

ABT-HC-MFS-30

Product Description

This standard manual defrost freezer offers 30 cubic feet of versatile storage for laboratory environments. Its temperature control is powered by microprocessor technology, protecting samples down to -25°C. A series of audible and visual alarms safeguards stored contents. Utilizing hydrocarbon refrigerants, this unit meets EPA SNAP compliance, protecting environmental safety. With low energy consumption and environmental benefits, this model is an efficient and dependable solution for general laboratory applications.

Images



Certifications



General Description and Application

Storage capacity (cu. ft)	30 Cu. Ft.
Door	One (1) solid swing, right hinged; stainless steel door handle; magnetic door gasket
Shelves	Four (4) fixed evaporator shelves
Mounting and Installation	Leveling legs
External probe access	3/4" probe access port on rear wall
Insulation	EPA compliant high density urethane foam
Exterior materials	Powder coated steel
Access control	Keyed door lock
General warranty	Two (2) year parts and labor warranty
Compressor warranty	Five (5) year compressor parts warranty
Product Weight (lbs)	300
Shipping Weight (lbs)	330
Rated Amperage	3.3 Amps
Power Plug/Power Cord	NEMA 5-15P plug, 6 ft long cord
Facility Electrical Requirement	110 - 120V AC, 15A breaker, NEMA 5-15 receptacle
Agency Listing and Certification	UL listed per UL 60335-1 and UL 60335-2-89 standards; c UL listed per CSA C22.2 No. 120 standard

Performance

Uniformity (Cabinet air)	+/- 3°C
Stability (Cabinet air)	+/- 3°C
Maximum temperature variation (Cabinet air)	7°C Total
Energy Consumption (kWh/day)	4.9 kWh/day
Average Heat Rejection (BTU/hr)	690 BTU/hr
Pull down time to nominal operating temp	65 min (empty)

