

# accucold®

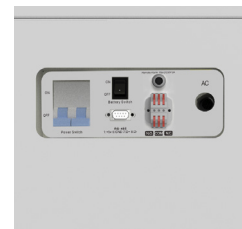
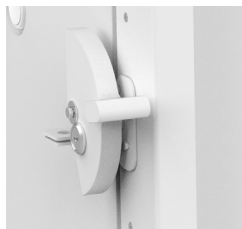
# -86°C

## SKU: AULT50PS

### 1.8 Cu.Ft. Ultra Low Freezer

30 1/4" H x 37 5/8" W x 26 3/8" D (77 cm H x 95.5 cm W x 67 cm D) | 1.8 cu.ft. (50 L)

Purpose-built for the long-term storage and reliable protection of high value, temperature-sensitive products and biological materials



### Advanced Temperature Control

- Intelligent microprocessor digital temperature controller
- Adjustable operating control range from -86°C to -40°C
- Stable interior stays within 3°C of the setpoint
- Digital display of the min/max temperature
- Password protection of control parameters beyond setpoint
- Stores up to 10 years of operational data for optimum record-keeping



### Multiple Alarms for Safer Monitoring

- Audible and visual alerts
- Open door alert if the door is left ajar for over a minute
- Sensor alerts for ambient temperature, interior temperature, & condenser
- High/low internal temperature alarm
- Low battery detection
- Power outage alert
- Main control board communication



### Fully Featured Interior for Convenient Storage

- Adjustable stainless steel shelf included
- Optional freezer box racks
- Access port to accept additional monitoring equipment
- Ergonomic handle for easy but secure opening
- Locking door with two keys, plus spacing to accept padlock
- Universal interior design accommodates racks
- Heavy duty casters allows easy mobility
- Whisper quiet to not disturb workflow



### Quality Design for Reliable Performance

- Environmentally-friendly natural hydrocarbon refrigerant for reduced global warming potential meets EPA and SNAP requirements
- Insulated inner door for an added layer of protection
- VIP vacuum insulation improves capacity and stabilizes performance
- Fast temperature recovery with accelerated pulldown



**ULTRA LOW**  
Operates as low as -86°C  
for sensitive biological  
and laboratory storage



**EXTENDED WARRANTY**  
5-year parts & labor  
12-year compressor



**AUTO CASCADE COMPRESSOR**  
Powerful cooling with fast  
temperature pull-down



**ECO-FRIENDLY**  
Hydrocarbon-based  
cooling system for a  
greener footprint

## accucold®

ACCUCOLD DIVISION, FELIX STORCH, INC. • ISO 9001:2015 CERTIFIED

770 Garrison Avenue, Bronx, NY 10474 USA • TEL: 718.893.3900 • FAX: 844.478.8799 • info@accucold.com • accucold.com

# AULT50PS Specifications

## Overview

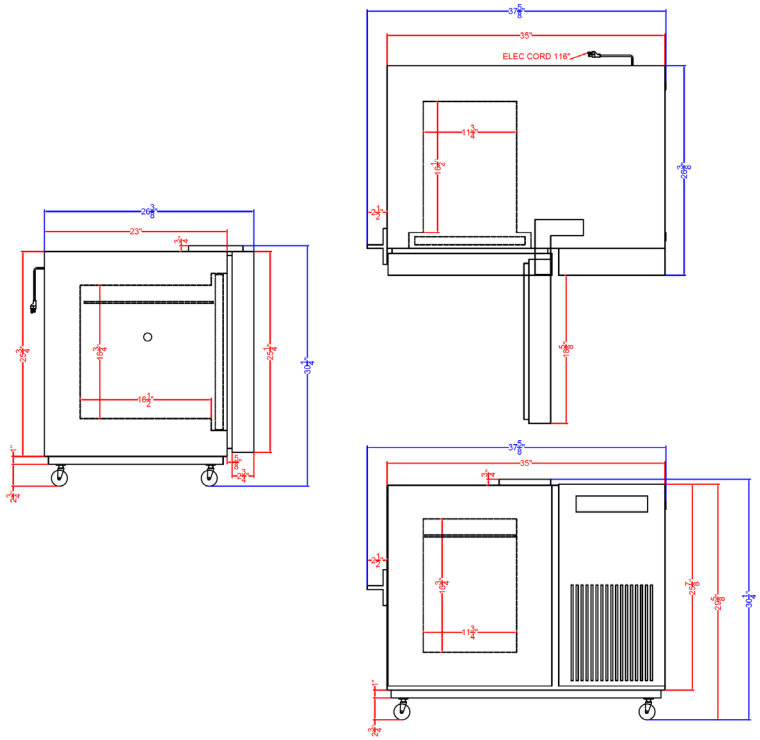
Height	30.25"
Width	37.63"
Depth	26.38"
Depth with Door at 90°	45"
Capacity	1.8 cu.ft. / 50 L
Defrost Type	Manual
Door	White
Cabinet	White
US Electrical Safety	UL
Canadian Electrical Safety	cUL
Amps	10
Voltage/Frequency	115V/60 Hz
Plug	NEMA 5-15P
Weight	229 lbs. / 104 kg.
Shipping Weight	273 lbs. / 124 kg.
Shipping Dimensions	42" H x 42" W x 31" D
Parts & Labor Warranty	5 years
Compressor Warranty	12 years
UPC	761101160764

## Freezer Features

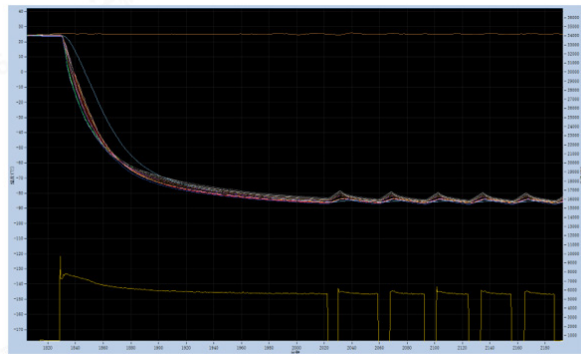
Casters	4
Daily Energy Consumption	7.936 kWh
Door Swing	RHD
Inner Door	1
Shelf Type	Stainless Steel
Shelf Qty	1
Adjustable Shelving	Yes
Shelf Load	up to 26 lbs. / 12 kg.
Thermostat	Microprocessor
Password Protected	Yes
Data Management	Records every 5 minutes to USB
BTU Output	1045 per hour
Refrigerant Type	HC mixed gas (R245fa, R290, R170, R14, N2)
Temperature Range	-86° to -40°C
Temperature Uniformity	2.1°C
Sound level	54.3 dB
Lock	Yes
Access Port	3/8" left wall

## Interior

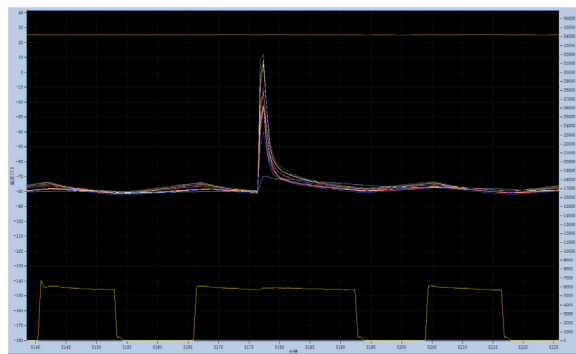
Interior Height	16.75"
Interior Width	11.75"
Interior Depth	16.5"
Interior Construction	430 grade SS
2" Freezer Box Capacity	36
2" Freezer Rack Capacity	2
3" Freezer Box Capacity	24
3" Freezer Rack Capacity	2



## Quick Temperature Pull-Down



## Door Open Recovery Curve



Ask About Our Preventive Maintenance Programs

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