ABS | American BioTech Supply

ABT-HC-EFP-04

Images

Product Description

In the fast-paced world of scientific and industrial laboratories, precision and safety are key. Our Hazardous Location Undercounter Freezers are engineered for use in environments where volatile or explosive conditions could exist. Crafted with ATEX and non-sparking components, these freezers are designed to keep you and your substances safe. These units meet NFPA and OSHA guidelines for Hazardous Location, Class 1, Division II, Groups C & D guidelines. Engineered with a microprocessor temperature controller, these units provide exceptional precision, recovery, and maintenance. You'll also experience the power of natural hydrocarbon refrigerants through energy savings and a greener laboratory footprint—all while enjoying stellar system performance. *

*Note: Please be aware that these units come without a plug and require hardwiring in conduit, ensuring a secure connection in your high-risk environment. Our freestanding models also require 4 inches of clearance for proper ventilation and safety.

General Description and Application

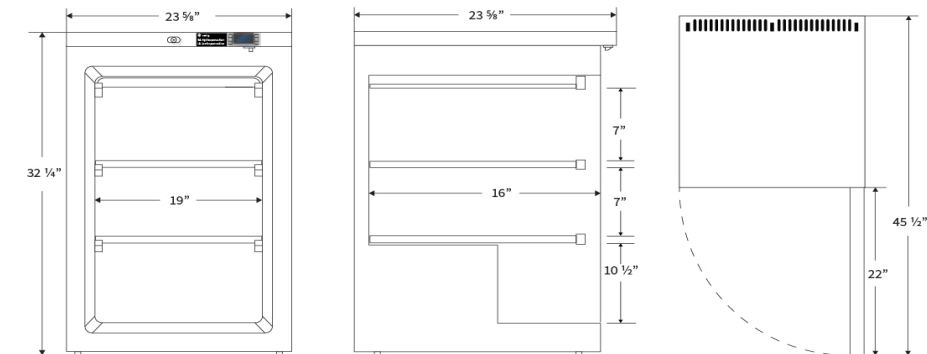|	
Storage capacity (cu. ft)	4 Cu. Ft.
Door	One swing solid door
Shelves	2 fixed shelves
Freezer Compartments	1
Baskets	3 Removable
Mounting	Leveling legs
Interior lighting	Non-applicable
Airflow management	Non-applicable
External probe access	Non-applicable
Insulation	Cabinet is foamed-in-place with EPA compliant high density urethane foam
Exterior materials	White powder coated steel
Access Control	Keyed door lock
General warranty	Two (2) years parts and labor warranty
Product Weight (lbs)	91
Shipping Weight (lbs)	118
Rated Amperage	1.4 Amps
Power Plug/Power Cord	Exposed flying leads, 3 wires
Facility Electrical Requirement	115VAC/60Hz/1PH
Agency Listing and Certification	ETL Listed, Units meed NFPA guidelines 45 and 70

Refrigeration System

Refrigerant	R600a
Defrost	Manual

Controller, Configuration, Alarms and Monitoring

Controller technology	Microprocessor Temperature Controller
Display technology	Digital temperature display
Temperature Setpoint Range (Min°C) and (Max °C)	-15°C to -25°C
External alarm connection	Remote alarm contacts
Alarms	Audible and visual high and low temperature alarms
Simulator Ballast	Glass beads in a bottle
Digital Communication	Non-applicable
Data Transfer	Non-applicable
Disclaimers	This unit must have 4" clearance on sides and back for adequate ventilation.

Dimensions

	Width (in.)	Depth (in.)	Height (in.)	Door Swing (in.)	Total open Depth (in.)
Exterior	23 5/8"	23 5/8"	32 1/4"	22"	45 1/2"
Interior	19"	16"	24 1/2"		

Contact