LABRepCo

Product Data Sheet

14 Cu. Ft. Ultra Elite Series Manual Defrost Freezer

LHE-14-FMP

Images

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 Ultra Elite 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.
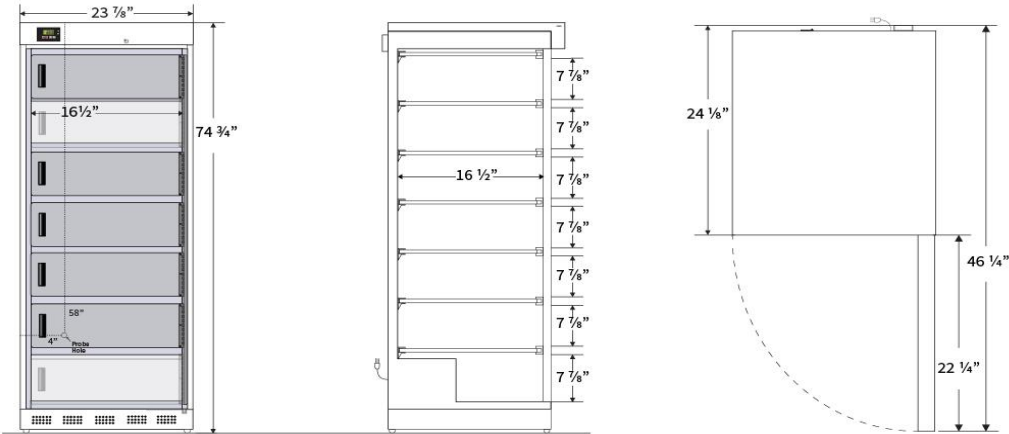
Certifications

General Description and Application

Storage capacity (cu. ft)	14
Door	Solid, right hinged, magnetic door gasket for positive seal
Shelves	6 Fixed
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
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)	199
Shipping Weight (lbs)	219
Rated Amperage	3.5 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

Refrigeration System

Refrigerant	R290
Defrost	Manual

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	-15°C to -25°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	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	23 7/8''	24 1/8''	74 3/4''	22 1/4''	46 1/4''
Interior	16 1/2''	16 1/2''	Non-applicable		

Contact

Customer Service	800-521-0754	sales@labrepco.com