



# 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

### Uses Military Battery

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

### Internal Charger

Charges battery while maintaining temperature. Battery recharges in 4 hours

### Long Battery Run-Time

No battery swapping normally needed thanks to 95-hour battery run-time

### Approved for Airworthiness

The APRU is listed in the Army AWR 1930, Revision 26. It's authorized for use on board UH-60L, UH/HH-60M, and UH-60V Army helicopters in battery powered mode

### 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



FDA  
LISTED  
DEVICE

**DELTA**   
DEVELOPMENT TEAM®







## 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

Meets AABB Standards  
for Blood Banks and  
Transfusion Services

### FDA Registered

#00860006680909

Class II. Code KSE

For use near patient

### HAA FAA Qualified

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



## 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



Government  
Contract Procurement  
Information



CAGE 84SB5