

AUTONOMOUS PORTABLE REFRIGERATION UNIT (6 LITER)

EXTREME MEDICAL REFRIGERATION FOR MEDICAL PROFESSIONALS.

The Autonomous Portable Refrigeration Unit (APRU) is an FDA listed device that provides constant cooling of blood products, vaccines, and temperature-controlled medications using a standard Military Battery with a 95-hour run-time. The APRU has intuitive on-screen controls and records stored temperature for up to 72 days. Its heating and cooling capability ensures stable temperature in all austere environments spanning the realms of military operations, disaster relief response, and emergency medical systems.

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.



5-year warranty AVAILABLE

Protect your investment with a 5-year warranty (35-0075) for your Autonomous Portable Refrigeration Unit (APRU). Please contact Customer solutions for more information.

FEATURES/SPECIFICATIONS

- FDA Listed & AABB Certified
- Complies with Blood Bank requirements
- 95 hours duration on single battery charge
- Rugged design, easily transportable
- Waterproof and dustproof
- Records and stores internal temperature
- Authorized for use on board UH-60L, UH/HH-60M, and UH-60V Army helicopters in battery powered mode

APRU (6L)

ITEM #	NSN
35-0034	4110-01-702-8523

DIMENSIONS

- H 9.5 in. x W 9.7 in. x L 11.5 in.
- Weight (unloaded): 10.5 lbs.

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PRODUCT SPECIFICATIONS

General

- Standard: Meets AABB Standards for Blood Banks and Transfusion Services
- FDA Registered: Class II. Code KSE. For use near patient
- HAA FAA Qualified: AC No: 135-14B, sec 5-3.d, 5-5(1)

Storage

- Internal temperature: 4.5°C ± 0.8°C
- Duration: 95 hrs @ 24°C (@ 75°F)
- Volume: 95 hrs @ 24°C (@ 75°F)
- Unit capacity: Six 500 ml bags

Temperature Recording

- Frequency: 15 minutes
- Duration: 3 days
- Accuracy: 1°C
- Reporting: Cellular and Bluetooth to Application

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



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