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 acccommodates 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 95-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





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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

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Meets AABB Standards for Blood Banks and Transfusion Services

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)

5(1)

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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



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