

accucold®

Performance Series Ultra Low Freezers

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

-86°C

Perfect for:

**Academia • Laboratories • Pharmaceutical
Hospitals • Biotech**



SKU: AULT530DC



SKU: AULT780DC



SKU: AULT50PS

Advanced Features for Trusted Ultra Low Storage



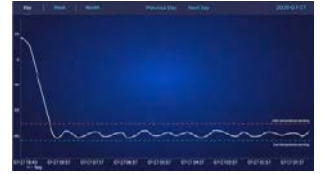
Energy Efficient*

Dual Shield models feature an ENERGY STAR® certified performance



Added Reliability with Dual Shield Protection*

In the event of compressor failure, the second compressor continues to operate independently to maintain -70°C, protecting stored contents as you wait for service



Temperature Stability

Maintains temperature within 3°C of set point



Environmentally-Friendly

Dual Shield models feature an ENERGY STAR certified performance



Dual Voltage*

Can switch from 115V to 220V (2 plugs included)



User Friendly Display*

10" hi-res LED touchscreen allows intuitive operation and data management for staff



Intuitive Data Management*

Touchscreen includes shortcuts for data view, data curves, operation records, fault analysis, & user notes



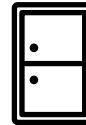
Secure Storage*

Password-protected controls with optional facial recognition & NFC cards, plus a mechanical lock & padlock



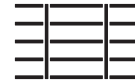
Ergonomic Handle

Self-locking design with an easy-to-grab handle



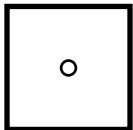
Insulated Inner Doors

Added layer of protection from ambient temperature



Universal Internal Design

Dimensions accommodate the most common rack configurations



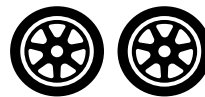
Access Port(s)

Pre-installed ports to accept additional monitoring devices (3 on full-sized, 1 on undercounter)



Easy Maintenance

Condenser dust filter is easily removable for fast cleaning



Smooth Mobility

4 casters (front locking) for easy transportation



Vacuum Insulation

VIP vacuum insulation improves capacity and stabilizes temperature



Accelerated Performance

Pulls down to -80°C in just 185 minutes and recovers from 1-minute door openings in 24 minutes.



Whisper Quiet

53 dB performance provides comfortable working conditions



Data Recording

Stores 10 years of operational data for optimum record-keeping

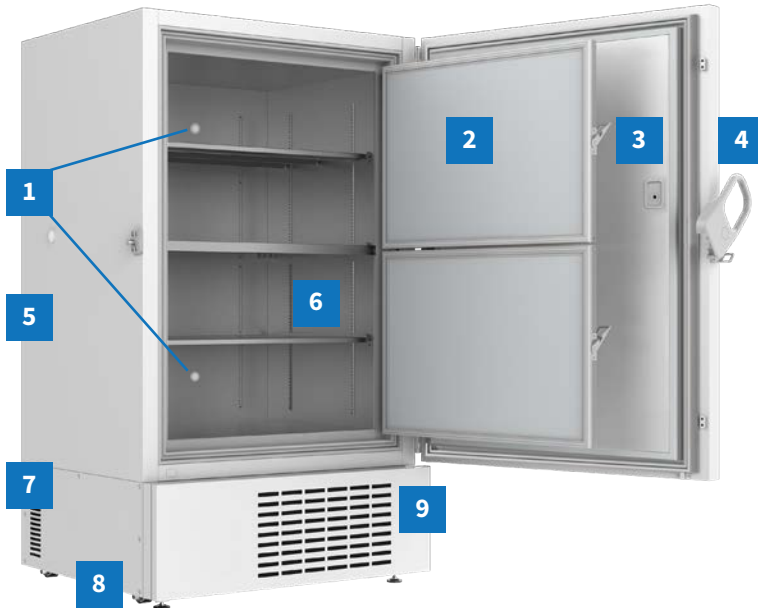


Extended Warranty

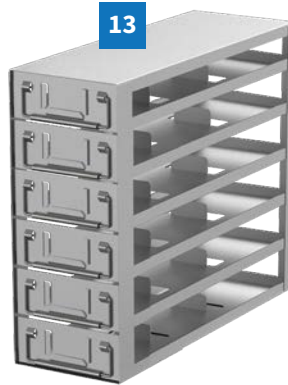
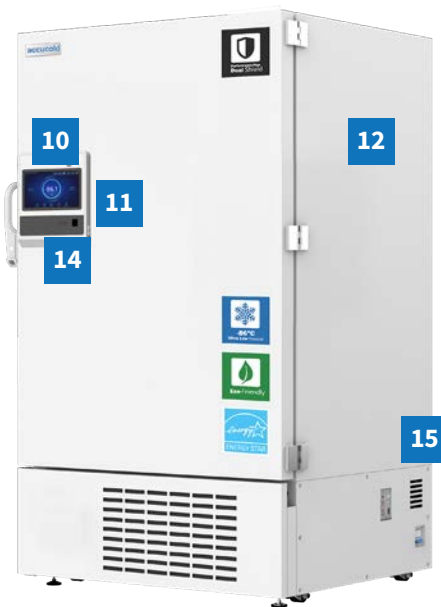
12-year compressor coverage and 5-year parts & labor

*NOTE: Included on Dual Shield models (suffix "DC"). Cascade Series features vary. Visit us online for detailed information on every Accucold item.

Purpose-Built For Reliability You Can Trust



1. Access Ports
2. Insulated Removable Inner Doors
3. Heated Pressure Relief Valve*
4. Ergonomic Handle
5. Multiple Temperature Sensors
6. 304 Grade Stainless Steel Walls
7. 115V & 220V Plugs Included*
8. Locking Casters
9. Removable Condenser Filter



10. 10" LED Touchscreen*
11. USB Port
12. VIP Vacuum Insulation Panel
13. Optional Freezer Racks
14. Electronic Door Lock
15. Dual Redundant Compressors*

*NOTE: Dual Shield models only



Includes 12 Audible/Visual Alarm Function

- Remote alarm
- Open door
- Ambient temperature sensor alert
- Condenser sensor alert
- Temperature sensor alert
- High internal temperature alarm
- Low internal temperature alarm
- High ambient temperature alarm
- Low battery alarm
- Battery level detection alert
- Power outage alarm
- Main control board communication alert

Product Specifications



DUAL SHIELD

Uninterrupted cooling with two independent, variable speed compressors

SKU	Dimensions	Compressor	Capacity	2" Freezer Boxes / Racks	Temperature Range	Controller/ Display	Data Logging	Construction	Shelving	Casters	Power Source
AULT530DC	76 5/8" H x 36 5/8" W x 41" D 1947mm H x 903mm W x 1041mm D	2 redundant	18.7 cu.ft./ 530 L	400 / 16	-40 to -86°C	Microprocessor w/ 10" HD Intelligent Touchscreen	USB (logs every 5 minutes)	Exterior: Powder-Coated Steel (White) Interior: Stainless Steel	3 SS shelves	4 + 2 leveling legs	115V (NEMA 5-15P included); 220V (NEMA 6-15P Included)
AULT780DC	77" H x 47 1/2" W x 40 3/8" D 1955mm H x 1205mm W x 1025mm D	2 redundant	27.5 cu.ft./ 780 L	600 / 24	-40 to -86°C	Microprocessor w/ 10" HD Intelligent Touchscreen	USB (logs every 5 minutes)	Exterior: Powder-Coated Steel (White) Interior: Stainless Steel	3 SS shelves	4 + 2 leveling legs	115V (NEMA 5-15P included); 220V (NEMA 6-15P Included)



CASCADE SYSTEM

High efficiency cooling technology for easy use & maintenance

SKU	Dimensions	Compressor	Capacity	2" Freezer Boxes / Racks	Temperature Range	Controller/ Display	Data Logging	Construction	Shelving	Casters	Power Source
AULT50PS	29 7/8" H x 37 1/2" W x 27 5/8" D 757mm H x 951mm W x 700mm D	1 cascade	1.7cu.ft./ 50 L	36 / 2	-40 to -86°C	Microprocessor w/ Digital Display	USB (logs every 10 minutes)	Exterior: Powder-Coated Steel (White) Interior: Stainless Steel	1 SS shelf	4	115V (NEMA 5-15P included)
AULT779PS	77" H x 47 1/2" W x 40 3/8" D 1955mm H x 1205mm W x 1025mm D	2 cascade	27.5 cu.ft./ 780 L	600 / 24	-40 to -86°C	Microprocessor w/ 10" HD Intelligent Touchscreen	USB (logs every 10 minutes)	Exterior: Powder-Coated Steel (White) Interior: Stainless Steel	3 SS shelves	4 + 2 leveling legs	115V (NEMA 5-15P included); 220V (NEMA 6-15P Included)

For more information, visit accucold.com/ult-freezers

accucold®

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