ABS American BioTech Supply

Product Data Sheet
28 Cu. Ft. Standard Glass
Door Pharmacy Refrigerator

PH-ABT-NA-S28G

Product Description

This 28 Cu. Ft. pharmacy/vaccine refrigerator delivers precise cooling for vaccines and pharmaceutical products. Forced-air circulation evenly distributes cool air throughout the cabinet, helping maintain stable storage conditions for temperature-sensitive products. The self-closing glass door helps minimize temperature fluctuations while providing excellent product visibility and reducing unnecessary door openings. For added security, this model is equipped with multiple built-in alarms and a keyed door lock. In addition, the natural hydrocarbon refrigerant provides environmentally sustainable, energy-efficient cooling. Together, these features make this refrigerator an ideal solution for pharmacies, clinics, physician offices, hospitals, and vaccine storage environments.

Images





Certifications

General Description and Application

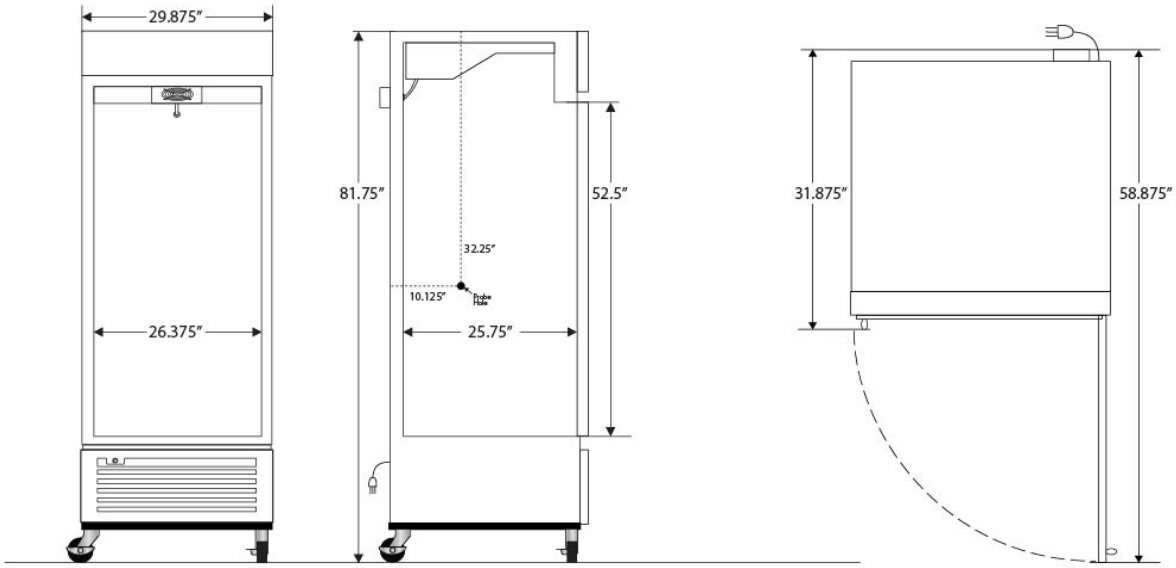
Storage Capacity (Cu. Ft.)	28
Door	One (1) self-closing swing glass door, right-hinged, non-reversible, with magnetic door gasket
Shelves	Four (4) adjustable shelves with 1/2-inch height adjustment increments
Mounting and Installation	Swivel casters with locking front casters
Interior Lighting	LED interior lights are safety shielded and switch controlled
Airflow Management	Forced-air circulation
External Probe Access	3/4" probe access port on rear wall
Insulation	Cabinet is foamed-in-place with EPA compliant high-density urethane foam
Exterior Materials	White powder-coated steel
Access Control	Keyed door lock; compatible with optional digital lock (Pyxis, Omnicell, and AcuDose RX)
General Warranty	Two (2) year parts and labor warranty, excluding calibrations
Compressor Warranty	Five (5) year compressor warranty
Product Weight (lbs)	240
Shipping Weight (lbs)	290
Rated Amperage (A)	3.2
Power Plug/Power Cord	NEMA 5-15 plug, vaccine storage power cord warning label
Facility Electrical Requirement	110 - 120V AC, 15A breaker, NEMA 5-15 receptacle
Agency Listing and Certification	UL listed per UL 471 or UL 60335-1 and UL 60335-2-89 standards; c UL listed per CSA C22.2 No. 120 or CAN/CSA C22.2 60335-1 and CSA C22.2 60335-2-89 standards

Performance

Maximum Temperature Variation (Cabinet air)	±2.5°C
Stability (Simulator ballast)	±1.0°C
Pull-Down Time (to nominal operating temperature)	< 35 minutes (empty cabinet)
Energy Consumption	1.75 kWh/day
Average Heat Rejection	420 BTU/hr
Performance Note	Max temperature variation based on an empty chamber at steady state using 15 bare (unweighted) thermocouple probes. Product loading, door openings, and ambient conditions will affect performance. Stability of simulator ballast based on bottle probe provided with the unit located center of empty chamber at steady state, no door openings.

Refrigeration System	
Compressor	Hermetic
Refrigerant	EPA SNAP compliant, R290
Condenser	Tube and grid, high efficiency fan forced-air
Evaporator	Fin and tube, high efficiency fan forced-air
Defrost	Cycle Defrost

Controller, Configuration, Alarms and Monitoring	
Controller Technology	Microprocessor temperature controller with selectable °C/°F display; resolution: 0.1°C / 0.2°F
Battery Backup	Not Applicable
Display Probe	Product simulator bottle with glass bead media
Included Accessories	Pharmacy Refrigerator/Freezer Toolkit
Data Transfer	Not Applicable
Adjustable Temperature Range	36°F to 46°F (2°C to 8°C), calibrated using a NIST-traceable device; certificate included.
External Alarm Connection	Remote alarm contacts
Alarms	Audible and visual high/low temperature alarms, remote alarm contacts
Disclaimers	Refrigerator requires a minimum of 4 inches of clearance at the rear and sides for proper ventilation. Additional clearance may be required when installed adjacent to heat-rejecting equipment. Improper installation may void the warranty and result in poor temperature performance, overheating, or equipment failure.



Contact	
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