



**PELI**  
**BIO THERMAL™**

# DEEPFREEZE™ DRY ICE SHIPPER



## WHAT ARE DEEPFREEZE™ SHIPPERS?

DeepFreeze™ Shippers are frozen product shipping systems requiring dry ice. These shippers feature advanced insulation technology to ship  $-65^{\circ}\text{C}$  temperature controlled payloads, including cell and gene therapy products for over 96 hours while using less dry ice than traditional packages.

A key design feature of DeepFreeze is a novel spacer to hold a product box in the middle of the shipper. When dry ice is added to the shipper, this keeps the product at the desired temperature until almost all the ice has sublimated.

## WHY CHOOSE OUR DEEPFREEZE™ SHIPPERS?

- Advanced insulation properties eliminate re-icing during extended duration shipments.
- Environmentally friendly: small footprint produces less waste and less  $\text{CO}_2$  output.
- Lightweight shippers alleviate safety concerns associated with  $\text{N}_2$  transport systems and other dry ice shippers.
- Inner product box accommodates standard 2" tall cryogenic boxes.
- Insulation material is manufactured with tough barrier film and nanoporous core to protect your product.
- Lower weight and smaller size eases handling

"PROTECTS  $-65^{\circ}\text{C}$   
PRODUCTS FOR OVER  
96 HOURS WHILE  
USING LESS DRY ICE  
THAN TRADITIONAL  
SYSTEMS."

## DEEPFREEZE™ SHIPPER

### DURATION

Over 96 Hours

### TEMPERATURE

Below  $-65^{\circ}\text{C}$

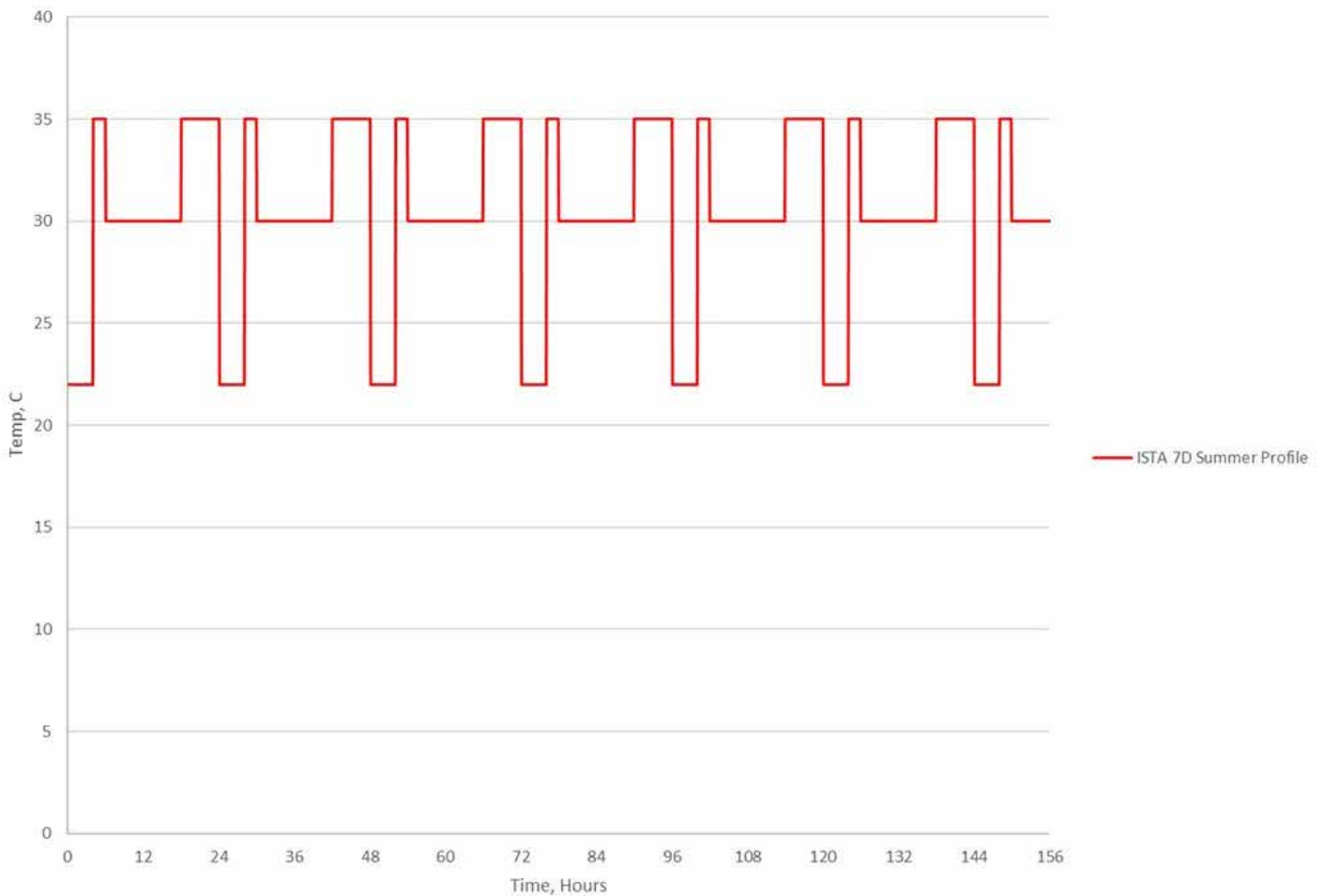
### VOLUME

Up to 8L

## PRODUCT SPECIFICATIONS

| Product    | Exterior Dimensions - Inches | Payload Dimensions - Inches | Internal Volume - litres | Weight Empty - lbs | Duration - hrs |
|------------|------------------------------|-----------------------------|--------------------------|--------------------|----------------|
| 2-98831    | 12.3 x 11.5 x 11.7           | 4.0 x 4.0 x 4.0             | 1.1                      | 6                  | 96             |
| 2-98832    | 12.3 x 11.5 x 11.7           | 5.9 x 5.9 x 4.0             | 2.36                     | 6.1                | 96             |
| 2-1191030  | 14 x 12.9 x 14.3             | 1.3 x 8.9 x 10.4            | 4                        | 8.2                | 96             |
| 2-13111130 | 16.25 x 14.25 x 14.75        | 11.5 x 9 x 10.5             | 8                        | 11.3               | 96             |

## 2-13111130 DEEPFREEZE™ 8L ISTA SUMMER THERMAL PERFORMANCE\*



\*Note - The DeepFreeze™ 8L product shown above was tested without inserts

FOR MORE INFORMATION ABOUT PELI BIOTHERMAL PRODUCTS, PLEASE CONTACT:

EMEA OFFICE - [INFONANOCOOL@PELIBIOTHERMAL.COM](mailto:INFONANOCOOL@PELIBIOTHERMAL.COM) T: +44 (0)1525 243 770

AMERICAS OFFICE - [INFONANOCOOL@PELIBIOTHERMAL.COM](mailto:INFONANOCOOL@PELIBIOTHERMAL.COM) T: +1 484.716.9958

ASIA OFFICE - [INFONANOCOOL@PELIBIOTHERMAL.COM](mailto:INFONANOCOOL@PELIBIOTHERMAL.COM) T: +65 6681 0095

[PELIBIOTHERMAL.COM](http://PELIBIOTHERMAL.COM)

ISO17025, ISO9001-2008 Accredited

Golden Hour™, TIC™, Crêdo™, Crêdo Cube™, Crêdo ProEnvision™, Crêdo Xtreme™, Crêdo Duracube™, Crêdo ProMed™, Sherpa Systems™, CoolGuard™ and CoolPall™ are registered trademarks of Pelican Products Inc., its subsidiaries and / or affiliates



©2021 Peli BioThermal Ltd all rights reserved