**Product Data Sheet**
28 Cu. Ft. Standard Solid Door
Pharmacy/Vaccine Refrigerator

# PH-ABT-NA-S28S

## 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 solid door helps minimize temperature fluctuations and protects vaccines and temperature-sensitive pharmaceuticals from light exposure. 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 applications.

## Images






## Certifications

## General Description and Application

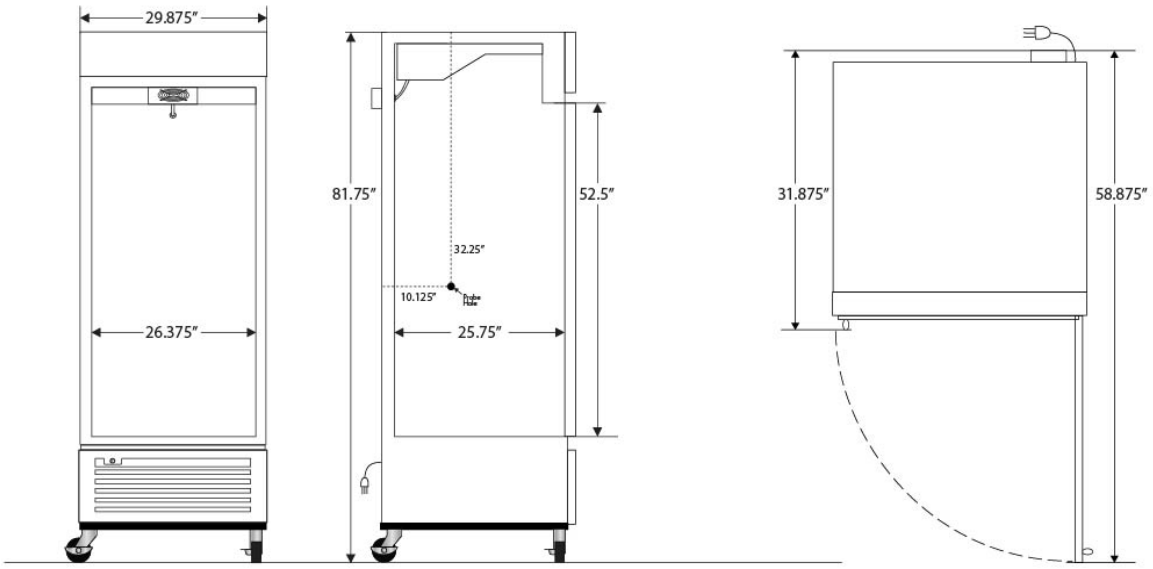
| | |
|---|---|
| Storage Capacity (Cu. Ft.) | 28 |
| Door | One (1) self-closing swing solid door, right-hinged, non-reversible, with magnetic door gasket |
| Shelves | Four (4) adjustable shelves with 1/2-inch height adjustment increments |
| Mounting and Installation | Swivel casters with locking 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) | 235 |
| Shipping Weight (lbs) | 285 |
| 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 | 1.55 kWh/day |
| Average Heat Rejection | 390 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 | |
|---|---|
| Customer Service<br>800-648-4041 Option 5 (Parts Option 4)<br>customerservice@horizonscientific.com | Technical Service<br>800-648-4041 Option 3<br>technicalservice@horizonscientific.com |

*Rev_10.22.26*