

All Nippon Airways Trading Co., Ltd. Signed Sales Agency Agreement with Topre Corporation for RKN Air Cargo Cool Containers and Will Commence Overseas Sales in October

Contributing to safe temperature-controlled air transport, including food, with FAA/JCAB-certified, Japanese cool containers featuring excellent temperature retention

ALL NIPPON AIRWAYS TRADING CO., LTD. (ANA Trading) has entered into a sales agreement with Toprec Corporation, a member of the Topre Group and Japan's leading manufacturer of refrigerated and freezer trucks. This marks a new step in ANA Trading's temperature-controlled logistics business. Starting in October, ANA Trading will begin overseas sales of Topre's RKN air cargo cool containers.

This Topre RKN air cargo cool container has obtained aviation certification from the Japan Civil Aviation Bureau (JCAB) and the Federal Aviation Administration (FAA). It offers high cooling performance, reliably maintaining -20°C (freezing) for up to 24 hours and 5°C (refrigerated) for up to 45 hours in ambient temperatures of 35°C . Airlines and air cargo companies can use this container to ensure safe and reliable temperature-controlled air transport worldwide with assured temperature management.

In Japan, Toprec Corporation, a member of the Topre Group, has been selling these containers since 2022. Thanks to their outstanding performance, Japanese airlines and air cargo companies, including All Nippon Airways Co., Ltd. have adopted them.



Exterior Photo of Topre's RKN Air Cargo Cool Container

Product Overview:

The Topre Group has long played a key role in Japan's temperature-controlled logistics industry, which is renowned for its diverse raw food culture—including sushi and sashimi—and strict food hygiene standards, by providing products of high quality and performance. It is also the only manufacturer of air cargo containers (ULD) in Japan. This RKN air cargo cool container leverages the technology and expertise the group has cultivated through its refrigerated and freezer trucks.

[Topre RKN Air Cargo Cool Container] Four Distinct Product Advantages:

1. High cooling performance and low dry ice consumption ensure reliable temperature control inside the container

Thanks to years of experience and technological advances, Topre containers have achieved high cooling performance and reliably maintain the temperature inside the container. This reduces the amount of dry ice used. Its cooling performance, particularly at -20°C (freezing), surpasses that of competing products. In ambient temperatures of 35°C —with 70 kg of dry ice and 8 alkaline batteries—the container reliably maintains an internal temperature of -20°C (freezing) for up to 24 hours and 5°C (refrigerated) for up to 45 hours.

2. Superior durability, reducing maintenance costs

A sturdy base and a rail structure designed to prevent snagging reduce the frequency of repairs.

3. Simple operation reduces training time for operations

The simple dial temperature setting makes operation easy for anyone. No training for complicated operations required.

4. Low center of gravity ensures stability, while interior temperature is maintained at an optimal level

The dry ice bunker is positioned low, lowering the container's center of gravity to enhance stability, simplify daily operation, and facilitate handling. Additionally, the design prevents cold air from the dry ice from entering the container, ensuring that the internal temperature does not become excessively low.

Topre RKN Air Cargo Cool Container – Specifications:

IATA ID Code: RKN

Function	Available Temperature	$-20\sim+5^{\circ}\text{C}$
	Usage Hours (approximately)	$+5^{\circ}\text{C}$: 45 hours -20°C : 24 hours
	Environmental Conditions	$+10\sim35^{\circ}\text{C}$
	Power Supply	D size Battery × 8each (DC12V)
	Cooling Method	Dry-ice (MAX : 108kg)
Dimension	External Dimension (L x W x H) 【IATA regulation Max dimension (LxWxH)】	2,001 X 1,534 X 1,620mm 【2,007 X 1,534 X 1,626mm】
	Internal Dimension (L xWxH)	Floor: 1,324 x 1,290 x1,292mm Shelf:447 x 1,290 x 329mm
	Internal Volume	2.433 m ³
	Door Opening Dimensions (L x H)	1,247 x 1,236 mm.,
Weight	Tare Weight(theoretical)	295kg \pm 3% (286 ~ 304Kg)
	MAX Net Weight	1,293kg (1,284~1,302 Kg)
	MAX Operational Gross Weight	1,588kg
Other	Available Aircrafttype	Typical Example : B747, B767 B777, B787, A300, A310, A330, A350, A380

Challenges for ANA Trading:

Recent intense summer heat has increased the need for high performance to maintain cooling temperature during air transport. In addition, the expanding frozen goods and frozen food markets have driven higher demand for food transport at -20°C . As a result, adoption of this product is progressing in Japan.

ANA Trading is committed to taking on the challenge of promoting Japan's advanced cold chain technology and superior “Made in Japan” products to the world.

For detailed product information, click: <https://www.anatc.com/en/coolcontainer/>

For product inquiries, contact us at: <https://www.anatc.com/en/coolcontainer/contact/>

About Toprec Corporation

Head Office: 1-13-12 Nihonbashi Kayabacho, Chuo-ku, Tokyo

Representative: Masayuki Ishikawa

Business Overview: Toprec sells Topre-manufactured air cargo cool containers and refrigerated trucks, as well as providing after-sales maintenance, also design and construct refrigerated warehouses, providing comprehensive coordination for the entire cold chain in the temperature-controlled distribution industry, in Japan.

[URL] <https://www.toprec.co.jp/> (Japanese only)

About All Nippon Airways Trading Co., Ltd.:

Head Office: Shiodome City Center 1-5-2, Higashi-shimbashi, Minato-ku, Tokyo

Representative: Junichiro Miyagawa, CEO & President

Business Overview: ANA Trading was established in 1970 to supply commodities and operate airport stores necessary for ANA's aircraft operations. We have diversified our businesses for more than 50 years. We, as an airline-affiliated trading company, have progressed to occupy a quintessential position in the industry.

Website: <https://www.anatc.com/en/>

<Inquiries about this news release>

ALL NIPPON AIRWAYS TRADING CO., LTD. Marketing & Communications
TEL : +81-3-6735-5090 publicrelations@anatc.com