

PerformaTherm™ -21°C PCM Conditioning Instructions

ACCPTFRZ (3L & 5L) or ACCPTFRZ10 (10L)



PerformaTherm™ Medical Transport Cooler Replacement Freezer PCM Panels

Set of Six (6) -21°C Freezer PCM Panels

3L or 5L – 6" x 6" x 1"

10L – 9" x 9" x 1"

This manual outlines the procedure for use of the -21°C PCM panels. It includes the conditioning of the -21°C PCM Panels for -25°C to -15°C transport and provides step by step assembly instructions. As it is a universal pack-out, conditional and assembly are the same for both Summer and Winter conditions and are as follows:

CONDITIONING

1. Ensure all PCM-21°C panels are frozen by storing them in a freezer at -30°C $\pm$ 3°C for twenty-four (24) Hours or until the panels are clearly frozen solid.
2. Immediately proceed to pack out procedure

PACK OUT PROCEDURE

1. Place one (1) PCM-21°C panel at the base of the VIP tub.
2. Place one (1) PCM-21°C panel at each of the sides of the VIP tub.
3. Place products inside the payload created in steps 1 & 2.
4. If needed, add dunnage to fill the void space.
5. Place one (1) PCM-21°C panel on top of the four PCM-21°C panels. It will fit into the beveled edges of the other PCM-21°C panels to sit flush.
6. Fully zip the top of the PerformaTherm™ Medical Transport Cooler to ensure it is completely closed.

PACK OUT DIAGRAM



Exterior Cooler Dimensions	3L capacity: 11.5" x 11.5" x 10.5" 5L capacity: 14.5" x 11.5" x 10.5" 10L capacity: 13" x 13" x 13"
Payload Dimensions	3L 5"x5"x5" 5L 9"x5"x5" 10L 8.25"x8.25"x8.25"
Validated Performance	ISTA 7D/E Summer/Winter performance tested with Vacuum Insulated Panel (VIP) Temp-Shield™ system. Maintains accurate and stable temperature (-21°C) for +144 hours.
Applications	Blood, plasma & organ transport Vaccines & biologics Clinical trial materials Hospital, laboratory & field operations
Limited Warranty	PERFORMA-THERM™, 1-year Limited Warranty – covering defects in materials and workmanship from delivery date. Exclusion: not valid if altered, misused, damaged by accident, or due to negligence.
Extended Warranty	Additional one (1) year from date of purchase. Contact Thermco Products for additional details.

HTS Code 3824.99.0090 Manufactured Country of Origin – China

PCM -21C Safety Data Sheet.pdf