

Active Container Comparison

Feature	CSafe RKN	Other Active**	Hybrid**
Cargo Compartment Operating Temperature Ranges	+4 to +25°C	0°C to +20°C	Fixed at +5°C
Temperature Control Tolerances	±2°C at +5°C ±2°C at +20°C	±3°C below +10°C Set Point ±5°C above +10°C Set Point	Fixed at +5°C ±3°C
Ambient Operating Temperature Ranges	-30 to +49°C (no exposure limitations)	-10 to +30°C (allowable "short term" exposure to -20 and +40°C)	-40°C to +60°C
Maximum Ambient Temperature Condition in which Payload Temperature can be Maintained	+49°C	+40°C	+60°C
Minimum Ambient Temperature Condition in which Payload Temperature can be Maintained	-30°C	-20°C	-40°C
Data Logging	Yes - Free using a USB	Yes - Additional cost and special equipment required	Yes - External data logger
Insulation Type	VIP	Foam	VIP
System R Value	>24	<8	Not stated
Catastrophic Hold Over Time	8 hours @ 23°C	40 Minutes @ 23°C	Not stated
Protection of Insulation integrity	Yes – Reinforced composite	No	Not stated
Overall Cargo Compartment Volume	70 ft³ 2.0 m³	81.9 ft ³ 2.32 m ³	57.5 ft ³ 1.63 m ³
Pallet Required Under Cargo for Airflow	No	Yes	Yes
Usable Payload Cargo Volume	70 ft³ 2.0 m³	72 ft ³ 2.04 m ³	46.2 ft ³ 1.3 m ³
Overall Internal Cargo Area Dimensions	122x127x128 cm 48.00x50.13x50.3"	134x132x131 cm 52.7x51.9x51.7"	128 x 111 x 116 cm 50.5 x 44 x 46"
Usable Payload Cargo Area Dimensions	122x127x128 cm 48.00x50.13x50.3"	134x132x115 cm 52.7x51.9x45.4"	125 x 105 x 99 cm 49.5 x 41.5 x 39"
Battery Charge Time to Full Charge	4 hours	8 hours	12 hours
Battery Run Time @ +22°C	130 hours	65 hours	100 hours @ +23°C
Battery Run Time @ +30°C	90 hours	30 hours	72 hours @ +30°C
Battery Run Time @ -10°C	90 hours	30 hours	8 hours @ -20°C
Battery Run Time @ -30°C	26.5 hours	Will not hold temperature	4 hours @ -40°C
Battery Run Time @ +49°C	26.5 hours	Will not hold temperature	4 hours @ 60°C

**All specifications and product claims obtained through internet research or manufacturer website as of April 1, 2015.