



These built-in undercounter refrigerators are designed in accordance with the NSF/ANSI 456 Standard for Vaccine Storage. Units protect pharmaceuticals at optimal temperatures, preventing waste and allowing for peak delivery.

General Description and Application	
Description	Single Glass 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 glass 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	Shielded, switched LED lighting, full coverage, balanced spectrum
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.
Included Accessories	Temperature monitor device (TMD) complies with the current CDC guidelines, with 3 years certification of calibration, “buffered” probe in the product simulated solution, min/max memory. F/C switchable, field installable, and visual & audible temp alarm
	Pharmacy refrigerator/freezer toolkit and temperature logs

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

Uniformity ¹ (Cabinet air)	+/- 0.8°C
Stability ² (Cabinet air)	+/- 1.2°C
Maximum temperature variation (Cabinet air)	+/- 1.4°C
Temperature rise after an after 8 sec door openings	Temperature did not exceed 6.4°C at any probe for all required NSF/ANSI 456 testing protocols ³
Recovery after 3 min door opening	All probes recover to under 8°C within 4.8 min.
Energy consumption	1.15 KWh/day ⁴
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 temp	35 min

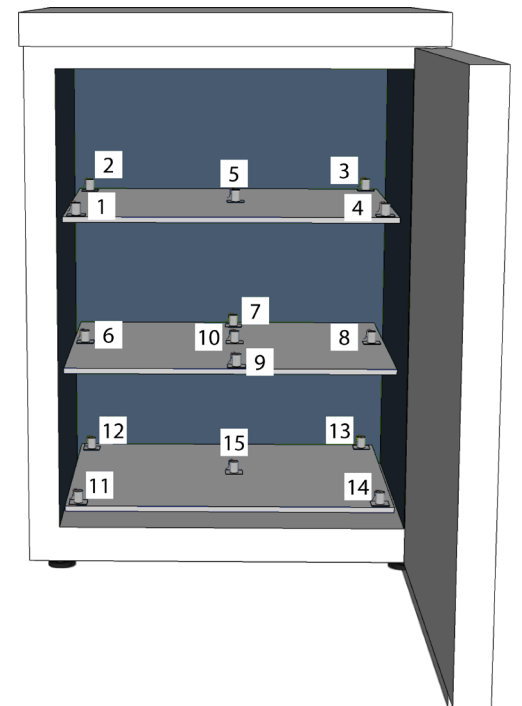
Controller technology	Parametric, microprocessor, LED display with 0.1°C resolution
Temperature setpoint range	1°C to 10°C (Setpoint must remain unaltered from the factory setting to remain compliant with NSF/ANSI 456 Standard for Vaccine Storage requirements)
Display probe	Calibrated, stainless steel
External alarm connection	State switching remote alarm contacts
Alarms	Visual and audible indicators High / Low temperature, compliant with alarm requirements defined in the NSF/ANSI 456 Standard for Vaccine Storage
Simulator ballast	20 ml bottle, glass bead thermal media

- 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.

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

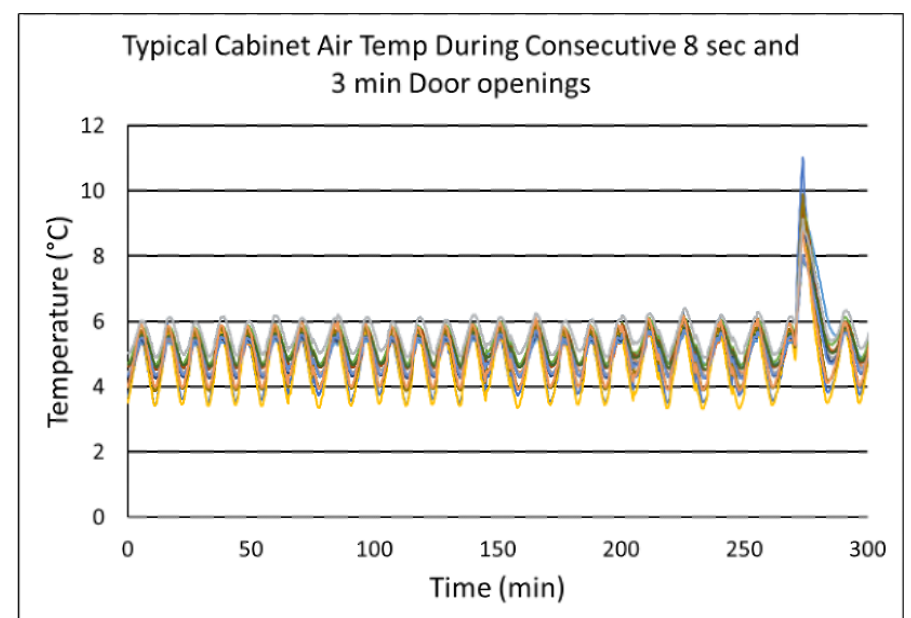
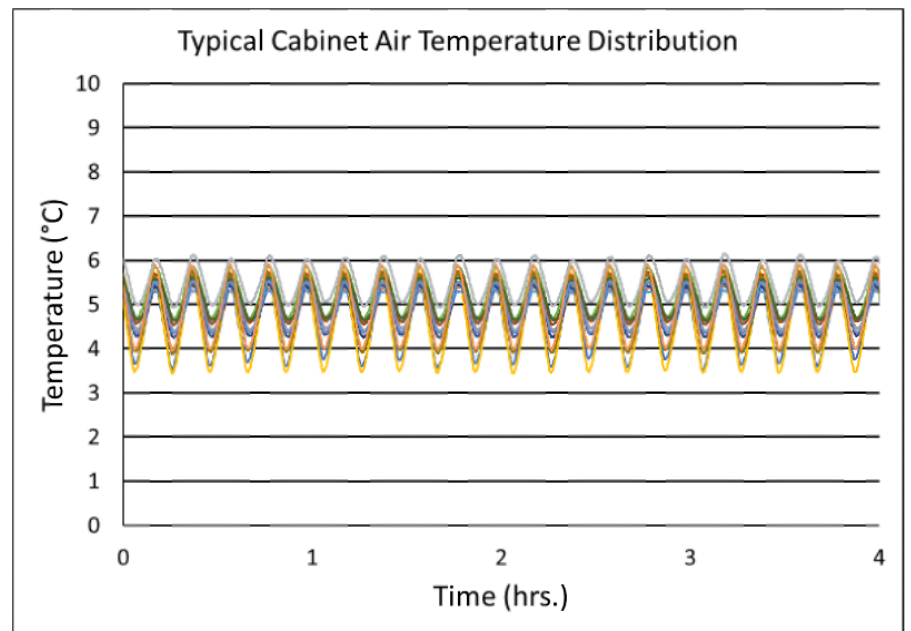
*-one or more of these certifications may apply to this unit.

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



The graph, titled "Typical Cabinet Air Stability", plots Temperature in degrees Celsius against Time in hours. The y-axis ranges from 0 to 10 with major grid lines every 1 unit. The x-axis ranges from 0 to 4 with major grid lines every 1 unit. A blue line represents the temperature, which fluctuates sinusoidally between approximately 4.5°C and 5.5°C throughout the 4-hour period.

Time (hrs.)	Temperature (°C)
0.0	5.0
0.2	4.8
0.4	5.2
0.6	4.7
0.8	5.3
1.0	4.9
1.2	5.1
1.4	4.6
1.6	5.4
1.8	5.0
2.0	4.8
2.2	5.2
2.4	4.7
2.6	5.3
2.8	4.9
3.0	5.1
3.2	4.6
3.4	5.4
3.6	5.0
3.8	4.8
4.0	5.2

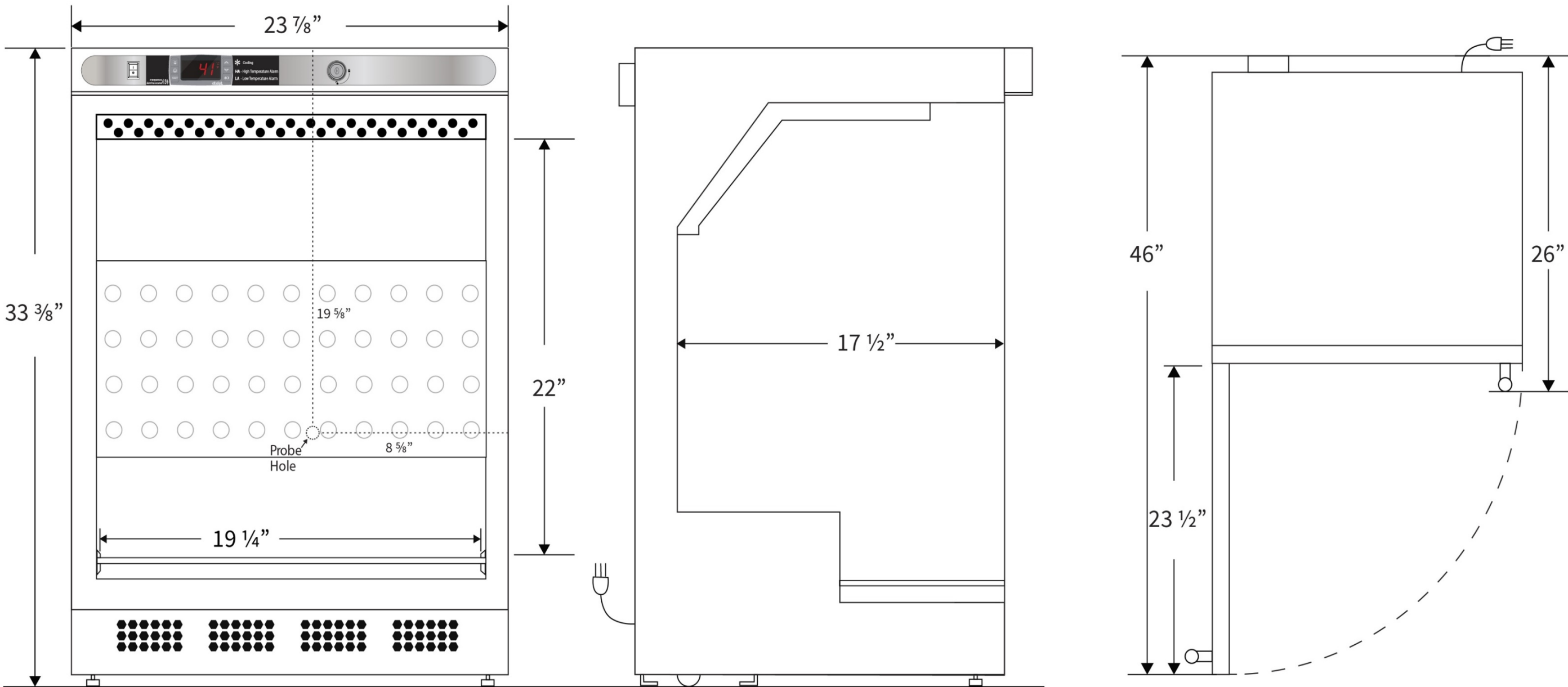


Images



Dimensions

	Width	Depth	Height	Door Swing	Total open Depth
Exterior	23 7/8"	26"	33 3/8"	23 1/2"	46"
Interior	19 1/4"	17 1/2"	22"		



Contact