



AX56L Mobile Temperature Management



The AX56L is CE certified and registered with the FDA to adhere to 21 CFR Part 820 and is a 510(K) exempt Class II medical device.

Features include:

Hold times at 2°C -8°C set-point on batteries

Data logging

Rugged waterproof container

Ability to power from multiple sources including while mobile

Payload Capacity:

40 x 450 ml units/
60 x 250 ml units

Vaccines, drugs, specimens and other biopharmaceutical materials are safely transported in the AX56L active solution insulated with CSafe's exclusive ThermoCor[®] technology.

Transport and Store Temperature-Sensitive Goods with Confidence

The AcuTemp[®] brand AX56L is designed for biopharma, public health and humanitarian organizations that must safely move and distribute vaccines, large-molecule drugs, liquid and frozen blood and blood components, lab reagents and other temperature-sensitive health and medical products.

The AcuTemp brand AX56L mobile refrigerator/freezer is a versatile thermal management unit with two temperature set-points designed to safely store and transport payloads requiring precise refrigerated or frozen temperature-control.

This versatile system maintains payload temperatures with easy to use dual setting capability for (+4°C [39.2°F] or -22°C [-7.6°F]) operation.

Reliable Performance for Peace of Mind[®]

The AX56L integrates the best available thermal insulation, power management and cooling control technology. Data logging technology monitors and verifies payload temperature – aiding in regulatory compliance and ensuring that the payload remains at The Right Temperature[®].

- Internal temperatures are continuously logged with easy data export
- Highly visible LCD display shows internal temperature, battery condition and data log information

There are over 5,000 AX56L units (formerly marketed as HemaCool[®]), in service around the world in highly demanding disaster relief, combat and humanitarian zones.





Physical Specifications

Payload Volume: **56.6 liters (2 ft³)**

Payload Dimensions
(LxWxH):
45.7 cm x 35.6 cm x 33.0 cm
(18 in x 14 in x 13 in)

External Dimensions
(LxWxH):
99.6 cm x 58.9 cm x 57.9 cm
(39.2 in x 23.2 in x 22.8 in)

Empty Weight: **65.9 kg (145.0 lbs)**

Operational Specifications

Power Sources:
100 to 240 VAC, 50/60 Hz
12 - 24 VDC (car/truck)
Internal 42 Ahr battery set

Temperature Range:
Operating: -20°C to 49°C (-4°F to 120°F)
Storage: -30°C to 65°C (-22°F to 149°F)

NSN: 4110-01-629-9593



Optional storage racks available

Advantages

- Multiple operating modes
 - Refrigerator mode: +4°C (39.2°F)
 - Freezer mode: -22°C (-7.6°F)
- Heater mode for low ambient temperatures
- No dry or wet ice or phase change materials to condition
- Assured payload integrity
 - Rugged design withstands abuses of transportation
 - 48-hour temperature assurance, on internal batteries only, at room temperature
 - Multiple, globally compatible power options
 - Forced air convection for fast uniform cooling
 - Data logging technology to monitor and verify payload temperature – aiding regulatory compliance
 - Payload safety alarm system
- Wheeled cart capable

Total Solutions

CSafe Global manufactures AcuTemp[®] brand passive packaging and hand-held mobile carriers, the CSafe[®] industry leading RKN which utilizes heating and compressor-driven cooling technology to eliminate the risks associated with extreme ambient conditions as well as the cost, aggravation and environmental challenges associated with dry ice transportation, and is also the exclusive manufacturer and provider of ThermoCor[®] vacuum insulation. CSafe Global's AcuTemp brand has provided temperature management solutions since its founding more than 25 years ago. The passive packaging assortment includes solutions for 2-8°C, CRT and frozen shipments with temperature hold times up to 240 hours.



CSafe Global's full range of active and passive solutions