

PH-ABT-NSF-UCBI-0404SS-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.

These solid door built-in refrigerators utilize microprocessor controllers and feature temperature alarms, remote alarm contacts, and probe access ports with included probes. Units run on natural, hydrocarbon refrigerant for environmental health and energy efficiency.

General Description and Application	
Description	Single Stainless Steel Door Pharmacy/Vaccine Undercounter Refrigerator Built-In
Operational environment	Indoor use only, +18°C to +26°C (+65°F to +78°F), <70% RH
Storage capacity	4.6 cu. ft. gross volume
Door	One swing door, self-closing, left hinged, non-reversible, magnetic sealed gasket, keyed lock
Shelves	Three shelves (two adjustable/one fixed) with guard rail on back
Mounting	Low profile roller wheels and leveling legs
Interior lighting	N/A
Airflow management	Forced Air technology, patent pending
External probe access	Rear wall port (1/2") dia.
Insulation	Cabinet is foamed-in-place with EPA compliant high density urethane foam
Exterior materials	White powder coated steel
Access control	Pyxis®, Omnicell® and AcuDose RX® compatible
General warranty	Two (2) years parts and labor warranty, excluding display probe calibration
Compressor warranty	Five (5) years compressor warranty
Product Weight	100 lbs.
Shipping Weight	140 lbs.
Rated Amperage	1.74 Amps
Power Plug/Power Cord	NEMA 5-15 plug, 8 to 10 ft typical, conforms to UL471 requirements, Vaccine storage power cord warning label
Facility Electrical Requirement	110-120V AC: 15 A (minimum)
Agency Listing and Certification	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 refrigerant safety. Energy Star Certified
Included Accessories	Pharmacy refrigerator/freezer toolkit and temperature logs

Refri	geration	System
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Hermetic, high performance Compressor Refrigerant EPA SNAP compliant, R600a, Isobutane Hybrid fin and tube with low noise fan Condenser Evaporator Plate wall Defrost Cycle optimized, zero energy

Performance	
Uniformity¹ (Cabinet air)	+/- 0.8°C
Stability ² (Cabinet air)	+/- 1.2°C
Maximum temperature variation (Cabinet	+/- 1.4°C
air)	
Temperature rise after 8 sec door	Temperature did not exceed 6.4°C at any probe for all required NSF/ANSI 456 testing protocols ³
openings	
Recovery after 3 min door opening	All probes recover to under 8°C within 4.8 min.
Energy consumption	1.15 KWh/day⁴
Average heat rejection	1.57 KWh/day (224 BTU/h)⁴
Noise pressure level (dBA)	43 or less installed
Pull down time to nominal operating	35 min
temp	

Controller, Configuration, Alarms and Monitoring		
Controller technology	Parametric, microprocessor, LED display with 0.1°C resolution	
Temperature setpoint range	1°C to 10°C (Setpoint must remain unaltered from the factory setting to remain compliant with 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	
Alarms	High / Low temperature, compliant with alarm requirements defined in the NSF/ANSI 456	
	Standard for Vaccine Storage	

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. Stainless Steel Vaccine Refrigerator Left Hinged - Certified to NSF/ANSI 456 Standard for Vaccine Storage

Certifications

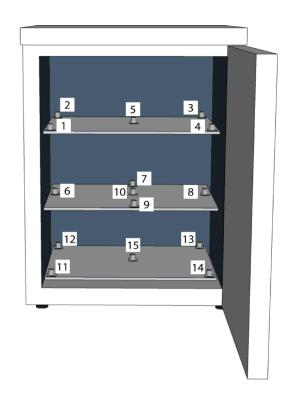




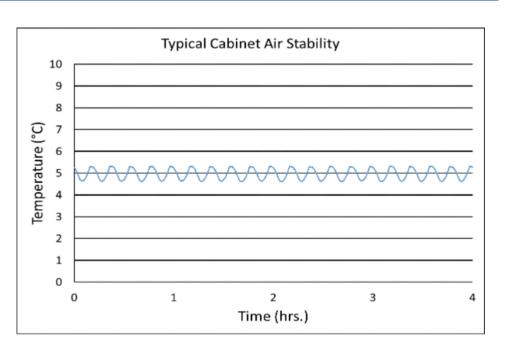


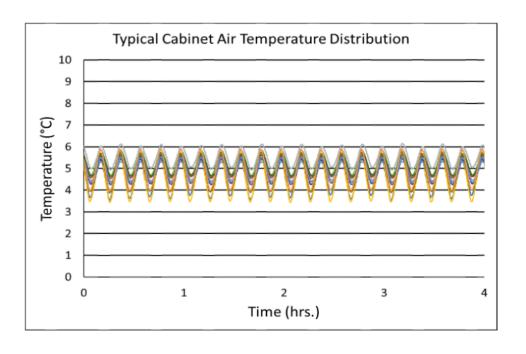
*-one or more of these certifications may apply to this unit.

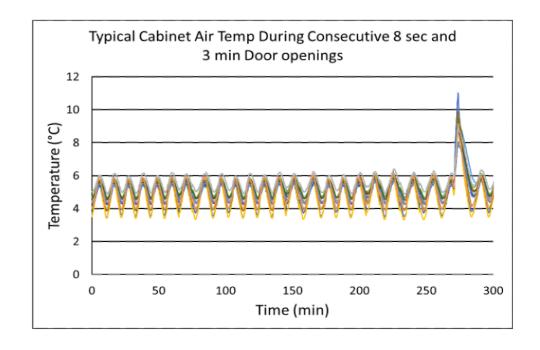
Temper	ature P	robes	
Probe	Ave	Min	Max
1	4.6	3.5	5.8
2	4.9	4.3	5.4
3	5.0	4.4	5.6
4	4.6	3.4	5.8
5	5.0	4.6	5.3
6	5.3	4.7	5.9
7	4.8	4.2	5.5
8	5.1	4.5	5.8
9	4.8	3.9	5.8
10	4.8	3.9	5.8
11	5.5	4.9	6.2
12	5.1	4.6	5.6
13	4.9	4.3	5.5
14	4.9	4.0	5.9
15	5.5	4.9	6.2



Temperature Charts









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Images





Dimensions	0				
	Width	Depth	Height	Door Swing	Total open Depth
Exterior	23 7/8"	24 3/8"	33 3/8"	23 1/2"	46"
Interior	19 1/4"	17 1/2"	22"		

