

PH-ABT-NSF-UCBI-0404G-ADA-LH

Product Description

These cutting-edge pharmacy refrigerators are certified in accordance with the NSF/ANSI 456 Standard for Vaccine Storage. With this certification, units protect pharmaceuticals at optimal temperatures, preventing waste and allowing for peak delivery. Our Premier line includes premium features such as extensive alarm systems and digital touch pad displays.

The ADA compliant, glass door refrigerators utilize microprocessor controllers and feature temperature alarms, remote alarm contacts, LED interior lighting, and probe access ports with included probes. American Biotech Supply Vaccine Storage Refrigerators utilize HFC-free refrigerant for environmental health and energy efficiency.

General Description and Application

Single Glass Door Pharmacy/Vaccine Undercounter Refrigerator Built-In ADA Compliant LH Description

Indoor use only, +18°C to +26°C (+65°F to +78°F), <70% RH Operational environment

4.6 cu. ft. gross volume Storage capacity

One swing glass door, self-closing, left hinged, non-reversible, magnetic sealed gasket, keyed Door

Three shelves (two adjustable/one fixed) with guard rail on back Shelves

Low profile roller wheels and leveling legs Mounting

Shielded, switched LED lighting, full coverage, balanced spectrum Interior lighting

Forced Air technology, patent pending Airflow management

Rear wall port (1/2") dia. External probe access Insulation Cabinet is foamed-in-place with EPA compliant high density urethane foam

White powder coated steel Exterior materials

Access control Pyxis®, Omnicell® and AcuDose RX® compatible

Two (2) years parts and labor warranty, excluding display probe calibration General warranty

Compressor warranty Five (5) years compressor warranty

100 lbs. **Product Weight** Shipping Weight 140 lbs. Rated Amperage 1.74 Amps

NEMA 5-15 plug, 8 to 10 ft typical, conforms to UL471 requirements, Vaccine storage power Power Plug/Power Cord

cord warning label

110-120V AC: 15 A (minimum) Facility Electrical Requirement

Certified in accordance with the NSF/ANSI 456 Standard for Vaccine Storage. UL, C-UL, ETL, C-

ETL listed (either single or dual agency listings) and certified to UL471 standard, hydrocarbon Agency Listing and Certification

refrigerant safety. Energy Star Certified

Pharmacy refrigerator/freezer toolkit and temperature logs **Included Accessories**

Refrigeration System

Compressor Hermetic, high performance Refrigerant EPA SNAP compliant, R600a, Isobutane Hybrid fin and tube with low noise fan Condenser

Evaporator Plate wall

Defrost Cycle optimized, zero energy

Performance

+/- 0.8°C Uniformity¹ (Cabinet air) Stability² (Cabinet air) +/- 1.2°C Maximum temperature variation +/- 1.4°C

(Cabinet air)

Temperature rise after 8 sec door Temperature did not exceed 6.4°C at any probe for all required NSF/ANSI 456 testing

Simulator ballast

openings protocols³

Recovery after 3 min door opening

All probes recover to under 8°C within 4.8 min.

1.15 KWh/day⁴ **Energy consumption** 1.57 KWh/day (224 BTU/h)⁴ Average heat rejection

Noise pressure level (dBA) 43 or less installed Pull down time to nominal operating 35 min

temp

Controller, Configuration, Alarms a	na ivionitoring
Controller technology	Parametric mid

Parametric, microprocessor, LED display with 0.1°C resolution

1°C to 10°C (Setpoint must remain unaltered from the factory setting to remain compliant with Temperature setpoint range

NSF/ANSI 456 Standard for Vaccine Storage requirements)

Calibration Calibrated using a NIST traceable device, certificate included External alarm connection State switching remote alarm contacts

Visual and audible indicators

High / Low temperature, compliant with alarm requirements defined in the NSF/ANSI 456 Alarms

Standard for Vaccine Storage

Glass bead thermal media

Performance data acquired at 22°C ambient, using NSF/ANSI 456 compliant validation ballast probes, empty chamber, during stabilized steady state operation and a DAQ sampling rate of one measurement every 10 seconds

- 1 Uniformity is defined as the maximum variance in temperature across all probes at any point in time over the testing period
- 2 Stability is defined as the maximum variance in temperature experienced by any single probe over the testing period
- 3 Temperature performance for all loaded and unloaded door opening protocols, all alarm, controller and probe requirements as defined in the NSF/ANSI 456 standard for vaccine storage
- 4 Data per Energy Star test results or equivalent testing and calculation. Heat rejection based on daily averages, not continuous operation. Performance exceeds Energy Star requirements.

Product Data Sheet

Undercounter 4.6 cu. ft. Built-in Glass Door Vaccine Refrigerator Left Hinged ADA - Certified to NSF/ANSI 456 Standard for Vaccine Storage

Certifications



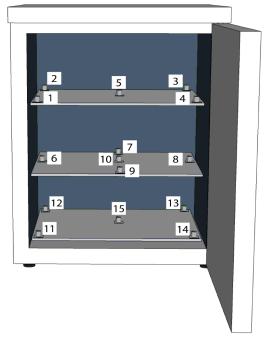




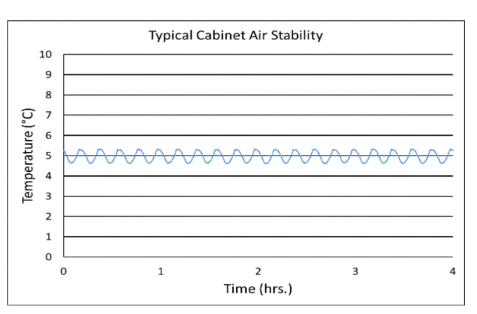


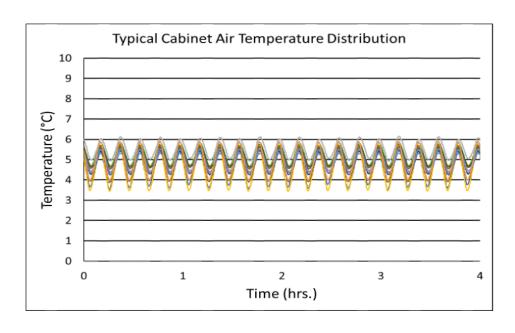
*-one or more of these certifications may apply to this unit.

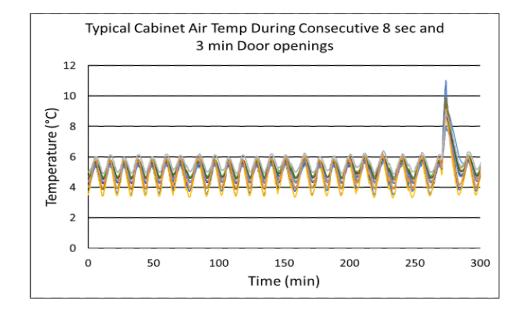
Temperature Probes							
Probe	obe Ave Min		Max				
1	4.6	3.5	5.8				
2	4.9	4.3	5.4				
3	5.0	4.4	5.6				
4	4.6	3.4	5.8				
5	5.0	4.6	5.3				
6	5.3	4.7	5.9				
7	4.8	4.2	5.5				
8	5.1	4.5	5.8				
9	4.8 3.9		5.8				
10	4.8 3.9		5.8				
11	5.5	4.9	6.2				
12	5.1	4.6	5.6				
13	4.9	4.3	5.5				
14	4.9	4.0	5.9				
15	15 5.5		6.2				



Temperature Charts









Product Data Sheet

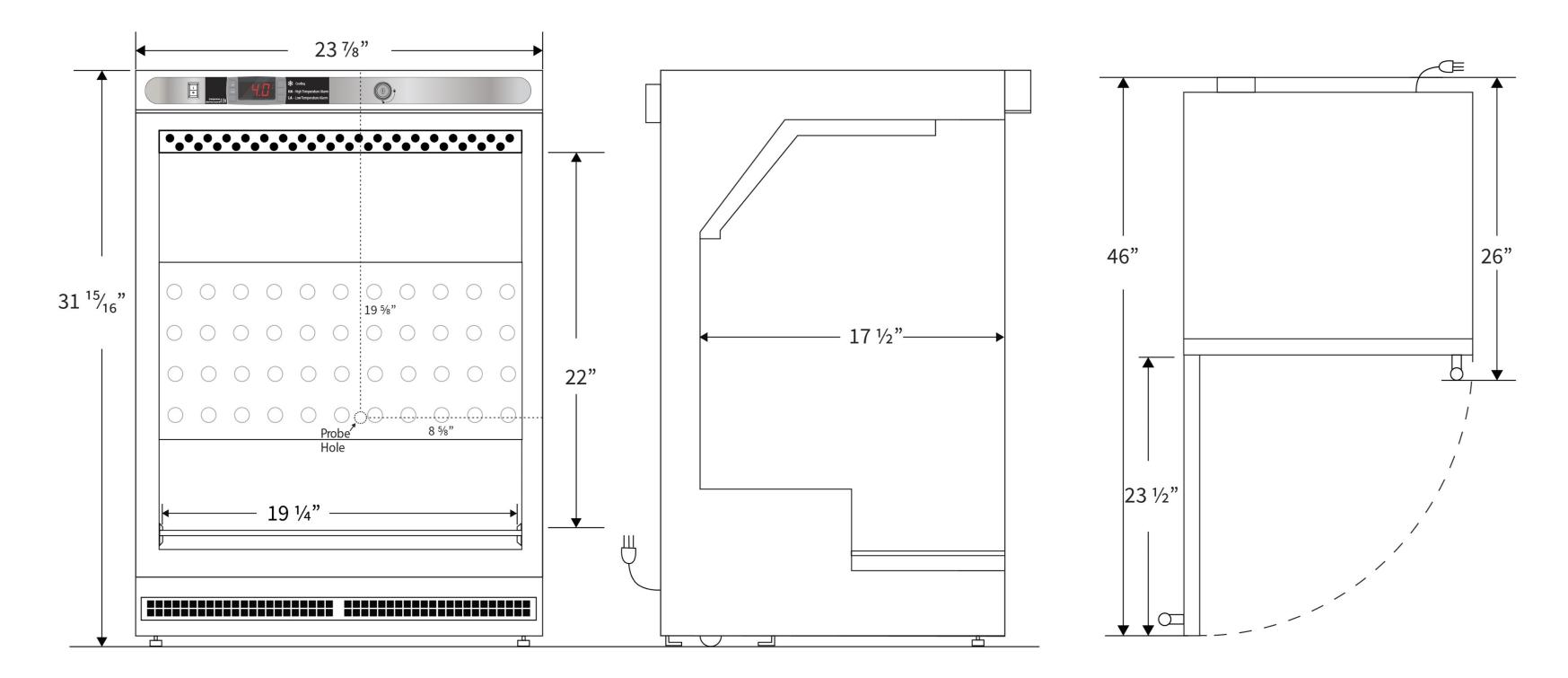
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Images





Dimensions							
	Width	Depth	Height	Door Swing	Total open Depth		
Exterior	23 7/8"	26"	31 15/16"	23 1/2"	46"		
Interior	19 1/4"	17 1/2"	22"				



Contact
Customer Service
Technical Service

Rev_09302022

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