

ABT-VS-SLS-16

Product Description

These laboratory refrigerators are designed for reliable and cost-effective cold storage. This model features ultra-low energy consumption and energy efficient natural refrigerants. Using microprocessor temperature technology, this unit delivers precise temperature monitoring and control. It offers essential security features, including a keyed door lock and temperature alarms, along with remote alarm contacts. Enjoy durable powder-coated steel construction and adjustable inner shelving to optimize your workflow. All features are designed to heighten performance and efficiency in your lab.

Images



Certifications

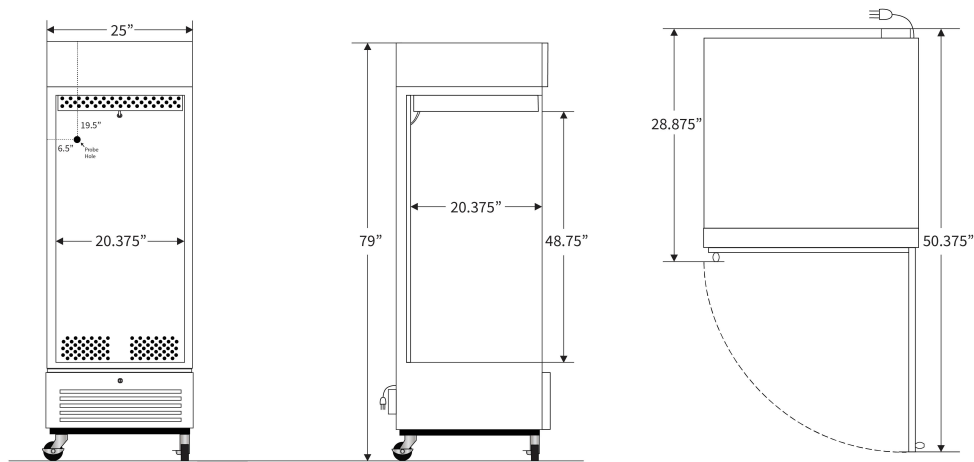


General Description and Application

| | |
|----------------------------------|--|
| Storage capacity (cu. ft) | 16 Cu. Ft. |
| Door | One (1) swing solid door, self-closing, right hinged, not reversible, magnetic door gasket |
| Shelves | Four (4) adjustable shelves (adjustable in 1/8" increments) |
| Mounting and installation | Swivel casters - locking front casters |
| Interior lighting | LED interior lights are safety shielded and switch controlled |
| External probe access | Probe access port (3/4") 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 (including Pyxis, Omnicell, and AcuDose RX) |
| General warranty | One (1) years parts and labor warranty |
| Compressor warranty | Seven (7) years compressor warranty |
| Product Weight (lbs) | 237 |
| Shipping Weight (lbs) | 277 |
| Rated Amperage | 2 Amps |
| Power Plug/Power Cord | NEMA 5-15 plug |
| Facility Electrical Requirement | 110 - 120V AC, 15A breaker, NEMA 5-15 receptacle |
| Agency Listing and Certification | ETL, C-ETL Listed. Meets or exceeds Energy Star v2.0 for Laboratory Refrigerators. Official listing pending - see energystar.gov |

| Refrigeration System | |
|--|---|
| Compressor | Hermetic |
| Refrigerant | EPA SNAP compliant R600a Isobutane (Hydrocarbon natural refrigerant) |
| Condenser | Tube and grid, high efficiency fan forced air |
| Evaporator | Fin and tube, high efficiency fan forced air |
| Defrost | Off-cycle defrost, no heat added |
| Controller, Configuration, Alarms and Monitoring | |
| Controller technology | Microprocessor temperature controller, C/F switchable, resolution is 0.1C/0.2F |
| Max temp variation - cabinet air (°C): | +/- 2.5 °C |
| Energy consumption (KWh/day): | <0.9 KWh/day Meets or exceeds Energy Star v2.0 for Laboratory Refrigerators. |
| Stability - simulator ballast (°C): | +/- 0.5 |
| Average heat rejection (BTU/h): | < 250 BTU/h |
| Display Technology | Digital Temperature Display |
| Noise pressure level (dBA): | 40 dBA or less installed |
| Pull down time to nominal operating temp: | < 30 min (empty) |
| Adjustable Temperature Range | 2°C to 15°C |
| External alarm connection | Remote alarm contacts |
| Display Probe | Product simulator bottle with glass bead media |
| Alarms: | Audible and visual high/low temperature alarms, remote alarm contacts |
| Disclaimers: | Refrigerator requires a minimum 2" of clearance at back and sides of the unit for proper ventilation |
| 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 |

| Dimensions | | | | | |
|------------|-------------|-------------|--------------|------------------|------------------------|
| | Width (in.) | Depth (in.) | Height (in.) | Door Swing (in.) | Total open Depth (in.) |
| Exterior | 25" | 28.875" | 79" | 21.5" | 50.375 |
| Interior | 20.375" | 20.375" | 48.75" | | |



| Contact | | |
|-------------------|---------------------------------------|---|
| Customer Service | 800-648-4041 Option 3 | customerservice@horizontalscientific.com |
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Rev. 11.14.2025