

### **Product Data Sheet**

20 Cu. Ft. Premier Series Manual Defrost Freezer

## ABT-HC-MFP-20P





#### **Product Description**

These manual defrost laboratory freezers offer professional cold storage for scientific and industrial settings. Units come equipped with temperature alarms, keyed door locks, probe access, and precise temperature monitoring through microprocessor control.

Our Premier Series freezers 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) 20 Door Solid, right hinged, magnetic door gasket for positive seal 6 Fixed Shelves Freezer Compartments 7 Inner Doors Baskets Non-applicable Mounting Leveling Legs Interior lighting Non-applicable Airflow management Non-applicable 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 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 Warranty Disclaimer Product Weight (lbs) 261 Shipping Weight (lbs) 286

Rated Amperage 6 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 R290 Defrost Manual

# Controller, Configuration, Alarms and Monitoring

Microprocessor temperature controller with digital temperature display, °C/°F switchable Controller technology

Display technology Bi-Colored LED display and alarm module with .1°C resolution, touchpad controls, resettable 1-point min/max history

Adjustable Temperature Range -15°C to -25°C

External alarm connection State switching remote alarm contacts

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

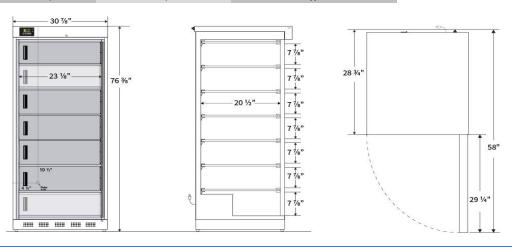
Controller probe 2 Probes; 1 in air and 1 in sample bottle

Disclaimers Defrosting of the unit will need to be performed periodically to prevent severe ice build-up

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"	76 3/8"	29 1/4"	58"		
Interior	22.1/9"	20.1/2"	Non-applicable				



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