ABS American BioTech Supply

Product Data Sheet
14 Cu. Ft. Standard Series Hazardous Location Manual Defrost Freezer

ABT-HC-EFP-14

Images




Product Description

Hazardous location freezers meet NFPA and OSHA guidelines for Hazardous Location, Class 1, Division II, Groups A,B,C & D guidelines. These units utilize non-sparking and/or ATEX rated components and are engineered for use in environments where volatile/explosive conditions could potentially exist.

Models feature a microprocessor temperature controller, allowing for precise temperature control, recovery and maintenance versus mechanical style thermostats. Our Standard Series freezers run on natural, hydrocarbon refrigerant for environmental health and energy efficiency. For storage of flammable or volatile materials within typical laboratory or non-volatile environments, see Flammable Material Storage units.

Certifications

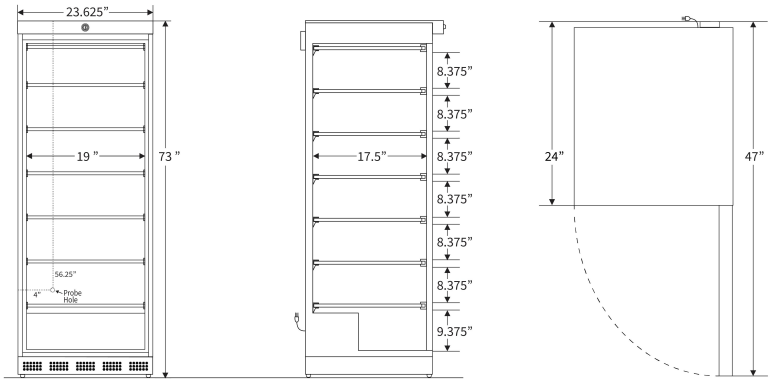
General Description and Application	
Storage capacity (cu. ft)	14
Door	Right Hinged
Shelves	6 Fixed
Freezer Compartments	Non-applicable
Baskets	Non-applicable
Mounting	Leveling Legs
Interior lighting	Non-applicable
Airflow management	Non-applicable
External probe access	Non-applicable
Insulation	Cabinet is foamed-in-place with EPA compliant high density urethane foam
Exterior materials	White powder coated steel
Access Control	Keyed door lock
General warranty	Two (2) year parts and labor warranty
Warranty Disclaimer	Products 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
Product Weight (lbs)	170
Shipping Weight (lbs)	190
Rated Amperage	3 Amps
Power Plug/Power Cord	Power cord is not included - final power connections at site must be hardwired to meet local codes
Facility Electrical Requirement	115V, 60 Hz
Agency Listing and Certification	ETL, C-ETL listed and certified to UL471 standard, hydrocarbon refrigerant safety Units meet NFPA and OSHA guidelines for Hazardous Location, Class 1, Division II, Groups A,B,C & D guidelines.

Refrigeration System	
Refrigerant	R290
Defrost	Manual

Controller, Configuration, Alarms and Monitoring	
Controller technology	Microprocessor temperature controller with digital temperature display, °C/°F switchable
Display technology	Standard Digital Temperature Display
Adjustable Temperature Range	-15°C to -25°C
External alarm connection	State switching remote alarm contacts
Alarms	Audible and visual high and low temperature alarms
Controller probe	Non-applicable
Digital Communication	Non-applicable
Data Transfer	Non-applicable
Disclaimers	Power cord is not included-final power connections at site must be hardwired to meet local codes Indoor use only, +18°C to +26°C (+65°F to +78°F), <70% RH Defrosting of the unit will need to be performed periodically to prevent severe ice build-up Specifications are subject to change

Dimensions

	Width (in.)	Depth (in.)	Height (in.)	Door Swing (in.)	Total open Depth (in.)
Exterior	23.625"	24"	73"	23"	47"
Interior	19"	17.5"			



Contact

Customer Service	800-648-4041 Option 3	customerservice@horizonscientific.com
Technical Service	800-648-4041 Option 5, Parts Option 4	technicalservice@horizonscientific.com

Rev_07202023