



-86°C



**Performance Plus
Dual Shield**

SKU: AULT530DC

18.7 Cu.Ft. Ultra Low Freezer

76 1/2" H x 36 7/8" W x 38 1/2" D (1943 cm H x 937 cm W x 978 cm D) | 18.7 cu.ft. (530 L)

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



Advanced Temperature Control

- 10" LED touchscreen allows intuitive operation & data management
- Adjustable operating control range from -86°C to -40°C
- Stable interior stays within 2.5°C of the setpoint
- Digital display of the min/max and ambient temperature
- Easy viewing of temperature records, data curves, alarm history, door openings, & user logins
- Message board function for staff communication
- Inventory storage management system
- Bluetooth & WiFi connectivity
- Stores up to 10 years of operational data for optimum record-keeping



Fully Featured Interior for Convenient Storage

- Dual voltage design with a 115V and 220V plug included
- Adjustable stainless steel shelves included
- Optional freezer box racks
- Access ports 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



Trusted Security & Temperature Monitoring

- Electronic & mechanical door lock, with optional facial recognition, fingerprint, & NFC card access
- 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
- USB port included for easy data export
- Remote alarm terminal in rear



Quality Design for Reliable Performance

- Dual Shield protection with two independent compressors that ensure temperature is maintained at -80°C in the event of compressor failure
- ENERGY STAR® certified
- 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



**DUAL SHIELD
PROTECTION**
Two redundant
compressors ensure
no downtime



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

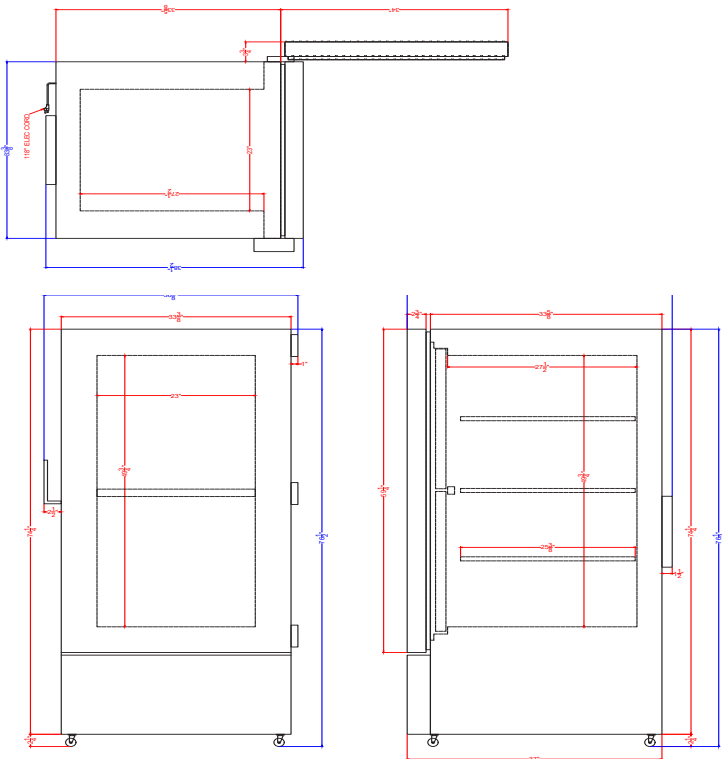


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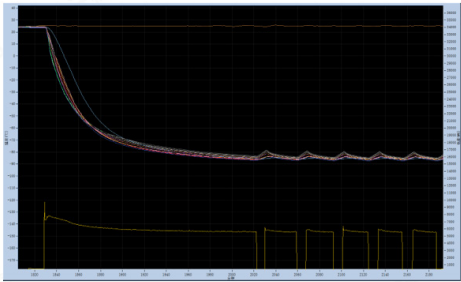
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AULT530DC Specifications

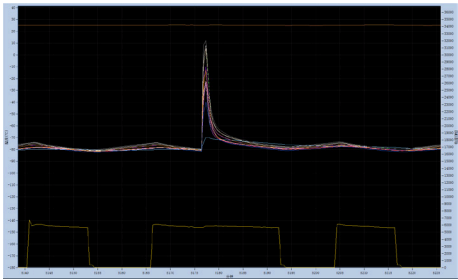
Overview	
Height	76.5" / 1943 mm
Width	36.88" / 9368 mm
Depth	38.5" / 9779 mm
Depth with Door at 90°	67.63" / 1718 mm
Capacity	18.7 cu.ft. / 530 L
Defrost Type	Manual
Exterior	White
Electrical Safety	UL, cUL
ENERGY STAR® Certified	Yes
Amps	13.42
Voltage/Frequency	115V/60 Hz / 220V/60 Hz
Plug	(1) NEMA 5-15P (1) NEMA 6-15P
Weight	608 lbs. / 276 kg.
Shipping Weight	735 lbs. / 334 kg
Shipping Dimensions	84" x 45" x 51" / 2133 x 1143 x 1295 mm
Parts & Labor Warranty	5 years
Compressor Warranty	12 years
Freezer Features	
Casters	4
Daily Energy Consumption	7.3 kWh
Door Swing	RHD
Inner Doors	2
Shelving	(3) Adjustable Stainless Steel
Shelf Load	up to 83 lbs. / 38 kg.
Thermostat	Microprocessor w/10" HD Intelligent Touchscreen
Password Protected	Yes
Data Management	Records every 5 minutes to USB
Refrigerant Type	HC mixed gas (R600a, R1150, R50)
Compressor	(2) Redundant
Compressor Power	1650 BTU
Temperature Range	-86° to -40°C
Temperature Uniformity	2.5°C
Sound level	53.1 dB
Mechanical Lock	Yes
Facial Recognition	Yes
Fingerprint Access	Yes
Electromagnetic lock	Yes
ID Card Access	Yes
Access Port	2 (upper rear wall, left wall)
Interior	
Interior Height	49.75" / 1264 mm
Interior Width	23" / 584 mm
Interior Depth	27.5" / 689 mm
Interior Construction	304 grade SS
2" Freezer Box/Rack Capacity	400 / 16
3" Freezer Box/Rack Capacity	240 / 16



Quick Temperature Pull-Down



Door Open Recovery Curve



Ask About Our Preventive Maintenance Programs

accucold®

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