



APRU 6L

Autonomous Portable Refrigeration Unit



Safety Certified

North American Classification Listing (cETLus Mark) with EMC Medical and Laboratory Base Safety

Hot and Cold Environments

Compartment heating and cooling ensure stable temperature in all austere conditions

All Orientations

Temperature maintained in any position with active cooling automatically managed

Rugged Design

Withstands rough handling and accommodates austere environments including salt water

Practical Display

Informs operator through on-screen prompts and provides record of stored temperature. Supplies predicted remaining storage time

Internal Charger

Charges battery while maintaining temperature. Battery recharges in 4 hours

Uses Military Battery

Operates on internal MIL-PRF-32383 BB-2590/U smart battery

Long Battery Run-Time

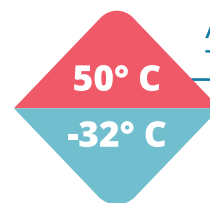
No battery swapping normally needed thanks to 80-hour battery run-time

Helicopter Air Ambulance Qualified

Meets "Helicopter Air Ambulance" (HAA) equipment requirements for shock / vibration and radio interference. Pressure relief vented compartment. DO-160-G test reports available

Silent and Dark Mode

Prevents interference with infrared night-vision equipment and preserves concealment



Ambient Operating Temperature Range

DELTA 
DEVELOPMENT TEAM®





ENVIRONMENTAL

Temperature Ranges:
Operating
 -32° to 50°C (-25° to 122°F)
 with battery discharge
 and AC power operation.
Battery Charging
 -10° to 40°C (-4° to 104°F)
Storage
 -32° to 60°C (-25° to 140°F)

Temperature and Humidity
 IEC 61010-1
Ingress Protection
 IP66 & NEMA4X Waterproof
EMC

EN 55011 CISPR 11 Class A

Refrigeration Safety

UL/IEC 61010-2-11

Heater Safety

UL/ IEC 61010-2-10

Operating Voltages

100 to 240 VAC
 (50/60 Hz) or 12.0 to 31.0
 VDC

MET Safety
 Certification



SPECIFICATIONS

GENERAL

Size

19.3" wide x 10.1" high
 x 10.2" deep (49 cm wide
 x 25.7 cm high x 25.9
 cm deep)

Weight

29 lbs (13.2 kg) unloaded

TEMPERATURE

RECORDING

Frequency

4 hours

Duration

72 days

Accuracy

± 1°C, class 2 (k=2)

Calibration

NIST Traceable

STORAGE

Internal temperature

4.5°C ± 0.8°C

Duration

95 hrs @ 24°C (@ 75°F)

Volume

4.2 L (4.4 qt)

Unit capacity

Six 500 ml bags

Standard

AABB "Standards for
 Blood Banks and
 Transfusion Services",
 31st Edition

FDA Registered

#195893765478
 Class II. Code KSE
 For use near patient

HAA FAA Qualified

AC No: 135-14B, sec 5-3.d, 5-5(1)