

## PH-ABT-HC-RFC7SA-CAD

### Images



### Product Description

Our proprietary "Controlled Auto Defrost" technology provides the convenience of an auto-defrost design while still ensuring that vaccines remain at consistent and stable temperatures below 5°F (-15°C)

Models require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure. Product requires 2 outlets

### Certifications



### General Description and Application

|                                  |  |
|----------------------------------|--|
| Storage capacity (cu. ft)        | 5.2 cu. ft. capacity (Refrigerator) / 1.0 cu. ft. capacity (Freezer)   |
| Door                             | 2 exterior swing doors (solid door refrigerator/solid door freezer), right hinged  |
| Shelves                          | 3 adjustable shelves, Refrigerator; 2 adjustable shelves, Freezer  |
| Freezer Compartments             | 1  |
| Baskets                          | Non-applicable   |
| Mounting                         | Leveling Legs and stacking kit   |
| Interior lighting                | LED interior light, refrigerator   |
| Airflow management               | Forced draft air circulation, refrigerator   |
| External probe access            | Two probe access ports (3/4")  |
| Insulation                       | High density urethane foam cabinet insulation  |
| Exterior materials               | Steel  |
| Access Control                   | Keyed door lock  |
| General warranty                 | Two (2) year parts and labor warranty  |
| Compressor Parts Warranty        | Five (5) year compressor parts warranty  |
| Disclaimers                      | Indoor use only, +18C to +26C (+65F to +78F), <70% RH. Specifications are subject to change. Requires 2 outlets Models require 4" of clearance around back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure. |
| Product Weight (lbs)             | 135  |
| Shipping Weight (lbs)            | 215  |
| Rated Amperage                   | 1.3 Amps refrigerator, 1 Amp freezer   |
| Power Plug/Power Cord            | NEMA 5-15 Plug, conforms to UL471 requirements . Vaccine storage power cord warning label  |
| Facility Electrical Requirement  | 110-120V AC: 15 A (minimum)  |
| Agency Listing and Certification | UL-C-UL Listed   |

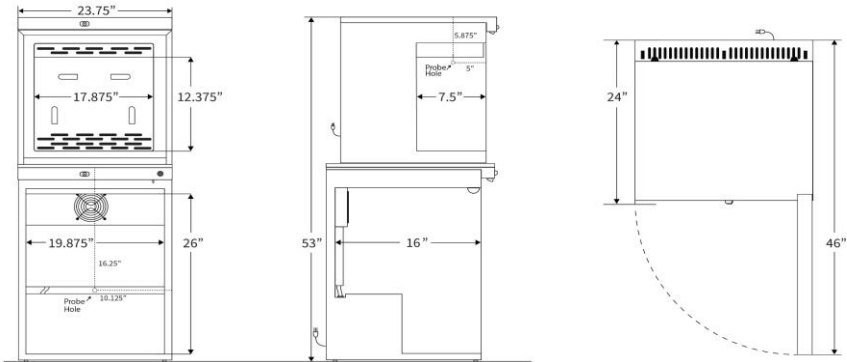
### Refrigeration System

|             |  |
|-------------|--|
| Refrigerant | HFC-free refrigerant (R600a)                                 |
| Defrost     | Controlled auto defrost freezer / cycle defrost refrigerator |

### Controller, Configuration, Alarms and Monitoring

|                              |   |
|------------------------------|---|
| Controller technology        | Microprocessor temperature controller, refrigerator and freezer   |
| Calibration                  | Calibrated using a NIST traceable device, certificate included  |
| Adjustable Temperature Range | Refrigerator: 36°F - 46°F (2°C - 8°C) Freezer: 5°F -- -13°F (-15°C -- -25°C)  |
| External alarm connection    | Remote alarm contacts   |
| Alarms                       | Audible and visual high and low temperature alarms  |
| Digital Communication        | RS-485 (MODBUS)   |
| Defrost                      | Auto defrost cycle every 6 hours: (at Set Point -11°F / -24°C)<br><br>Max air temp in empty freezer: 5°F (-15°C)<br>Max air temp in loaded freezer: 3°F (-16°C)<br>Max sample temp in empty freezer: 0°F (-18°C)<br>Max sample temp in loaded freezer: -4°F (-20°C) |

| Dimensions |                               |                        |                           |                  |                        |
|------------|-------------------------------|------------------------|---------------------------|------------------|------------------------|
|            | Width (in.)                   | Depth (in.)            | Height (in.)              | Door Swing (in.) | Total open Depth (in.) |
| Exterior   | 23.75"                        | 24"                    | 53"                       | 22"              | 46"                    |
| Interior   | 17.875" upper / 19.875" lower | 7.5" upper / 16" lower | 12.375" upper / 26" lower |                  |                        |



| Contact           |                                       |  |
|-------------------|---------------------------------------|--|
| Customer Service  | 800-648-4041 Option 3                 | <a href="mailto:customerservice@horizontalscientific.com">customerservice@horizontalscientific.com</a>   |
| Technical Service | 800-648-4041 Option 5, Parts Option 4 | <a href="mailto:technicalservice@horizontalscientific.com">technicalservice@horizontalscientific.com</a> |