensor error alarm
- Power failure alarm
- Resettable 1-point Min/Max History
- Remote alarm contacts
- Alarm validation (audible, visual, and remote alarm)
- Alarm mute with ring back

- Keyed door lock
- Caster platform (4") Upright Freezers
- Casters (2 ¾") Chest Freezers
- Interchangeable Leveling Legs (Chest Freezers only)
- Magnetic door gasket for positive seal
- Heavy duty door handle (recessed handle for Chest Freezer)
- One probe access port (⅜")

- White cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- Two year parts and labor warranty; plus additional three year compressor parts warranty
- Manual defrost
- UL/C-UL listed (Excluding Chest Freezers)

Premier Manual Defrost Freezers With Natural Refrigerants

The Premier Manual Defrost Freezers with Natural Refrigerants take a large step forward in performance from past solid door manual defrost units. These units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

For manual defrost units, periodic manual defrosting is required.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

The Premier Natural Refrigerant Manual Defrost Laboratory Freezer takes a large step forward in performance from past solid door general purpose units; offering a Digital temperature display and alarm module coupled with a microprocessor temperature controller.

Digital temperature display and alarm module

ABT-HC-MFP-20

Premier Manual Defrost Freezes with Natural Refrigerants require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Model		Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-MFP-14	🔥	14	Manual	1 Solid	4 Fixed	23 ⅝	23 ⅜	73	R290	½	4.96
ABT-HC-MFP-20	🔥	20	Manual	1 Solid	6 Fixed	30 ¾	28 ½	74 ⅝	R290	½	1.96

- One solid swing door, right hinged, not reversible
- Microprocessor Temperature Controller
- One probe access port (⅜")
- Standard Digital Temperature Display and Alarm Module
- Sample simulated digital temperature display; .1° Resolution
- Adjustable temperature display in Celsius or Fahrenheit
- Audible and visual high/low temperature alarms
- Sensor error alarm
- Power failure alarm
- Leveling legs
- Resettable 1-point Min/Max History
- Keyed door lock
- Alarm validation (audible, visual, and remote alarm)
- Magnetic door gasket for positive seal
- HFC-free refrigerant (R290), foam insulation and packaging
- Two year parts and labor warranty; plus additional three year compressor parts warranty
- Manual defrost
- UL/C-UL listed

Standard Manual Defrost Freezers

The Standard Manual Defrost Freezers are intended for general purpose applications where precise temperature control and maintenance are not essential and there are no requirements for temperature alarms. Manual defrost units have been designed to operate without product damaging auto defrost cycles.

Periodic manual defrost is required on these units.

Designed specifically for General Purpose applications; where precise temperature control, maintenance and alarms are not necessary

Keyed door lock

Mechanical thermostat with adjustable operating temperature range; -15°C – -25°C

ABT-MFS-14

Model	Cu. Ft.	Defrost	Temp	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-MFS-14	14	Manual	-20°C	1 Solid	3 Fixed	29 ⅞	32 ¾	62	R134a	⅓	5
ABT-MFS-17	17	Manual	-20°C	1 Solid	3 Fixed	34	30 ¾	67 ½	R134a	⅓	5
ABT-MFS-20	20	Manual	-20°C	1 Solid	4 Fixed	34	32 ¾	73 ¼	R134a	⅓	5
ABT-MFS-30	30	Manual	-20°C	1 Solid	3 Fixed/2 Adj.	35 ¾	34 ¼	72 ½	R404a	⅓	6
Chest Freezers											
Model	Cu. Ft.	Defrost	Temp	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-MFS-15-C	15	Manual	-20°C	1 Hinge	2 Baskets	56	29 ½	35 ⅛	R134a	¼	5
ABT-MFS-20-C	20	Manual	-20°C	1 Hinge	2 Baskets	74 ⅜	29 ½	34	R134a	¼	5

*Height Includes Casters

- One solid swing door, right hinged, not reversible (Upright Freezers)
- Mechanical thermostat
- Adjustable operating temperature range: -15°C – 25°C
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Leveling legs Upright Freezers
- Casters (2 ¾") Chest Freezers
- Interchangeable leveling legs on Chest Freezers
- Probe access port (⅜")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- One year parts and labor warranty; plus additional four year compressor parts warranty
- Manual defrost
- UL/C-UL listed (Excluding Chest Freezers)

Standard Auto-Defrost Freezers

The Standard Auto Defrost Freezers are intended for **general purpose applications** where precise temperature control and maintenance are not essential and there are no requirements for temperature alarms.

Auto defrost units have programmed defrost cycles that will reach air temperatures of approximately 0°C.

Mechanical thermostat with adjustable operating temperature range; -15°C – -20°C

Keyed door lock

ABT-AFS-14

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.

Model	Cu. Ft.	Defrost	Temp	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
*ABT-AFS-14	14	Auto	-20˚C	1 Solid	0	3 Fixed	29 ⅝	32 ¾	61 ½	R134a	¼	5
*ABT-AFS-17	17	Auto	-20˚C	1 Solid	0	4 Fixed	34	31	67	R134a	¼	5
*ABT-AFS-20	20	Auto	-20˚C	1 Solid	0	4 Fixed	35	33	73 ½	R134a	¼	5
*ABT-AFS-30	30	Auto	-20˚C	1 Solid	0	5 Adj	35 ¾	34 ¼	72 ½	R404a	½	9

- One solid swing door, right hinged, not reversible
- Mechanical thermostat
- Adjustable operating temperature range: -15°C – -20°C
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Leveling legs
- Probe access port (3/8")
- White textured cabinet and door

- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- One year parts and labor warranty, plus an additional four year compressor parts warranty
- Auto defrost
- CSA listed (14, 17, and 20 Cu. Ft. Models)
- UL/C-UL Listed (Model ABT-AFS-30)
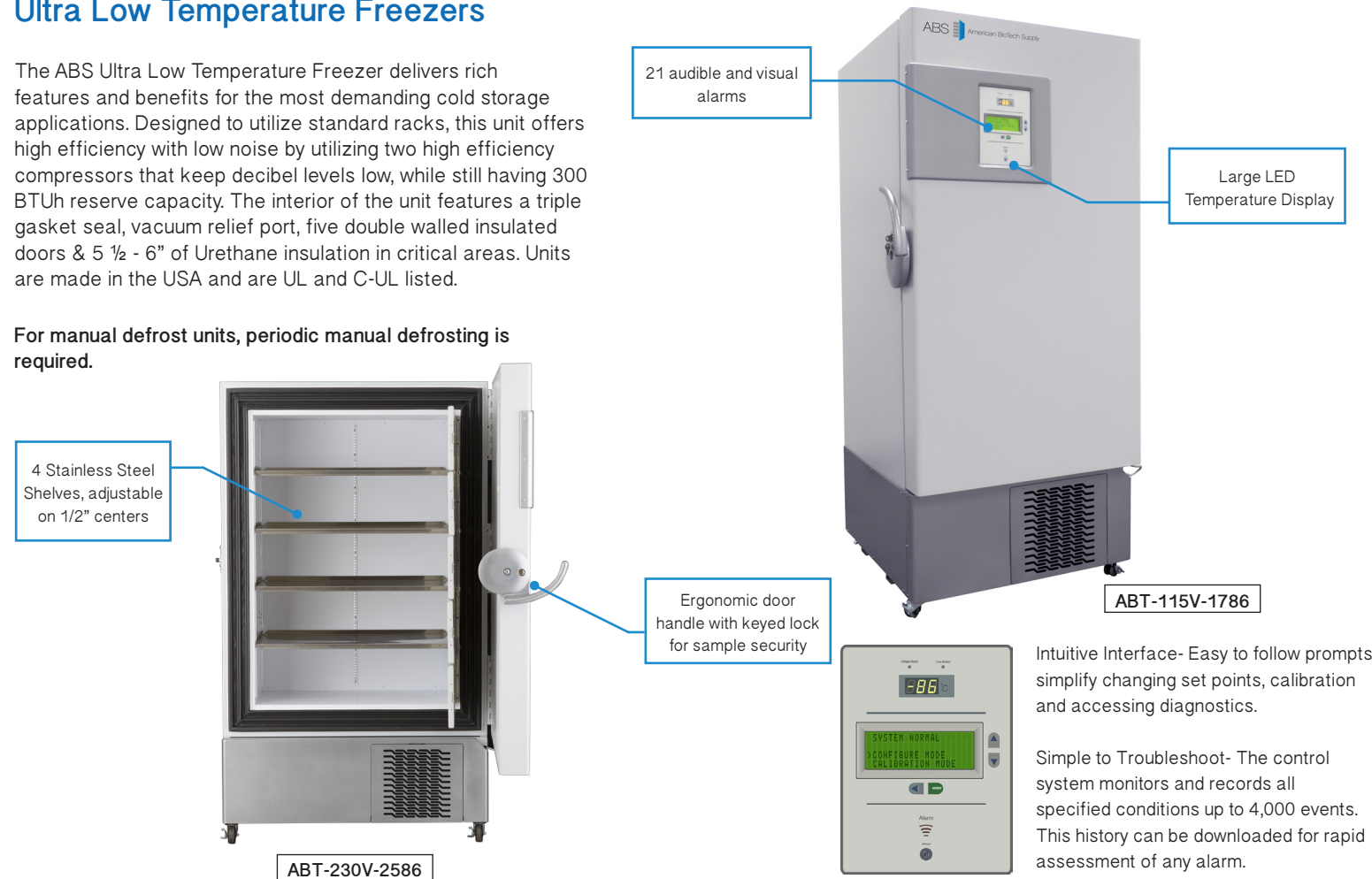
Auto-Defrost Freezers

Ultra Low Temperature
Freezers

Ultra Low Temperature Freezers

Ultra Low Temperature Freezers

The ABS Ultra Low Temperature Freezer delivers 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 BTUh reserve capacity. The interior of the unit features a triple gasket seal, vacuum relief port, five double walled insulated doors & 5 ½ - 6" of Urethane insulation in critical areas. Units are made in the USA and are UL and C-UL listed.

For manual defrost units, periodic manual defrosting is required.

21 audible and visual alarms

Large LED Temperature Display

ABT-115V-1786

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.

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

Height Includes Casters

- Temperature Range: -50°C – -86°C
- Single Swing Door
- Vacuum relief port for quick access after door closures
- Five insulated inner doors
- Cam action handle for one hand latching of exterior door.
- Handle supplied with key lock and door switch for audible and visual alarm.
- 4 Stainless steel shelves, adjustable on 1/2" centers
- Four heavy duty swivel casters with locks
- Cascade refrigeration system
- CFC Free Refrigerant
- Microprocessor temperature controller
- Touch pad keys and four line display for easy programming

- Large LED temperature readout
- Remote alarm contacts
- 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
- UL Listed

Stainless Steel Refrigerators & Freezers

TempLog Premier
Stainless Steel Validation
Refrigerators & Freezers with
Natural Refrigerants

TempLog Premier
Stainless Steel Validation
Refrigerators & Freezers with
Natural Refrigerants

TempLog Premier Stainless Steel Validation Refrigerators & Freezers

The TempLog Premier Glass & Solid Door Stainless Steel Validation Laboratory Refrigerators are purpose built for scientific and medical applications. An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings. **(Refrigerators only)** Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

The all-new Touch Screen temperature display and alarm module offers the latest in advanced temperature control and data logging. Industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible/visual high and low temperature alarms, along with power outage, sensor error and door ajar alarms, remote alarm dry contacts, a 4-20mA output and an access port are provided to simplify connections to existing facility monitoring systems. A USB port is provided for easy transfer as well as software updates.

Auto defrost freezer models have programmed defrost cycles that will reach air temperatures of approximately 0°C. ABS's NIST traceable data acquisition equipment assuring reproducible operation. If provided with a Requirements Document, ABS will make every effort to fulfill or exceed each condition.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

ABT-HCPP-49G-TS

The all-new Touch Screen temperature display and alarm module offers industry-leading product security. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible and visual alarms, remote alarm contacts, a 4-20mA output and an access port. A USB port is provided for easy data transfer.

Stainless steel interior/exterior

Standard features; Multi-Point temperature mapping via NIST traceable data acquisition, 15 probes in air and 3 probes in sample solution for 360 minutes with temperature readings every 60 seconds

ABT-AFPP-49-TS

Refrigerators

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HCPP-23G-TS	23	Cycle	1 Glass	3 Adj	27	31 ⅝	83 ¼	R290	¼	2.2
ABT-HCPP-23-TS	23	Cycle	1 Solid	3 Adj	27	30 ¾	83 ¼	R290	¼	2.2
ABT-HCPP-49G-TS	49	Cycle	2 Glass	6 Adj	54	31 ⅝	83 ¼	R290	½	5.4
ABT-HCPP-49-TS	49	Cycle	2 Solid	6 Adj	54	30 ¾	83 ¼	R290	½	5.4
ABT-HCPP-72G-TS	72	Cycle	3 Glass	9 Adj	78 ⅛	31 ⅝	83 ⅝	R290	¾	6.9
ABT-HCPP-72-TS	72	Cycle	3 Solid	9 Adj	78 ⅛	30 ¾	83⅝	R290	¾	6.9

Height Includes Casters

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer.

Freezers

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
*ABT-AFPP-23-TS	23	Auto	1 Solid	3 Adj	27	30 ¾	83 ¼	R290	½	3.7
*ABT-AFPP-49-TS	49	Auto	2 Solid	6 Adj	54	30 ¾	83 ¼	R290	1	9.6

Height Includes Casters

- Multi-Point temperature mapping via NIST traceable data acquisition, 15 probes in air and 3 probes in sample solution for 360 minutes with temperature readings every 60 seconds
- Microprocessor temperature controller
- Adjustable operating temperature range:
  Refrigerators: 1°C – 10°C
  Freezers: -15°C – -25°C
- Touch Screen Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Password-protected control panel
- Sample simulated digital temperature display; .1° Resolution, adjustable temperature display in Celsius or Fahrenheit

- Active temperature scale bar display
- Resettable 1-point min/max history
- Digital 24-hour temperature chart
- Temperature & alarm event data logging
- USB port for data transfer and software updates
- Real-time operational display clock
- 4-20mA output
- Electronic troubleshooting guide
- Electronic QR Code to access Owner's Manual & technical support contact Information
- Adjustable alarm volume
- Audible and visual high/low temperature alarms

- Sensor error alarm
- Power failure alarm
- Door ajar alarm
- Low battery alarm
- Operation indicator
- Alarm validation (audible, visual, and remote alarm)
- Alarm mute with ring back
- Remote alarm contacts
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Swivel casters (5")

- Interior light
- Probe access port (⅜")
- Stainless steel interior/exterior
- High density urethane foam cabinet insulation
- HFC-free refrigerant (R290), foam insulation and packaging
- Three year parts and labor warranty, plus an additional two year compressor parts warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Auto defrost
- UL/C-UL listed

Premier
Stainless Steel Validation Refrigerators & Freezers with Natural Refrigerants

Premier Stainless Steel Validation Refrigerators & Freezers

The Premier Stainless Steel Validation Refrigerator & Freezers are performance qualified to help satisfy qualification and validation requirements. An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings. **(Refrigerators only)** Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

Auto defrost freezer models have programmed defrost cycles that will reach air temperatures of approximately 0°C. ABS's NIST traceable data acquisition equipment assuring reproducible operation. If provided with a Requirements Document, ABS will make every effort to fulfill or exceed each condition.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

ABT-HCPP-49G

The Premier Stainless Steel Validation Refrigerators & Freezers are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

Standard features; Multi-Point temperature mapping via NIST traceable data acquisition, 15 probes in air and 3 probes in sample solution for 360 minutes with temperature readings every 60 seconds

Stainless steel interior/exterior

ABT-AFPP-23

Refrigerators

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HCPP-23G	23	Cycle	1 Glass	3 Adj	27	31 ⅝	83 ¼	R290	¼	2.2
ABT-HCPP-23	23	Cycle	1 Solid	3 Adj	27	30 ¾	83 ¼	R290	¼	2.2
ABT-HCPP-49G	49	Cycle	2 Glass	6 Adj	54	31 ⅝	83 ¼	R290	½	5.4
ABT-HCPP-49	49	Cycle	2 Solid	6 Adj	54	30 ¾	83 ¼	R290	½	5.4
ABT-HCPP-72G	72	Cycle	3 Glass	9 Adj	78 ⅛	31 ⅝	83 ⅝	R290	¾	6.9
ABT-HCPP-72	72	Cycle	3 Solid	9 Adj	78 ⅛	30 ¾	83⅝	R290	¾	6.9

Height Includes Casters

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer.

Freezers

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
*ABT-AFPP-23	23	Auto	1 Solid	3 Adj	27	30 ¾	83 ¼	R290	½	3.7
*ABT-AFPP-49	49	Auto	2 Solid	6 Adj	54	30 ¾	83 ¼	R290	1	9.6

Height Includes Casters

- Multi-Point temperature mapping via NIST traceable data acquisition, 15 probes in air and 3 probes in sample solution for 360 minutes with temperature readings every 60 seconds
- Standard digital temperature display and alarm module with battery back-up to support temperature monitoring and alarms
- Microprocessor Temperature Controller
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C

- Digital Temperature Display and Alarm Module
- Sample simulated digital temperature display; .1° Resolution
- Adjustable temperature display in Celsius or Fahrenheit
- Audible and visual high/low temperature alarms
- Sensor error alarm
- Power failure alarm
- Resettable 1-point min/max history
- Remote alarm contacts
- Alarm validation (audible, visual, and remote alarm)

- Alarm mute with ring back
- Standard digital temperature display and alarm module with battery back-up to support temperature monitoring and alarms
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Swivel casters (5")
- Interior light
- Probe access port (⅜")

- Stainless steel interior/exterior
- High density urethane foam cabinet insulation
- HFC-free refrigerant (R290), foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Auto defrost
- UL/C-UL listed

Premier Stainless Steel Refrigerators

Premier Stainless Steel Refrigerators

The Premier Stainless Steel Refrigerators feature a microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.

The Premier Stainless Steel Refrigerators take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.

Stainless steel interior floor; stainless steel exterior

ABT-SSP-49

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-SSP-23	23	Cycle	1 Solid	3 Adj	26 ¾	34 ⅞	83 ⅞	R134a	3/8	6
ABT-SSP-49	49	Cycle	2 Solid	6 Adj	54	35	84	R134a	1/2	9

Height Includes Casters

- Microprocessor temperature controller
- Digital temperature display
- 2 probes; 1 in air and 1 in sample simulated bottle
- Audible and visual high and low temperature alarms
- Remote alarm contacts
- Adjustable operating temperature range: 1°C – 10°C
- Keyed door lock
- Magnetic door gasket for positive seal
- Integrated door handle
- Swivel casters (6 ½")

- Interior light
- Probe access port (⅜") Stainless steel interior floor
- Stainless steel exterior
- High density urethane foam cabinet insulation
- CFC-free refrigerant (R134a)
- Foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- Cycle defrost
- UL/C-UL listed

Undercounter Refrigerators and Freezers

Premier Built-in Undercounter Refrigerators & Freezers

Premier Built-In Undercounter Refrigerators & Freezers

The Premier Built In Undercounter Refrigerators and Freezers feature a microprocessor temperature controller and display, which allows for precise temperature control, verification and recovery versus mechanical style thermostats.

An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings (REFRIGERATORS ONLY).

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

Back wall evaporator cover

ABT-HC-UCBI-0404SS

ABT-HC-UCBI-0404G-ADA

The Undercounter Built-in models ("UCBI") are designed with a "front-breathing" ventilation system, eliminating the need for clearance around the top and sides of the unit; enabling the user to incorporate these units into cabinets and other applications where free space is limited.

The Premier Built-in Undercounter units take a large step forward in performance from past solid door general purpose units; offering a Digital temperature display and alarm module coupled with a microprocessor temperature controller.

Digital display can show air or sample temperatures

For manual defrost units, periodic manual defrosting is required.

Front venting design allows units to be completely enclosed in case work

ABT-HC-UCBI-0420

ABT-HC-UCBI-0420ADA

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer.

Refrigerators

Model		Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-UCBI-0404		4.6	Cycle	1 Solid	2 Adj/1 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.74
ABT-HC-UCBI-0404-LH		4.6	Cycle	1 Solid LH	2 Adj/1 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.74
ABT-HC-UCBI-0404G		4.6	Cycle	1 Glass	2 Adj/1 Fixed	23 ¾	25 ½	33 ⅜	R600a	⅛	1.74
ABT-HC-UCBI-0404G-LH		4.6	Cycle	1 Glass LH	2 Adj/1 Fixed	23 ¾	25 ½	33 ⅜	R600a	⅛	1.74
ABT-HC-UCBI-0404G-ADA		4.6	Cycle	1 Glass	2 Adj/1 Fixed	23 ¾	25 ½	31 ¹⁵/₁₆	R600a	⅛	1.74
ABT-HC-UCBI-0404G-ADA-LH		4.6	Cycle	1 Glass LH	2 Adj/1 Fixed	23 ¾	25 ½	31 ¹⁵/₁₆	R600a	⅛	1.74
ABT-HC-UCBI-0404SS		4.5	Cycle	1 Solid	2 Adj/1 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.74
ABT-HC-UCBI-0404SS-LH		4.5	Cycle	1 Solid LH	2 Adj/1 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.74

Freezers

Model		Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-UCBI-0420		4.2	Manual	1 Solid	2 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.5
ABT-HC-UCBI-0420-LH		4.2	Manual	1 Solid LH	2 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.5
ABT-HC-UCBI-0420-ADA		4.2	Manual	1 Solid	2 Fixed	23 ¾	24 ½	31 ¹⁵/₁₆	R600a	⅛	1.5
ABT-HC-UCBI-0420-ADA-LH		4.2	Manual	1 Solid LH	2 Fixed	23 ¾	24 ½	31 ¹⁵/₁₆	R600a	⅛	1.5
ABT-HC-UCBI-0420SS		4.2	Manual	1 Solid	2 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.5
ABT-HC-UCBI-0420SS-LH		4.2	Manual	1 Solid LH	2 Fixed	23 ¾	24 ½	33 ⅜	R600a	⅛	1.5
*ABT-HC-UCBI-0420A		4.2	Auto	1 Solid	3 Adj	23 ¾	24 ½	33 ⅜	R290	⅛	1.8
*ABT-HC-UCBI-0420A-LH		4.2	Auto	1 Solid LH	3 Adj	23 ¾	24 ½	33 ⅜	R290	⅛	1.8

- Microprocessor temperature controller
- Digital temperature display
- Audible and visual high and low temperature alarms
- *Remote alarm contacts (excluding ABT-HC-UCBI-0420A and ABT-HC-UCBI-0420A-LH)

- 2 probes; 1 in air and 1 in sample simulated bottle
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Keyed door lock
- Magnetic door gasket for positive seal

- Leveling legs
- Probe access port (⅜")
- Powder coat exterior
- High density urethane foam cabinet and door insulation
- HFC-free refrigerant, foam insulation and packaging

- Two year parts and labor warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Auto & Manual defrost available
- UL/C-UL listed

Premier Freestanding Undercounter Refrigerators & Freezers

The Premier Free Standing Undercounter Refrigerators and Freezers feature a microprocessor temperature controller and display, which allows for precise temperature control, verification and recovery versus mechanical style thermostats.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings (REFRIGERATORS ONLY).

Critical samples and supplies are security backed with an extensive package of audible and visual alarms. The freezer units feature either an automatic or manual defrost operating system.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

The Premier Freestanding Refrigerators and Freezers take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.

For manual defrost units, periodic manual defrosting is required.

Small countertop units perfect for clinical trials or low volume applications

ABT-HC-UCFS-0430

ABT-HC-UCFS-0104G

ABT-HC-UCFS-0204

ABT-HC-UCFS-0120

Forced draft circulation allows for rapid recovery after door opening and superior temperature uniformity

Freestanding models ("UCFS") require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Refrigerators										
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-UCFS-0104	1	Cycle	1 Solid	2 Adj	17 ¼	19 1/4	21 ¼	R600a	⅛	.90
ABT-HC-UCFS-0104-LH	1	Cycle	1 Solid LH	2 Adj	17 ¼	19 1/4	21 ¼	R600a	⅛	.90
ABT-HC-UCFS-0104G	1	Cycle	1 Glass	2 Adj	17 ¼	19 1/4	21 ¼	R600a	⅛	.90
ABT-HC-UCFS-0104G-LH	1	Cycle	1 Glass LH	2 Adj	17 ¼	19 1/4	21 ¼	R600a	⅛	.90
ABT-HC-UCFS-0204	2.5	Cycle	1 Solid	4 Adj	17 ¾	19 1/2	28 ⅞	R600a	⅛	.90
ABT-HC-UCFS-0204G	2.5	Cycle	1 Glass	4 Adj	17 ¾	19 1/2	28 ⅞	R600a	⅛	.90
ABT-HC-UCFS-0504G	5.2	Cycle	1 Glass	3 Adj	23 ¾	24	32 ⅛	R600a	⅙	1.74

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer.

Freezers										
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-UCFS-0120	1.7	Manual	1 Solid	2 Adj	23 ¾	24	20 ⅜	R600a	⅛	1
ABT-HC-UCFS-0120-LH	1.7	Manual	1 Solid LH	2 Adj	23 ¾	24	20 ⅜	R600a	⅛	1
*ABT-HC-UCFS-0120A	1.3	Auto	1 Solid	2 Adj	23 ¾	24	20 ⅜	R600a	⅛	1
*ABT-HC-UCFS-0120A-LH	1.3	Auto	1 Solid LH	2 Adj	23 ¾	24	20 ⅜	R600a	⅛	1
ABT-HC-UCFS-0430	4	Manual	1 Solid	3 Adj	23 ¾	24	32 ⅛	R600a	¼	2.2
ABT-HC-UCFS-0440	4	Manual	1 Solid	3 Adj	23 ¾	24	32 ⅛	R600a	¼	2.2

- Microprocessor temperature controller
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Digital temperature display
- 2 probes; 1 in air and 1 in sample simulated bottle
- Audible and visual high and low temperature alarms

- Remote alarm contacts
- Back wall evaporator cover
- Forced draft circulation (refrigerators only)
- Keyed door lock
- Magnetic door gasket for positive seal
- Leveling legs

- Probe access port (⅜")
- Powder coat exterior
- High density urethane foam cabinet and door insulation
- HFC-free refrigerant (R600a), foam insulation and packaging
- Two year parts and labor warranty
- Note: This unit must have 4" clearance on sides and back for adequate ventilation

- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Auto & Manual defrost available
- ADA compliant units available
- UL/C-UL listed

Standard Freestanding Undercounter Refrigerators & Freezers

Standard Freestanding Undercounter Refrigerators & Freezers

The Standard Free Standing Undercounter Refrigerators and Freezers are intended for general purpose applications only where precise temperature control and maintenance are not essential and there are no requirements for temperature alarms.
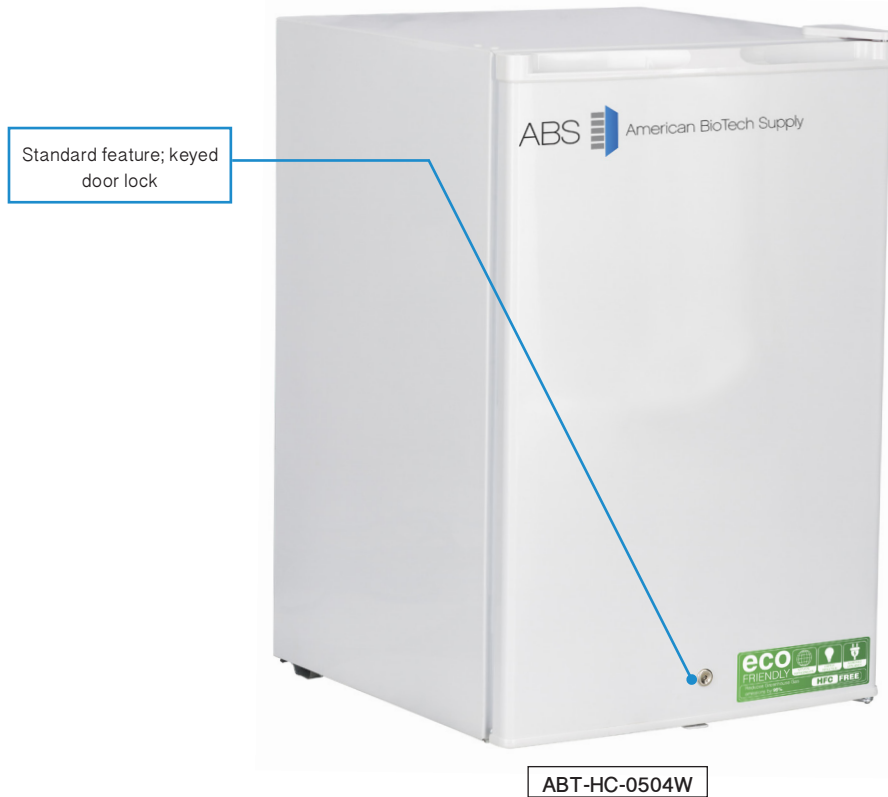
Freezers feature a manual defrost operating system to limit product-damaging temperature spikes found in auto defrost units.

Periodic manual defrosting is required on freezer models.

Designed specifically for General Purpose applications where precise temperature control, maintenance and alarms are not necessary

Standard feature; keyed door lock

ABT-HC-0504W

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

Freestanding models ("UCFS") require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Refrigerator										
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-UCFS-0504W	5	Cycle	1 Solid	2 Adj/ 1 Fixed	20 ¼	21 3/4	32 ¼	R600a	$^1/_7$	0.9
Freezers										
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-UCFS-0220M	1.5	Manual	1 Solid	1 Fixed	18 ½	19 ½	19 ½	R600a	$^1/_{10}$	1.1
ABT-HC-UCFS-0420W	4	Manual	1 Solid	2 Fixed	21 ½	22 ¼	32 ¾	R600a	$^1/_7$	0.9

- Mechanical thermostat
- Adjustable operating temperature range:
- Refrigerator: 1°C – 10°C
- Freezer: -15°C – -25°C
- Keyed door lock
- Magnetic door gasket for positive seal
- Recessed door handle
- Leveling legs
- Probe access port (⅜")

- White cabinet and door
- High density urethane foam cabinet and door insulation
- HFC-free refrigerant (R600a), foam insulation and packaging
- One year parts and labor warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Manual defrost
- UL/C-UL listed

Pass Thru Refrigerators

Premier Pass Thru Refrigerators

These units feature both front and rear door access for applications where the loading and removal of product from both sides of the unit is required. Pass-Thru units are ideal for clean room and Pharmacy IV preparation applications.
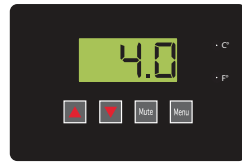
The Premier Pass-Thru Refrigerators also feature microprocessor temperature controller and display, allowing for precise temperature control, verification and recovery versus mechanical style thermostats. Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

The Premier Pass Thru Refrigerators are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

Available in either sliding or swinging glass front doors; two solid rear swinging doors

ABT-HCPTP-49

Model	Cu. Ft.	Defrost	Front Door	Back Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HCPTP-47	47	Cycle	2 Sliding	2 Solid	8 Adj	54 ⅛	32 ⅜	82 ⅝	R290	½	8.8
ABT-HCPTP-49	49	Cycle	2 Swing	2 Solid	8 Adj	54 ⅛	33 ⅞	82 ⅝	R290	½	8.5

Height Includes Casters

- Microprocessor Temperature Controller
- Adjustable operating temperature range: 1°C – 10°C
- Standard digital temperature display and alarm module with battery back-up to support temperature monitoring and alarms
- Digital Temperature Display and Alarm Module
- Sample simulated digital temperature display; .1° Resolution
- Adjustable temperature display in Celsius or Fahrenheit
- Audible and visual high/low temperature alarms
- Sensor error alarm
- Power failure alarm
- Resettable 1-point Min/Max History
- Remote alarm contacts
- Alarm validation (audible, visual, and remote alarm)

- Alarm mute with ring back
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Swivel casters (4")
- One probe access port (⅜")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- HFC-free refrigerant (R290), foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- Cycle defrost
- UL/C-UL listed

Flammable Storage
Refrigerators & Freezers

TempLog Premier Flammable Refrigerators & Freezers

TempLog Premier Flammable Refrigerators & Freezers

The TempLog Premier Flammable Storage Refrigerators & Freezers meet NFPA and OSHA guidelines 45 and 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.

These units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new Touch Screen temperature display and alarm module offers the latest in advanced temperature control and data logging. Industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible/visual high and low temperature alarms, along with power outage, sensor error and door ajar alarms, remote alarm dry contacts, a 4-20mA output and an access port are provided to simplify connections to existing facility monitoring systems. A USB port is provided for easy transfer as well as software updates.

There are no electrical components located in the interior of the unit and the compressor's electrical components have been sealed in a vapor-proof enclosure for additional safety.

These units are NOT designed for use in environments where volatile/explosive conditions could potentially exist.

Sample simulated temperature display to show real-time product temperatures

ABT-FRP-14-TS

ABT-FRP-17-TS

The all-new Touch Screen temperature display and alarm module offers industry-leading product security. Real-time sample simulated temperatures are constantly displayed, logged and supported by audible and visual alarms, remote alarm contacts, a 4-20mA output and an access port. A USB port is provided for easy data transfer.

For manual defrost freezers, periodic manual defrosting is required.

Units meet National Fire Protection Association guidelines 45 and 70

ABT-FFP-14-TS

ABT-FFP-17-TS

ABT-FFP-20-TS

Refrigerators										
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-FRP-14-TS	14	Cycle	1 Solid	1 Adj/2 Fixed	29 ¾	34 ¼	65 ¾	R134a	⅓	5
ABT-FRP-17-TS	17	Cycle	1 Solid	1 Adj/2 Fixed	34	32 ¼	71 ⅜	R134a	⅓	5
ABT-FRP-20-TS	20	Cycle	1 Solid	1 Adj/3 Fixed	34	34 ½	76 ¾	R134a	⅓	5
ABT-FRP-30-TS	30	Cycle	1 Solid	5 Adj	35 ¾	35	76 ¾	R404a	⅓	6

Freezers										
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-FFP-14-TS	14	Manual	1 Solid	3 Fixed	29 ¾	34 ¼	65 ¾	R134a	⅓	5
ABT-FFP-17-TS	17	Manual	1 Solid	3 Fixed	34	32 ¼	71 ⅜	R134a	⅓	5
ABT-FFP-20-TS	20	Manual	1 Solid	4 Fixed	34	34 ½	76 ¾	R134a	⅓	5
ABT-FFP-30-TS	30	Manual	1 Solid	4 Fixed	35 ¾	35	76 ¾	R404a	⅓	6

- Microprocessor temperature controller
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Touch Screen Digital Temperature Display and Alarm Module with battery back-up to support temperature monitoring and alarms
- Password-protected control panel
- Sample simulated digital temperature display; .1° Resolution, adjustable temperature display in Celsius or Fahrenheit
- Active temperature scale bar display
- Resettable 1-point min/max history

- Digital 24-hour temperature chart
- Temperature data logging
- USB port for data transfer and software updates
- Real-time operational display clock
- 4-20mA output
- Electronic troubleshooting guide
- Electronic QR Code to access Owner's Manual & technical support contact Information
- Adjustable alarm volume
- Audible and visual high/low temperature alarms
- Sensor error alarm

- Power failure alarm
- Door ajar alarm
- Low battery alarm
- Operation indicator
- Alarm validation (audible, visual, and remote alarm)
- Alarm mute with ring back
- Remote alarm contacts
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty stainless steel door handle
- Leveling legs

- One probe access port (⅜")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- Three year parts and labor warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Manual defrost
- UL/C-UL listed
- Units meet NFPA guidelines 45 and 70

Premier Flammable Storage Refrigerators & Freezers

The Premier Flammable Storage Refrigerators and Freezers meet NFPA and OSHA guidelines 45 and 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.

These units feature a microprocessor temperature controller and display, allowing for precise temperature control, verification and recovery versus mechanical style thermostats. Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

There are no electrical components located in the interior of the unit and the compressor's electrical components have been sealed in a vapor-proof enclosure for additional safety.

These units are NOT designed for use in environments where volatile / explosive conditions could potentially exist.

Units meet National Fire Protection Association guidelines 45 and 70

ABT-FRP-20

The Premier Flammable Storage units are also purpose built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The all-new temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

Digital temperature display and alarm module

ABT-FFP-17

ABT-FFP-20

Refrigerators									
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-FRP-14	14	Cycle	1 Solid	1 Adj/2 Fixed	29 ¾	34 ¼	65 ¾	R134a	⅓	5
ABT-FRP-17	17	Cycle	1 Solid	1 Adj/2 Fixed	34	32 ¼	71 ⅜	R134a	⅓	5
ABT-FRP-20	20	Cycle	1 Solid	1 Adj/3 Fixed	34	34 ½	76 ¾	R134a	⅓	5
ABT-FRP-30	30	Cycle	1 Solid	5 Adj	35 ¾	35	76 ¾	R404a	⅓	6

For manual defrost freezers, periodic manual defrosting is required.

Freezers									
Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-FFP-14	14	Manual	1 Solid	3 Fixed	29 ¾	34 ¼	65 ¾	R134a	⅓	5
ABT-FFP-17	17	Manual	1 Solid	3 Fixed	34	32 ¼	71 ⅜	R134a	⅓	5
ABT-FFP-20	20	Manual	1 Solid	4 Fixed	34	34 ½	76 ¾	R134a	⅓	5
ABT-FFP-30	30	Manual	1 Solid	4 Fixed	35 ¾	35	76 ¾	R404a	⅓	6

- Microprocessor Temperature Controller
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Standard digital temperature display and alarm module with battery back-up to support temperature monitoring and alarms
- Digital Temperature Display and Alarm Module

- Remote alarm contacts
- Adjustable temperature display in Celsius or Fahrenheit
- Keyed door lock
- Sensor error alarm
- Power failure alarm
- Resettable 1-point Min/Max History
- Sample simulated digital temperature display; .1° Resolution

- Audible and visual high/low temperature alarms
- Magnetic door gasket for positive seal
- Heavy duty stainless steel door handle
- Leveling legs
- One probe access port (⅜")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation

- CFC-free refrigerant, foam insulation and packaging
- Two year parts and labor warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Manual defrost
- UL/C-UL listed
- Units meet NFPA guidelines 45 and 70

Premier Flammable Storage Refrigerators & Freezers with Natural Refrigerants

Premier Flammable Storage Refrigerators & Freezers with Natural Refrigerants

The Premier Flammable Storage Refrigerators and Freezers with Natural Refrigerants are purpose built for scientific and medical applications. These units meet NFPA and OSHA guidelines 45 and 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system.
Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

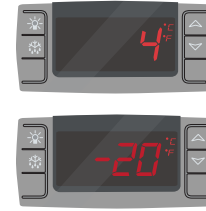**For manual defrost freezers, periodic manual defrosting is required.**

There are no electrical components located in the interior of the unit and the compressor's electrical components have been sealed in a vapor-proof enclosure for additional safety.

These units are NOT designed for use in environments where volatile / explosive conditions could potentially exist.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

Both units feature digital displays, alarms and remote alarm contacts

ABT-HC-FRFC-10

ABT-FRP-04

The Premier Natural Refrigerant Manual Defrost Laboratory Freezer takes a large step forward in performance from past solid door general purpose units; offering a Digital temperature display and alarm module coupled with a microprocessor temperature controller.

Digital temperature display and alarm module.

Units meet National Fire Protection Association guidelines 45 and 70

ABT-HC-FFP-20

Freestanding models require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Refrigerators									
Model	**Cu. Ft.**	**Defrost**	**Doors**	**Shelves**	**W"**	**D"**	**H"**	**RL**	**H.P.**	**Amps**
ABT-FRP-04	5	Cycle	1 Solid	3 Adj	23 ⅝	24 ¼	32 ³/₁₆	R600a	1/9	1.2
Refrigerators/Freezer Combos									
Model	**Cu. Ft.**	**Defrost**	**Doors**	**Shelves**	**W"**	**D"**	**H"**	**RL**
ABT-HC-FRFC10	5/4	Cycle/Manual	2 Solid	3 Adj Ref/2 Adj Fr	23 ⅝	24 ¼	65 ⅜	R600a

Freestanding models require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Freezers									
Model	**Cu. Ft.**	**Defrost**	**Doors**	**Shelves**	**W"**	**D"**	**H"**	**RL**	**H.P.**	**Amps**
ABT-FFP-04	4	Manual	1 Solid	2 Fixed	23 ⅝	24 ¼	32 ³/₁₆	R600a	1/8	1.4
ABT-HC-FFP-14	14	Manual	1 Solid	4 Fixed	23 ⅝	24 ⅜	73	R290a	1/2	1.96
ABT-HC-FFP-20	20	Manual	1 Solid	6 Fixed	30 ¾	28 ½	74 ⅝	R290a	1/2	1.96

- Microprocessor Temperature Controller
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Digital Temperature Display
- Remote alarm contacts

- Adjustable temperature display in Celsius or Fahrenheit
- Keyed door lock
- Audible and visual high/low temperature alarms
- Magnetic door gasket for positive seal
- Integrated door handle

- Leveling legs
- One probe access port (⅜")
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant (R134a), foam insulation and packaging
- Two year parts and labor warranty

- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Manual defrost
- UL/C-UL listed
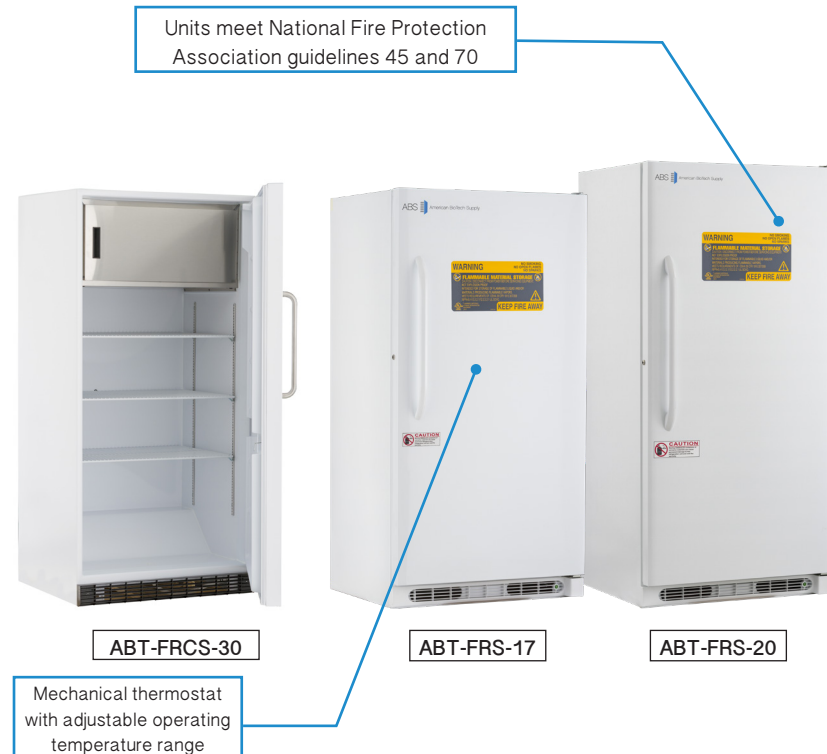- Units meet NFPA guidelines 45 and 70

Standard Flammable Storage Refrigerators & Freezers

Standard Flammable Storage Refrigerators & Freezers meet NFPA and OSHA guidelines 45 and 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.

There are no electrical components located in the interior of the unit and the compressor's electrical components have been sealed in a vapor-proof enclosure for additional safety.

For manual defrost freezers, periodic manual defrosting is required.

These units are NOT designed for use in environments where volatile/explosive conditions could potentially exist.

Units meet National Fire Protection Association guidelines 45 and 70

ABT-FRCS-30   ABT-FRS-17   ABT-FRS-20

Mechanical thermostat with adjustable operating temperature range

Refrigerators										
Model	Cu. Ft.	Defrost	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-FRS-14	14	Cycle	1 Solid	0	1 Adj/2 Fixed	29 ¾	34 ¼	62	R134a	⅓	5
ABT-FRS-17	17	Cycle	1 Solid	0	1 Adj/2 Fixed	34	33	67 ⅝	R134a	⅓	5
ABT-FRS-20	20	Cycle	1 Solid	0	1 Adj/3 Fixed	34	35 ¼	73 ¼	R134a	⅓	5
ABT-FRS-30	30	Cycle	1 Solid	0	5 Adj	35 ¾	35 ½	72 ½	R404a	⅓	6
ABT-FRCS-30	30	Cycle/Manual	1 Solid	1 Freezer	3 Adj	35 ¾	35 ½	72 ½	R404a	⅓	6

Freezers										
Model	Cu. Ft.	Defrost	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-FFS-14	14	Manual	1 Solid	0	3 Fixed	29 ¾	34 ¼	62	R134a	⅓	5
ABT-FFS-17	17	Manual	1 Solid	0	3 Fixed	34	33	67 ⅝	R134a	⅓	5
ABT-FFS-20	20	Manual	1 Solid	0	4 Fixed	34	35¼	73 ¼	R134a	⅓	5
ABT-FFS-30	30	Manual	1 Solid	0	4 Fixed	35 ¾	35 ½	72 ½	R404a	⅓	6

- Mechanical thermostat
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Leveling legs
- Probe access port (⅝")
- White textured cabinet and door

- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- One year parts and labor warranty
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Manual defrost
- UL/C-UL listed
- Units meet NFPA guidelines 45 and 70

Hazardous Refrigerators & Freezers

Standard Hazardous Location (Explosion Proof) Refrigerators & Freezers

Standard Explosion Proof Hazardous Location Refrigerators & Freezers

Standard Hazardous Material Storage (Explosion Proof) Refrigerators & Freezers meet NFPA and OSHA guidelines for Hazardous Locations, Class 1, Division II, Group C & D. These units are engineered for use in environments where volatile / explosive conditions could potentially exist.

They are not intended for common lab / room environments that are not designed to be explosion proof (See: Flammable Material units).

Units are designed with no internal electrical components and all external components are sealed per NFPA and OSHA guidelines. Units must be hard wired in conduit to 120VAC power source.

For manual defrost freezers, periodic manual defrosting is required.

Power cords with plugs are NOT ACCEPTABLE.

Mechanical thermostat sealed in UL listed explosion proof box

ABT-ERS-20

ABT-EFS-30

Meets NFPA and OSHA guidelines for hazardous locations, Class 1, Division II, Group C & D

Refrigerators											
Model	Cu. Ft.	Defrost	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-ERS-14	14	Cycle	1 Solid	0	1 Adj/2 Fixed	29 ⅞	34 ½	66 ½	R134a	⅓	5
ABT-ERS-17	17	Cycle	1 Solid	0	1 Adj/2 Fixed	34	32 ½	72	R134a	⅓	5
ABT-ERS-20	20	Cycle	1 Solid	0	1 Adj/3 Fixed	34	34 ½	77 ¾	R134a	⅓	5
ABT-ERS-30	30	Cycle	1 Solid	0	5 Adj	35 ¾	35	77 ½	R404a	⅓	6
ABT-ERCS-30	30	Cycle/Manual	1 Solid	1 Freezer	3 Adj-Ref	35 ¾	35	77 ½	R404a	⅓	6

Freezers											
Model	Cu. Ft.	Defrost	Doors	Int Door	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-EFS-14	14	Manual	1 Solid	0	3 Fixed	29 ⅞	34 ½	66 ½	R134a	⅓	5
ABT-EFS-17	17	Manual	1 Solid	0	3 Fixed	34	32 ½	72	R134a	⅓	5
ABT-EFS-20	20	Manual	1 Solid	0	4 Fixed	34	34 ½	77 ¾	R134a	⅓	5
ABT-EFS-30	30	Manual	1 Solid	0	4 Fixed	35 ¾	35	77 ½	R404a	⅓	6

- Mechanical thermostat sealed in UL listed explosion proof box
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Keyed door lock
- Magnetic door gasket for positive seal
- Heavy duty door handle
- Leveling legs
- White textured cabinet and door
- High density urethane foam cabinet and door insulation
- CFC-free refrigerant, foam insulation and packaging
- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Manual defrost
- Not equipped with line cord and plug; must be hardwired in conduit to 120 VAC power source
- UL/C-UL listed
- One year parts and labor warranty
- Meet NFPA and OSHA guidelines for hazardous locations, Class 1, Division II, Group C & D.
- **These units are not intended for use in general clinical or research laboratories.**

Compact Laboratory Refrigerators

Premier Compact Laboratory Refrigerators

Premier Compact Laboratory Refrigerators

The Premier compact laboratory Refrigerators are purpose built for scientific and medical applications. To improve performance, the Premier Compact Laboratory Refrigerators feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies.

The all-new temperature display and alarm module offers product security with a monitoring and alarm system. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems.

A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product damaging temperature spikes.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates

The Premier Compact Refrigerators take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.

6 Adjustable shelves with guard rail on back to prevent product from being pushed against back wall

ABT-HC-10PG

Freestanding models require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-HC-10PG	10.5	Cycle	1 Glass	6 Adj	23 ¾	26 ½	59	R600a	⅓	2.3
ABT-HC-10PS	10.5	Cycle	1 Solid	6 Adj	23 ¾	26 ½	59	R600a	⅓	2.3

- Microprocessor temperature controller
- Digital temperature display
- Audible and visual high and low temperature alarms
- Remote alarm contacts
- Adjustable operating temperature range: 1°C – 10°C
- Bottom footed shelf to allow air circulation
- Back wall evaporator cover
- Forced draft circulation
- Keyed door lock
- Magnetic door gasket for positive seal
- Leveling legs

- Two probes; 1 in air and 1 in sample simulated bottle
- LED interior light
- Probe access port (⅝")
- Powder coat exterior
- High density urethane foam cabinet insulation
- HFC-free refrigerant (R600a), foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty
- UL/C-UL listed
- Cycle defrost

Dual Temperature Refrigerator/Freezer Combos

Premier Dual Temp Combos

The Premier Dual Temp Combination Refrigerator/Freezers feature separate microprocessor temperature controller allowing for precise temperature control, verification and recovery.

All models are equipped with digital temperature displays for convenient monitoring. Critical samples and supplies are security backed with an extensive package of audible and visual alarms.

The refrigerator units feature an interior fan driven, forced-draft air circulation system provides excellent temperature uniformity and recovery after door openings

The freezer units feature either an automatic or manual defrost operating system. For manual defrost freezers, periodic manual defrosting is required.

The RFC-9 and RFC-9SS models are designed with a "front-breathing" ventilation system, eliminating the need for clearance around the top and sides of the unit; enabling the user to incorporate these units into cabinets and other applications where free space is limited. All other models require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Environmentally friendly, natural hydrocarbon (HC) refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates (Excluding ABT-RFC-16A)

ABT-HC-RFC12   ABT-HC-RFC12G

The Premier Dual Temp units take a large step forward in performance from past solid door general purpose units; offering a Digital temperature display and alarm module coupled with a microprocessor temperature controller.

2 probes; 1 in air and 1 in sample simulated bottle in both Refrigerator and freezer (excluding ABT-RFC-16A)

Both units feature digital displays, alarms and remote alarm contacts

Completely independent display, alarm and compressor

ABT-HC-RFC9   ABT-HC-RFC7

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer.

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL
ABT-HC-RFC12G	10.5/1.7	Cycle/Manual	1 Glass Ref/1 Solid Fr	6 Adj Ref/2 Adj Fr	23 ¾	26 ½	80 ¼	R600a
ABT-HC-RFC12	10.5/1.7	Cycle/Manual	2 Solid	6 Adj Ref/2 Adj Fr	23 ¾	26 ½	80 ¼	R600a
*ABT-HC-RFC12A	10.5/1.3	Cycle/Auto	2 Solid	6 Adj Ref/2 Adj Fr	23 ¾	26 ½	80 ¼	R600a
*ABT-HC-RFC12GA	10.5/1.3	Cycle/Auto	1 Glass Ref/1 Solid Fr	6 Adj Ref/2 Adj Fr	23 ¾	26 ½	80 ¼	R600a
ABT-HC-RFC9	4.6/4.2	Cycle/Manual	2 Solid	2 Adj, 1 Fixed Ref/2 Fixed Fr	23 ¾	24 ½	66 ¾	R600a
ABT-HC-RFC9-LH	4.6/4.2	Cycle/Manual	2 Solid	2 Adj, 1 Fixed Ref/2 Fixed Fr	23 ¾	24 ½	66 ¾	R600a
ABT-HC-RFC9G	4.6/4.2	Cycle/Manual	1 Glass Ref/1 Solid Fr	2 Adj, 1 Fixed Ref/2 Fixed Fr	23 ¾	25 ½	66 ¾	R600a
ABT-HC-RFC9G-LH	4.6/4.2	Cycle/Manual	1 Glass Ref/1 Solid Fr	2 Adj, 1 Fixed Ref/2 Fixed Fr	23 ¾	25 ½	66 ¾	R600a
ABT-HC-RFC9SS	4.5/4.2	Cycle/Manual	2 Solid	2 Adj, 1 Fixed Ref/2 Fixed Fr	23 ¾	24 ½	66 ¾	R600a
ABT-HC-RFC9SS-LH	4.5/4.2	Cycle/Manual	2 Solid	2 Adj, 1 Fixed Ref/2 Fixed Fr	23 ¾	24 ½	66 ¾	R600a
ABT-HC-RFC7	5.2/1.7	Cycle/Manual	1 Glass Ref/1 Solid Fr	3 Adj Ref/2 Adj Fr	23 ¾	24 ¼	53 ⅛	R600a
*ABT-HC-RFC7A	5.2/1.3	Cycle/Auto	1 Glass Ref/1 Solid Fr	3 Adj Ref/2 Adj Fr	23 ¾	24 ¼	53 ⅛	R600a
*ABT-RFC-16A	13/3	Cycle/Auto	2 Solid	1 Fixed Fr/3 Adj Ref	29 ½	34 ¾	78	R134a

- Microprocessor temperature controller, refrigerator and freezer
- Digital temperature display, refrigerator and freezer
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Audible and visual high and low temperature alarms, refrigerator and freezer

- Remote alarm contacts, refrigerator and freezer
- Forced draft circulation Refrigerator
- Keyed door locks
- Magnetic door gasket for positive seal
- Integrated door handles
- Leveling legs
- Two probe access ports (⅜"); one, refrigerator/one, freezer

- White powder coated exterior
- Two independent mechanical Refrigeration systems; 1 compressor - Refrigerator, 1 compressor - Freezer
- HFC-free refrigerant (R600a) excluding the ABT-RFC-16A, foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty

- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Auto & Manual defrost available
- UL/C-UL listed
- Please note these units (excluding the ABT-RFC-16A) require 2 outlets.

Standard Dual Temp Refrigerator/Freezer Combos

The Standard Dual Temperature Combination Refrigerator/Freezer units are intended for general purpose applications only.

Select models have freezers which feature a manual defrost operating system to limit product-damaging temperature spikes found in auto defrost units. Periodic manual defrosting is required.

Models with auto defrost freezer compartments have programmed defrost cycles that will reach air temperatures of approximately 0°C.

For manual defrost freezers, periodic manual defrosting is required.

Designed specifically for General Purpose applications; where precise temperature control, maintenance and alarms are not necessary

ABT-RFC-20A

Inner freezer compartment door

ABT-RFC-30M

*DISCLAIMER: Auto defrost freezers incorporate an electric heater installed on the evaporator that assists in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer.

Model	Cu. Ft.	Defrost	Doors	Shelves	W"	D"	H"	RL	H.P.	Amps
ABT-RFC-3M	3	Manual/Cycle	2 Solid	1 Bin/ 1 Fixed Ref/1 Adj Ref	19	19 ½	33 ¾	R134a	⅙	1.3
*ABT-RFC-17A	17	Auto	2 Solid	2 Adj/1 Fixed Ref	28 ½	32	65	R134a	¼	6
*ABT-RFC-20A	20	Auto	2 Solid	2 Adj/1 Fixed Ref, 1 Fixed Fr	30	34 ¼	68 ½	R134a	¼	6
ABT-RFC-30M	30	Manual	1 Solid	3 Adj, Ref	35 ¾	35 ½	72 ½	R134a	⅓	6

- Mechanical thermostat
- Adjustable operating temperature range:
  Refrigerator: 1°C – 10°C
  Freezer: -15°C – -25°C
- Magnetic door gasket for positive seal

- Heavy duty door handles
- Leveling legs
- Two probe access ports (3/8"); one, refrigerator/one, freezer (excluding ABT-RFC-3M)
- White textured cabinet and door

- High density urethane foam cabinet and door insulation
- CFC-free (R134a) refrigerant, foam insulation and packaging
- Two year parts and labor warranty, plus an additional three year compressor parts warranty

- Defrost:
  Refrigerator: Cycle defrost
  Freezer: Auto & Manual defrost available

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.

ABS American BioTech Supply