ABS American BioTech Supply

Product Data Sheet
7 CF Pharmacy Refrigerator & Controlled Auto Defrost Freezer Solid Door Combination

PH-ABT-HC-RFC7SA-CAD

Images

Product Description

Our proprietary "Controlled Auto Defrost" technology provides the convenience of an auto-defrost design while still ensuring that vaccines remain at consistent and stable temperatures below 5°F (-15°C)

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. Product requires 2 outlets

Certifications

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General Description and Application

Storage capacity (cu. ft)	5.2 cu. ft. capacity (Refrigerator) / 1.0 cu. ft. capacity (Freezer)
Door	2 exterior swing doors (solid door refrigerator/solid door freezer), right hinged
Shelves	3 adjustable shelves, Refrigerator; 2 adjustable shelves, Freezer
Freezer Compartments	1
Baskets	Non-applicable
Mounting	Leveling Legs and stacking kit
Interior lighting	LED interior light, refrigerator
Airflow management	Forced draft air circulation, refrigerator
External probe access	Two probe access ports (3/4")
Insulation	High density urethane foam cabinet insulation
Exterior materials	Steel
Access Control	Keyed door lock
General warranty	Two (2) year parts and labor warranty
Compressor Parts Warranty	Five (5) year compressor parts warranty
Disclaimers	Indoor use only, +18C to +26C (+65F to +78F), <70% RH. Specifications are subject to change. Requires 2 outlets 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.
Product Weight (lbs)	135
Shipping Weight (lbs)	215
Rated Amperage	1.3 Amps refrigerator, 1 Amp freezer
Power Plug/Power Cord	NEMA 5-15 Plug, conforms to UL471 requirements . Vaccine storage power cord warning label
Facility Electrical Requirement	110-120V AC: 15 A (minimum)
Agency Listing and Certification	UL-C-UL Listed

Refrigeration System

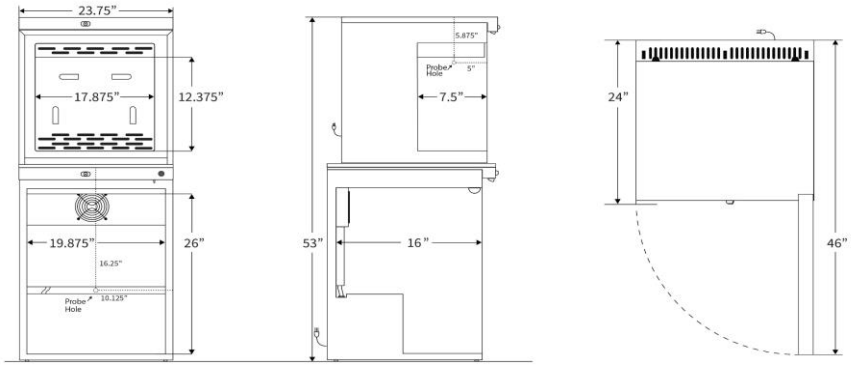
Refrigerant	HFC-free refrigerant (R600a)
Defrost	Controlled auto defrost freezer / cycle defrost refrigerator

Controller, Configuration, Alarms and Monitoring

Controller technology	Microprocessor temperature controller, refrigerator and freezer
Display technology	Digital temperature display
Adjustable Temperature Range	Refrigerator: 36°F - 46°F (2°C - 8°C) Freezer: 5°F – -13°F (-15°C – -25°C)
External alarm connection	Remote alarm contacts
Alarms	Audible and visual high and low temperature alarms
Digital Communication	RS-485 (MODBUS)
Defrost	Auto defrost cycle every 6 hours: (at Set Point -11°F /-24°C) Max air temp in empty freezer: 5°F (-15°C) Max air temp in loaded freezer: 3°F (-16°C) Max sample temp in empty freezer: 0°F (-18°C) Max sample temp in loaded freezer: -4°F (-20°C)

Dimensions

	Width (in.)	Depth (in.)	Height (in.)	Door Swing (in.)	Total open Depth (in.)
Exterior	23.75"	24"	53"	22"	46"
Interior	17.875" upper / 19.875" lower	7.5" upper / 16" lower	12.375" upper / 26" lower		



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