



CSafeRKN

Active Temperature-Controlled Air Cargo Container

The CSafe RKN active temperature management solution was designed to protect temperature-sensitive life science products during air cargo shipments around the world.

The CSafe RKN brings an unparalleled level of precision, control and temperature assurance with intelligent programming and patented vacuum insulated panel (VIP) technology. Combined with a radiant heating and compressor-driven cooling system, the CSafe RKN autonomously recirculates conditioned air throughout the cargo chamber to encapsulate the payload and provide an optimal layer of protection from temperature risks associated with long-duration shipments in extreme ambient temperature conditions.

Key Features



Advanced active temperature-controlled container



Superior VIP insulation protects payload temperature in the event of failure



Efficient operational capabilities in extreme ambient temperatures (-30°C to +49°C)



Innovative Air Recirculation System (ARS) for complete encapsulation of payloads



Suitable for use on all wide-body aircraft, with regulatory approval for use on both lower and upper decks



Forkliftable base with flat bottom for roller conveyor transport and aircraft loading



Integrated real-time visibility tracker



Array of 6 temperature sensors throughout cargo compartment



User-selectable temperatures from +4°C through +25°C



Designed to easily manage 1 standard US or Euro pallet, in any orientation



Wide-opening door for easy access to cargo area



PAYLOAD (LITERS)
2000



TEMPERATURE RANGE
+2°C to +8°C
+15°C to + 25°C

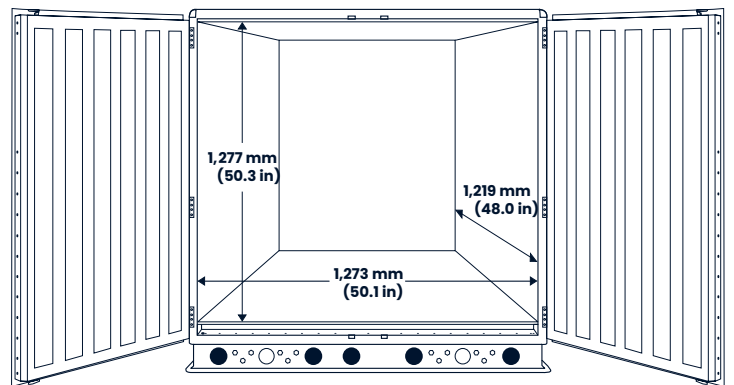
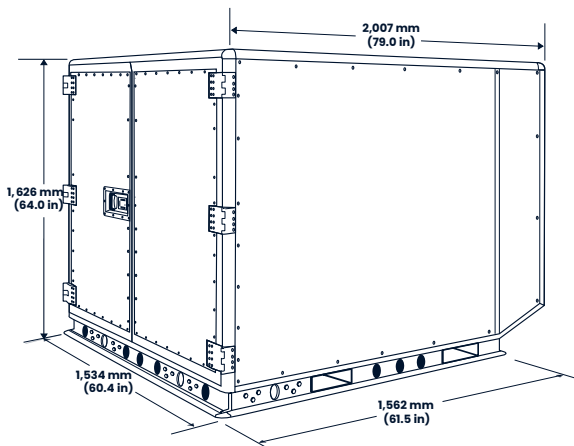


DURATION (HOURS)
130+

PRODUCT NAME	PAYLOAD	TEMPERATURE RANGE	DURATION	INTERNAL SPACE L X W X H	EXTERNAL DIMENSIONS L X W X H	TARE WEIGHT	MAXIMUM PAYLOAD WEIGHT	MAXIMUM ALLOWABLE WEIGHT
CSafe RKN	2000 L 70 cu ft	+2°C to +8°C +15°C to +25°C	130+ hrs	1219 x 1273 x 1277 mm ³ 48 x 50.1 x 50.3 in	2007 x 1534 x 1626 mm ³ 79.0 x 60.4 x 64.0 in	646 kg 1425 lbs	941 kg 2075 lbs	1588 kg 3500 lbs

Power Features

- Power sources:
 - AC power (100-240 V, 50-60 Hz)
 - Internal batteries (regulatory approved, sealed, nonspillable design that meets Dangerous Goods Regulations)
- Rechargeable anywhere in the world with included multisystem charging cables
- Rapid battery charging, from 0% to 100% in only 4 hours
- Run time >130 hours for typical shipments



Contact us at sales@csafeglobal.com

CSafe has a worldwide network of comprehensive service centers, manufacturing facilities, sales offices and local hub sites to provide solutions where and when you need them. With representatives across the Americas, EMEA and APAC, local and regional support is always available.