

Using t containers for controlled room temperature (CRT) shipments

Envirotainer’s active dry ice containers, the RKNt2 and the RAPt2, use dry ice to achieve the required temperatures. While it is a great option in most cases, the use of these containers must be within the limits and ambient conditions specified in the containers’ Operations Manuals. The manuals are available on: www.envirotainer.com.

Based on the limits and ambient conditions for the use of t containers, careful consideration must be done when planning to use either the RKNt2 or the RAPt2 for a controlled room temperature (CRT) shipment, i.e. 15°C–25°C shipment.

 **IMPORTANT: USE OF THE CONTAINERS OUTSIDE THE LIMITS MAY RESULT IN A TEMPERATURE DEVIATION.**

The following matrix may be used when deciding whether a t container can be used for a CRT shipment:

		Ambient temperatures at destination*		
		Below 15°C	Within 15°C–25°C	Above 25°C
Ambient temperatures at origin and connection**	Below 15°C	Use of e container is recommended**	Use of e container is recommended**	Use of e container is recommended**
	Within 15°C–25°C	Use of e container is recommended**	t container may be considered. Please reach out to your region’s Cold Chain Solution Manager for further discussion.	t container may be considered. Please reach out to your region’s Cold Chain Solution Manager for further discussion.
	Above 25°C	Use of e container is recommended**	t container may be considered. Please reach out to your region’s Cold Chain Solution Manager for further discussion.	t container can be recommended for this shipment. Please take note of the best practices when using t containers.

*According to weather forecast from www.accuweather.com

**If a t container is used, exposure to such low temperatures may result in low temperature deviations during the shipment. Please reach out to your region’s Cold Chain Solution Manager through support@envirotainer.com for any concerns or further discussions.

Additional best practices when using t containers:

- For the most up-to-date dry ice calculation/ recommendation, please use the Online Dry Ice Calculator on the Envirotainer Portal. Please contact support@envirotainer.com to request for access or assistance for any dry ice calculation.
- Dry ice calculations should be done as close to the shipment date as possible so that the system is able to use more accurate weather forecasts.
- Dry ice slices/blocks (2–7 kg) are recommended to be used with Envirotainer’s t containers.
- Due to the limits and ambient conditions, t containers must be transported, on land or air, at controlled temperatures. Using a temperature-controlled truck or booking on a temperature-controlled flight is recommended.
- Always refer to the RKN t2 or RAP t2 Operations Manual for proper operating guidelines. The most up-to-date versions are available on www.envirotainer.com.