



Pelican Biothermal Credo Solution

2024

Delivering What Matters From Clinical To Commercial

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Pelican Credo Cube

- Crēdo Cube™ parcel shippers consist of durable components that meet ISTA 3A transit criteria, thereby delivering accurate, long-lasting temperature control, allowing for high-quality use and look with enhanced operational efficiency.
- The Credo is Marken's most used durable asset.
- The Credo's size, temperature, and validity time vary from one series to the next.
- As a durable/ multiuse packaging solution, a credo must be recovered once the shipment is complete and returned to Marken.
- If a return label was not provided by Marken, please contact shipment organizer to provide you one.

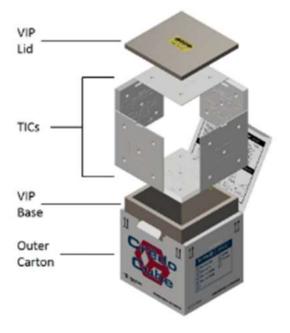


What is in the box?

- Innovative TIC[™] System (Thermal Isolation Chamber)
 panels with integrated 22°C phase-change material
 surround the payload providing greater temperature
 performance and overall payload protection.
- Modular design provides efficiency in storage, high volumetric payload to exterior ratio and simplicity in conditioning and pack-out.,



System Diagram





Credo types:



- Series 22 CRT (+15C to +25C)
- Series 4 Refrigerated (+2C to +8C)
- Series 20M Frozen (-25C to -15C)

8 sizes

- 1. 4L
- 2. 12L
- 3. 16L
- 4. 28L
- 5. 56L
- 6. 96L
- 7. Half Pallet
- 8. Full Pallet









flat.

 Return the Silver Top Vacuum Insulation Panel (VIP) back on top of the top TIC ensuring the side labeled "Caution" and "Place Panel This Side Up" is facing upwards, then close the lid of Credo box and secure down using the fastener. The lid can be further secured using tap along the marked line.



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Enclosing Customer / Shipper Product at <u>Time of</u> Collection



For Credos 2L to 96L

- Open the Credo box, remove the top silver VIP panel and top TIC.
- If applicable, open the cardboard inner.
- Load the customer's / shipper's product to be shipped into the Credo box.
- Enclose Temperature Monitoring Device IF requested by customer. Activate Monitor if required or allow customer to activate.
- · Return the top TIC horizontally into the top of the Credo box ensuring correct orientation ("this side up" marking), ensuring the panel fits
- NOTE: It is advisable, but not mandatory, to fill any empty space inside the box, using 'thermo-neutral' filler material to prevent the contents from shifting during transport, and in order there is less air inside the box to heat/chill.
- NOTE: The product loading process must occur as quickly as possible in order to avoid further defrosting of the TICs. For Credos 2L to 96L no longer than 1 to 2 minutes, for Credo Cargo and Credo Xtremes, not longer than 5 to 10 minutes. If Marken's driver or Agent is not responsible for packing the shipment, it is important that these steps are followed by the shipper. Roles and responsibilities with regard to packing the shipment in the Credo must be established prior to dispatching the driver.



Enclosing Customer / Shipper Product at <u>Time of</u> Collection



For Credo Xtremes

On arrival at customer / shipper, the driver will:

- Disassemble the Credo Xtreme to the point where the product can be loaded.
- Load the customer's / shipper's product to be shipped into the Credo Xtreme.
- Enclose Temperature Monitoring Device IF requested by customer. Activate Monitor if required or allow customer to activate.
- · Reassemble the Credo Xtreme.
- NOTE: It is advisable, but not mandatory, to fill any empty space inside the box, using 'thermo-neutral' filler material to prevent the contents from shifting during transport, and in order there is less air inside the box to heat/chill.
- NOTE: The product loading process must occur as quickly as possible in order to avoid further defrosting of the TICs. For Credos 2L to 96L no longer than 1 to 2 minutes, for Credo Cargo and Credo Xtremes, not longer than 5 to 10 minutes. If Marken's driver or Agent is not responsible for packing the shipment, it is important that these steps are followed by the shipper. Roles and responsibilities with regard to packing the shipment in the Credo must be established prior to dispatching the driver.



Driver handling instructions



- 1. Always follow the shipment's instructions.
- 2. Do not leave credo (in fact, any other Marken shipments) unattended and exposed to the hot sun directly
- 3. During the collection, do not open the credo if the shipper is not ready to hand over the product to you for packing
- 4. During the delivery, do not open the credo if the consignee is not ready to receive the product
- 5. Do not hold the temperature logger in hand for more than 30 seconds during the collection/delivery as this will show a temperature excursion.
- 6. Credos are reusable and are the property of Marken. Thus, ensure to recover the credo upon delivery (if the consignee gives different instruction, contact the supervisor immediately)









THANK YOU

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