

TECHNICAL SPECIFICATION

Envirotainer[®] container RKN e1 Designed for the pharmaceutical industry

ENVIROTAINER[®] CONTAINER RKN e1

Designed for the pharmaceutical industry

The RKN e1 is a one pallet size container, based on the second-generation active temperature control system and utilizes compressor cooling and electric heating technology, to meet the requirements of the pharmaceutical industry for smaller shipments. The RKN e1 container maintains product temperatures in the +2 to +8 °C range, controlled room temperature (+15 to +25 °C) range or at any chosen set temperature between ±0 to +25 °C.

Ensuring seamless handling throughout your supply chain

The RKN e1 is a certified air cargo ULD (Unit Load Device). A ULD can be carried on board the most common types of wide body aircrafts. Moreover, ULD's often get prioritized cargo status, are tracked in airlines fleet management and have a quick transfer process. These factors improve the fleet management, traceability and priority onboard of ULD's, compared to non-ULD, reducing the risk of shipment delays.



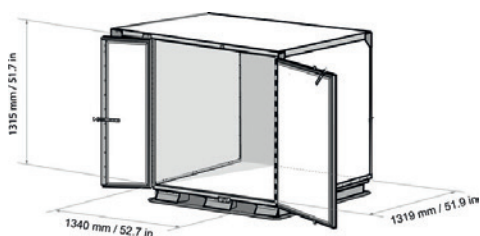
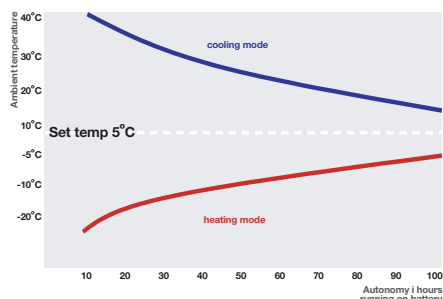
Open platform

Envirotainer is an open platform service provider – our products are made available worldwide through a range of partners in the airline and forwarding industry. Contact Envirotainer to test the RKN e1 container

Features & Performance

- Electrical heating and compressor cooling for flexible set temperature depending on shipping requirements
- Rechargeable batteries that can be recharged at standard AC-power connection points
- Enhanced air circulation inside the container ensures a low-temperature gradient within the cargo space
- An easy to use control unit allowing simple operation of the container
- Data logging functionality
- Forkliftable from all sides even when fully loaded, eliminating the need of roller beds

Operating time (without recharging)



Contact information

It is easy to implement and work with an Envirotainer® solution. We offer a range of container types for convenient short and long term leasing from a worldwide network of stations. Please contact one of our three operations centers for container leases or visit www.envirotainer.com for more information

www.envirotainer.com

ENV1303 Envirotainer is a registered trademark of the company Envirotainer AB. All rights reserved.

ENVIROTAINER® CONTAINER RKN e1

Refrigerating system

Thermostat-controlled air conditioning system with compressor cooling and electrical heating. Powered by rechargeable batteries.

Recharging power supply	100-240 V AC, 50-60 Hz
Maximum power consumption during charging	1850 W
Maximum charging time	8 h

Container set temperature range	0°C to +25°C (+32°F to +77°F)
Temperature tolerance in cargo space	
– at set temp 0 to +10°C (+32°F to +50°F)	+/- 3°C (+/- 5.4°F)
– at set temp +10°C to +25°C (+50°F to +77°F)	+/- 5°C (+/- 9°F)

Autonomy at container set temperature +5°C (41°F) at ambient temperature -10°C (+14°F) or +30°C (+86°F)	30 h
--	------

Operation range at container set temperature +5°C (41°F) ambient conditions*	-20°C to +40°C (-4°F to +104°F)
Storage temperature range	-40°C to +50°C (-40°F to +122°F)

Dimensions

External cube (volume)	4,8 m ³ (169.6 foot ³)
External dimensions (L x W x H)	2000 x 1535 x 1620 mm (78.7 x 60.4 x 63.8 in)
Internal dimensions (L x W x H)	1340 x 1319 x 1315 mm (52.7 x 51.9 x 51.7 in)
Door opening (L x H)	1340 x 1315 mm (52.7 x 51.9 in)
Internal cube (volume)	2,3 m ³ (81.9 foot ³)

Weight

Tare weight**	635 kg (1,400 lbs)
Max gross weight	1,588 kg (3,500 lbs)
Max net weight**	953 kg (2,100 lbs)

Other information

Suitable for use on aircraft A300, A310, A330, A340, A380, B747, B767, B777, DC10, IL86, MD11, L1011.***

Forkliftable with a slot-height of 95 mm (3.7 in), slot-width of 290 mm (11.4 in).

* please refer to test report "TR120013" for load specification.

** The tare weight (and thereby the max net weight) may change due to repairs, see manufacturer's plate for correct weight.

*** For other aircrafts, alternative operating procedures may apply.