

LHP-11-FM

Images



Product Description

This premier laboratory freezer is engineered to provide reliable cold storage in a compact footprint. Featuring a 10.5 cu. ft. capacity, this manual defrost freezer combines durable construction with precise temperature management to support daily laboratory operations. Designed with microprocessor temperature technology, this model delivers exceptional temperature uniformity and control. This freezer also utilizes environmentally friendly hydrocarbon refrigerant to deliver efficient cooling performance. When it comes to storage, pull-out shelving and baskets aid efficiency and maximize space. Built for dependable laboratory storage applications, this freezer offers the performance, security, and functionality required for critical sample preservation.

Certifications



General Description and Application

Storage capacity (cu. ft.)	10.5 Cu. Ft.
Door	One (1) swing solid door, right hinged, with magnetic gasket and stainless steel liner
Baskets	Six (6) full baskets, One (1) half basket
Mounting	Leveling legs
Interior lighting	Shielded, switched LED lighting, full coverage, balanced spectrum
External probe access	Probe access port (3/4")
Insulation	High density urethane foam cabinet insulation
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
Product Weight (lbs)	155
Shipping Weight (lbs)	200
Rated Amperage	2.3
Power Plug/Power Cord	NEMA 5-15 Plug, conforms to UL471 requirements
Facility Electrical Requirement	110-120V AC: 15 A (minimum)
Agency Listing and Certification	ETL Listed

Refrigeration System

Refrigerant	HFC-free refrigerant (R600a)
Defrost	Manual
Condenser	Tube and Grid
Evaporator	Shelf Evaporator

Controller, Configuration, Alarms and Monitoring

Controller technology	Microprocessor temperature controller
Adjustable Temperature Range	-15°C to -25°C
External alarm connection	Remote alarm contacts
Display probe	2 ea. probes one in air and one in bottle with glass beads
Alarms	Audible and visual high and low temperature alarms
Disclaimers	Indoor use only, +18C to+26C (+65F to +78F), <70% RH. Specifications are subject to change. Defrosting of the unit will need to be performed periodically to prevent severe ice build-up Requires 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.

