

Single-Pallet Active Temperature-Controlled Container

CSafe RKN active ULD containers protect temperature-sensitive life-science products during air cargo shipments around the world. They offer unparalleled precision and temperature assurance with intelligent programming and patented VIP insulation 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 Temperature Management System (TMS) for autonomous control of heating and cooling systems



Unmatched 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 widebody 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

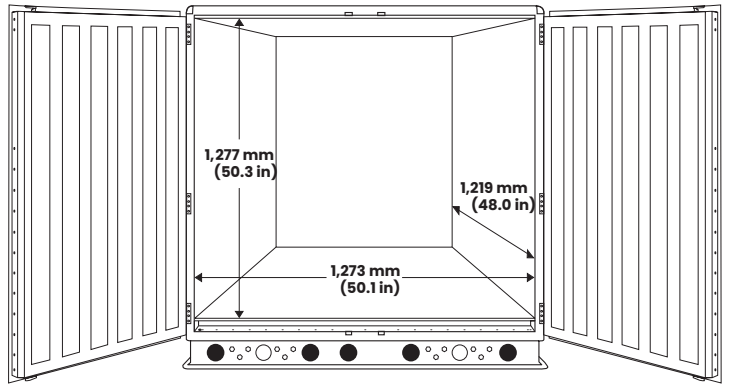
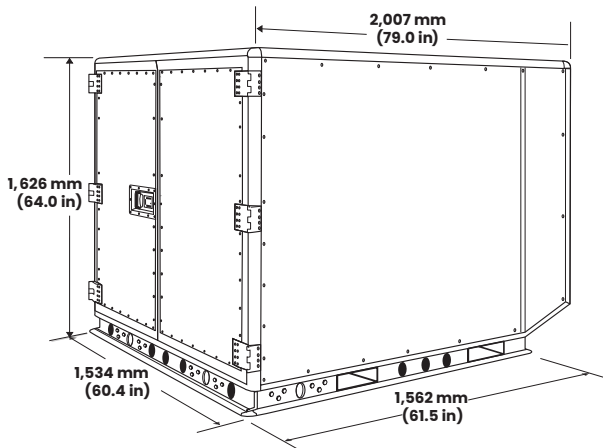


Designed to easily manage 1 standard US or Euro pallet, in any orientation



Wide-opening doors for easy access to cargo area

Technincal Specifications



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 Gross Weight
CSafe RKN	2.0 m ³ 70 cu ft	+2°C to +8°C +15°C to +25°C	130+ hrs	1219 x 1273 x 1277 mm 48 x 50.1 x 50.3 in	2007 x 1534 x 1626 mm 79.0 x 60.4 x 64.0 in	646 kg 1425 lbs	941 kg 2075 lbs	1588 kg 3500 lbs

Specified measurements are subject to minor variation due to rounding and unit conversion between metric and imperial system.



Payload (cubic meters)
2.0



Temperature range
+2°C to +8°C
+15°C to +25°C



Duration (hours)
130+

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 **7 hours**
- Run time **>130 hours** for typical shipments

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