

AX56L

Active temperature management mobile system with VIP insulation



Technical specifications

The AcuTemp® AX56L mobile refrigeration and freezer system is a versatile, military-grade active container with a rugged, ergonomic hard shell designed for transporting and storing temperature-sensitive, life-saving plasma, vaccines, and medical supplies in the most extreme conditions and environments. More than 5,000 of these unique portable systems are in service around the world, meeting critical cold chain needs in disaster relief areas, humanitarian aid operations, and combat zones. Developed and designed to provide Peace of Mind®, the AcuTemp AX56L system integrates best-in-class Vacuum Insulated Panel (VIP) technology, power management, and temperature control technologies in a durable container.

Reliable temperature protection for Peace of Mind

- Best-in-class portable refrigeration and freezer system
- Efficient operational capabilities, even in extreme ambient temperatures (-20°C to +49°C)
- Global compatibility with multiple power options
- 48-hour temperature assurance on a single battery charge
- 56L payload capacity with options for internal trays to optimize protection of life-enhancing products

System advantages:

- Rugged, portable battery-powered refrigeration/freezer system to withstand harsh environmental conditions
- Superior ThermoCor® VIP insulation, providing up to 10 times greater thermal efficacy per inch than standard foam insulation
- HemaLog™ data logging program for monitoring payload temperature, ambient temperature, battery status and voltage
- Broad operating range from -20°C to +49°C (-4°F to +120°F)
- Optimized solution design without the need for ice or coolants to maintain temperature
- Forced air convection for optimal circulation of temperature conditioned air
- Two user-selectable temperature setpoints:
 - ▶ COOL mode: +4°C (+39.2°F)
 - ▶ FREEZE mode: -22°C (-7.6°F)
- Safety alarm to indicate deviation from temperature setpoints
- 48-hour payload temperature duration (on internal batteries)
- Globally compatible power options:
 - ▶ 100-240 VAC, 50/60 Hz, 12-24 VDC (car/truck), and internal 42 amp Ahr battery
- CE, TGA and MIL-STD 810G compliant

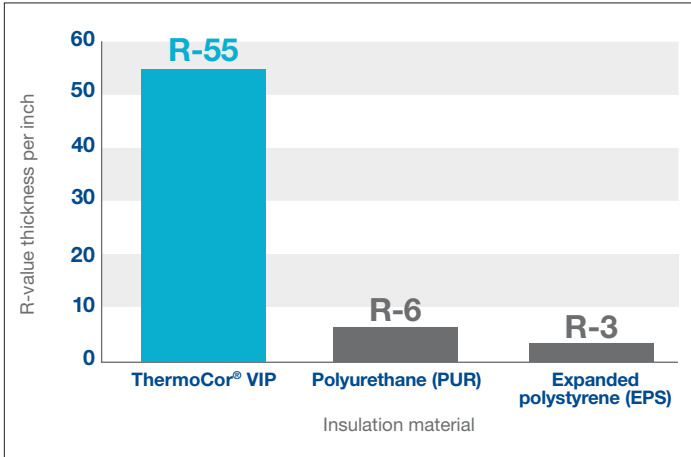


For more information on the AcuTemp AX56L, please contact us or visit CSafeGlobal.com

AcuTemp AX56L

Technical specifications (continued)

ThermoCor® VIP achieves far superior thermal efficiency compared to commonly used insulation



Unmatched thermal protection with ThermoCor VIP:

The AcuTemp AX56L utilizes CSafe's proprietary ThermoCor VIP insulation to provide up to 10 times greater thermal efficiency per inch versus standard foam insulation.

- VIP technology empowers the mobile system to effectively and efficiently maintain temperature setpoints, at +4°C or -22°C while on battery power
- Best-in-class VIP performance ensures payload temperature integrity with a battery life up to 48 hours
- Unique system design eliminates need for phase change materials or ice to cool payload



HemaLog™ data logging program:

The AcuTemp AX56L system is equipped with data logging technology, assuring users that healthcare payloads remain at The Right Temperature®.

- Continuous logging of internal temperatures, with flexible data export options
- Highly visible LCD display indicating internal temperature, battery condition and data log information

Operational specifications:

Temperature Range	Payload Volume	Payload Dimensions	Payload Capacity (internal tray)	External Dimensions	Internal Battery Run Time	Power Consumption	Empty Weight
-20°C to +49°C (operating)	56.6L	18 x 14 x 13 in ³	40 x 450ml/60 x 250ml*	39.2 x 23.2 x 22.8 in ³	14 hours at 43°C	55 watts at 49°C	145 lbs
-30°C to +65°C (storage)	(2ft ³)	457 x 356 x 300 mm ³	*accommodates various blood pack sizes	996 x 589 x 579 mm ³	48 hours at 25°C	35 watts at 43°C 12 watts at 25°C	65.9 kg



Keeping temperatures precisely where they need to be

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