Product Data Sheet
20 Cu. Ft. Standard Laboratory Chest Freezer
with Natural Refrigerants

ABT-HC-MFS-20-C

Product Description

This laboratory chest freezer offers 20 cubic feet of storage and precise temperatures for lab environments. Engineered with a digital temperature controller, this freezer maintains an adjustable temperature range of -24°C to -12°C. Audible and visual alarms protect samples, notifying staff of any temperature deviations. This freezer utilizes environmentally friendly hydrocarbon refrigerant, delivering efficient cooling performance while supporting sustainability efforts. Built for everyday lab use, this unit features a durable powder-coated steel exterior, a locking lid for secure storage, and manual defrost operation for long-term performance. This chest freezer is an ideal solution for bulk storage in the lab.

Images



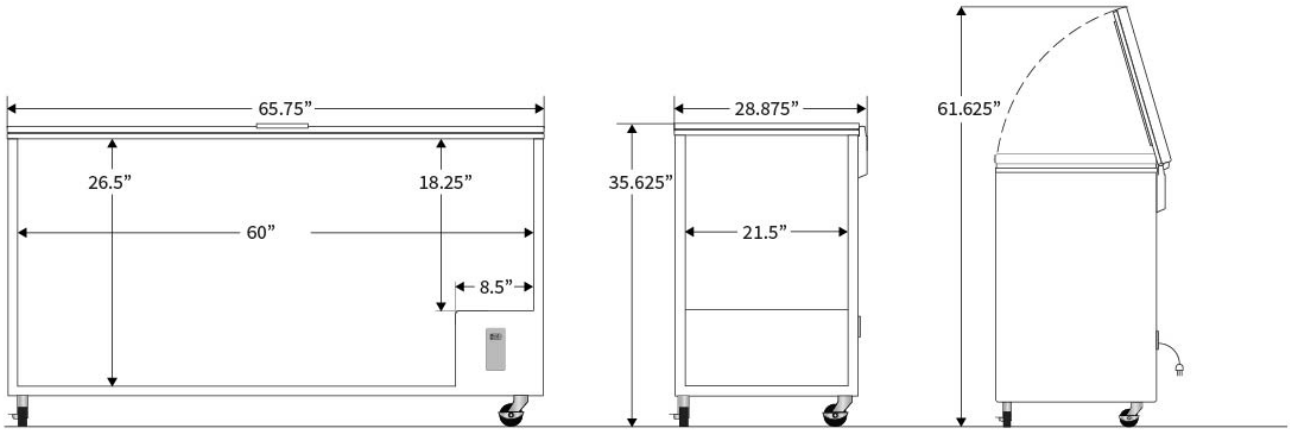




General Description and Application	
Storage capacity (cu. ft)	20 /ʊ¤ CÚ¤
Door	One (1) solid ßÍŤúlyƎ ßÍŘ Ř22ℓℓ
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Mounting and Installation	{øⱠØŠt ÔⱠ₳úŠℓå
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Insulation	I C/ CℓÛŠŠ KⱠƎK ŘŠy₳úè ʊℓℓŠúKⱠ-yŠ Ť2Ⱡ·Y´
Exterior materials	² KℓÛŠ LJowder coated steel
Access control	Keyed door lock
General warranty	Two ô2ℓ èŠⱠ·ℓℓ LJⱠ·ℓℓúå Ⱡ-yŘ fⱠ·ô2ℓℓ øⱠ·ℓℓℓⱠ·yûè
Compressor warranty	Five (5) year compressor parts warranty
Product Weight (lbs)	ʍтp
Shipping Weight (lbs)	нpp
Rated Amperage	нⁱ8 Amps
Power Plug/Power Cord	NEMA 5-15P plug, 5 ft long cord
Facility Electrical Requirement	110 - 120V AC, 15A breaker, NEMA 5-15 receptacle

Refrigeration System	
Refrigerant	HFC-free refrigerant (R600a)
Defrost	Manual defrost

Controller, Configuration, Alarms and Monitoring	
Controller technology	Digital Temperature Controller
Adjustable Temperature Range	-12° C to -24° C (10° F to -11°F)
Display Technology	LED display
Alarms	High temp, temperature sensor failure
Disclaimers	Specifications are subject to change, The chest freezer models require 8" 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.



Contact		
Customer Service	800-648-4041 Option 3	customerservice@horizonscientific.com
Technical Service	800-648-4041 Option 5, Parts Option 4	technicalservice@horizonscientific.com

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