

**Product Data Sheet**

17 Cu. Ft. Premier Series Flammable Material Storage Refrigerator

**ABT-HC-FRP-17P**

**Images**



**Product Description**

Flammable storage refrigerators meet the requirements of NFPA 45 and NFPA 30 for cold storage of flammable and combustible materials in unclassified laboratory locations. Utilizes non-sparking and/or ATEX rated components to ensure an intrinsically safe interior for flammable materials in sealed containers. These units feature temperature alarms, keyed door locks, interior shelving, probe access, and microprocessor temperature control.

Our Premier Series refrigerators include premium additions such as extensive alarm systems and digital touch pad displays. All units run on natural, hydrocarbon refrigerant for environmental health and energy efficiency.

**Certifications**



**General Description and Application**

Storage capacity (cu. ft)	17
Door	Solid, right hinged, magnetic door gasket for positive seal
Shelves	5 Adjustable
Freezer Compartments	Non-applicable
Baskets	Non-applicable
Mounting	Leveling Legs
Interior lighting	Non-applicable
Airflow management	Forced draft circulation
External probe access	Rear wall port (3/4") dia.
Insulation	Cabinet is foamed-in-place with EPA compliant high density urethane foam
Exterior materials	White powder coated steel
Access Control	Keyed door lock
General warranty	Two (2) year parts and labor warranty
Compressor Parts Warranty	Five (5) year compressor parts warranty
Warranty Disclaimer	Products 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)	241
Shipping Weight (lbs)	266
Rated Amperage	3 Amps
Power Plug/Power Cord	NEMA 5-15 Plug, conforms to UL471 requirements
Facility Electrical Requirement	115V, 60 Hz
Agency Listing and Certification	ETL Listed, Energy Star Certified

**Refrigeration System**

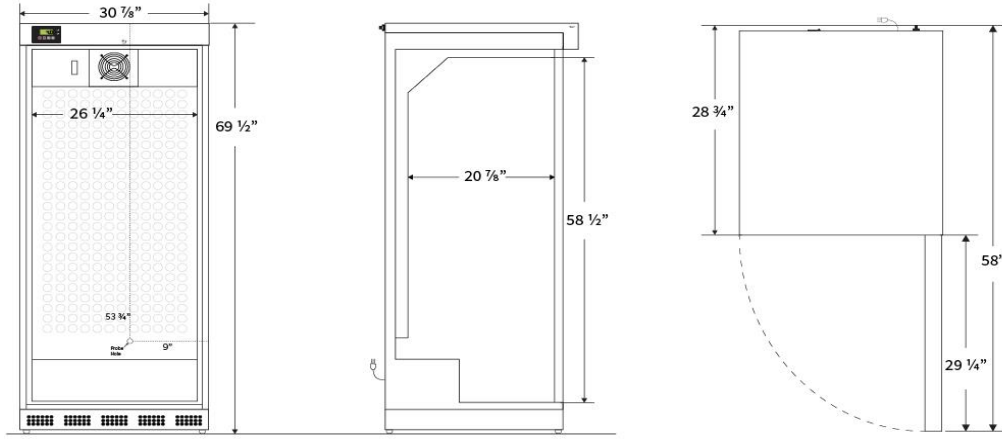
Refrigerant	R600a
Defrost	Cycle

**Controller, Configuration, Alarms and Monitoring**

Controller technology	Microprocessor temperature controller with digital temperature display, °C/°F switchable
Display technology	Bi-Colored LED display and alarm module with .1°C resolution, touchpad controls, resettable 1-point min/max history
Adjustable Temperature Range	1°C to 10°C
External alarm connection	State switching remote alarm contacts
Alarms	Audible and visual high and low temperature alarms, sensor error alarm, power failure alarm, alarm validation (audible, visual, and remote alarm), and alarm mute with ring back
Controller probe	2 Probes; 1 in air and 1 in sample bottle
Disclaimers	These units are NOT designed for use in environments where volatile/explosive conditions could potentially exist  Indoor use only, +18°C to +26°C (+65°F to +78°F), <70% RH  Specifications are subject to change

## Dimensions

	Width (in.)	Depth (in.)	Height (in.)	Door Swing (in.)	Total open Depth (in.)
Exterior	30 7/8"	28 3/4"	69 1/2"	29 1/4"	58"
Interior	26 1/4"	20 7/8"	58 1/2"		



## Contact

Customer Service  
Technical Service

800-648-4041 Option 3  
800-648-4041 Option 5, Parts Option 4

[customerservice@horizonscientific.com](mailto:customerservice@horizonscientific.com)  
[technicalservice@horizonscientific.com](mailto:technicalservice@horizonscientific.com)

Rev\_05082023