ABS American BioTech Supply

Product Data Sheet
20 Cu. Ft. Standard Series Flammable Material Storage Refrigerator

ABT-HC-FRP-20

Images

Product Description

Flammable storage refrigerators meet the requirements of NFPA 45 and NFPA 30 for cold storage of flammable and combustible materials in unclassified laboratory locations. Utilizes non-sparking and/or ATEX rated components to ensure an intrinsically safe interior for flammable materials in sealed containers. These units feature temperature alarms, keyed door locks, interior shelving, probe access, and microprocessor temperature control.

Our Standard Series refrigerators provide multi-functional features in a cost-effective design. All units run on natural, hydrocarbon refrigerant for environmental health and energy efficiency.

Certifications

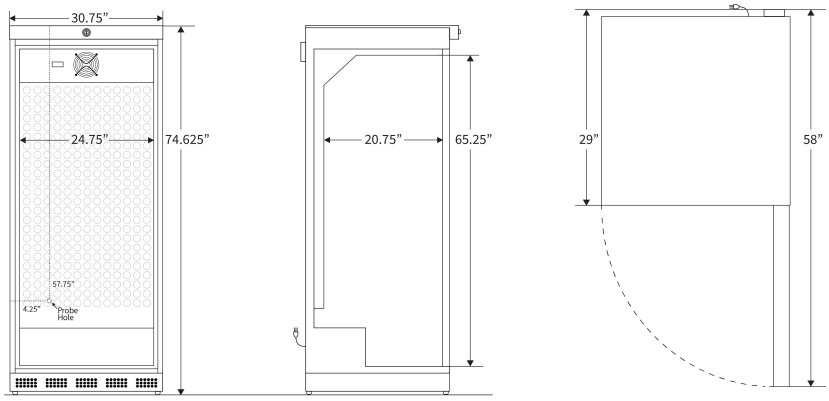
General Description and Application	
Storage capacity (cu. ft)	20
Door	Right Hinged
Shelves	5 Adjustable (4 full plus half shelf)
Freezer Compartments	Non-applicable
Baskets	Non-applicable
Mounting	Leveling Legs
Interior lighting	Non-applicable
Airflow management	Forced draft air circulation
External probe access	Rear wall port (3/4" dia.)
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)	235
Shipping Weight (lbs)	260
Rated Amperage	2.5 Amps
Power Plug/Power Cord	NEMA 5-15 Plug, conforms to UL471 requirements
Facility Electrical Requirement	115V, 60 Hz
Agency Listing and Certification	ETL, C-ETL listed and certified to UL471 standard, hydrocarbon refrigerant safety

Refrigeration System	
Refrigerant	R600a
Defrost	Cycle

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	1°C to 10°C
External alarm connection	State switching remote alarm contacts
Alarms	Audible and visual high/low temperature alarms
Controller probe	2 Probes; 1 in air and 1 in sample bottle
Digital Communication	Non-applicable
Data Transfer	Non-applicable
Disclaimers	These units are NOT designed for use in environments where volatile/explosive conditions could potentially exist Indoor use only, +18°C to +26°C (+65°F to +78°F), <70% RH Specifications are subject to change

Dimensions

	Width (in.)	Depth (in.)	Height (in.)	Door Swing (in.)	Total open Depth (in.)
Exterior	30.75"	29"	74.625"	29"	58"
Interior	24.75"	20.75"	65.25"		



Contact

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

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