

# HITACHI HIGH-TECH NEXUS CoolBoxus™ MEDICAL BOXES

VIP for Cold Chain Management  
For Blood, vaccine and biologics



## HITACHI HIGH-TECH NEXUS DESIGNED FOR PERFORMANCE

### Thin, Durable, And Highly Efficient

CoolBoxus is manufactured using new VIP (Vacuum Insulation Panel) technology that gives the boxes advantages over conventional boxes.

- ▶ **Foldable:** Can be collapsed for efficient storage and transportation
- ▶ **Performance:** Maintain temperature longer
- ▶ **Thin:** Improve Payload Efficiency
- ▶ **Reusable:** Robust and longlasting
- ▶ **Efficient:** Use less coolant
- ▶ **Light:** Reduce Shipping Cost
- ▶ **Soft:** People-friendly



## STICKER-FRIENDLY

### Improved Reusability With Special Fabric

Shipping instructions and other stickers such as UN3733 and Dry Ice labels need to be affixed to the outside of each package. Our outer material is designed to have the labels attach firmly yet be effortlessly removed.

Put the stickers on me! 👍



## ISTA TESTED

Our products have been tested using the latest ISTA 7E Summer Profile Tests for dry-ice (-80°C to -60°C) and chilled (+2°C to +8°C), and come with clear pack-out instructions that allow you to use the Gel Packs straight out of the temperature chambers with **Zero Conditioning** time.

### Loading Instructions

#### 29L CoolBoxus

- Dry Ice packing
- PCM (Phase Changing Material)

29 L Frozen (-80°C to -60°C) 144 hours  
29 L Chilled (+2° to +8°C) 112 hours

#### 21L CoolBoxus

- Dry Ice packing
- PCM (Phase Changing Material)

21 L Frozen (-80°C to -60°C) 120 hours  
21 L Chilled (+2° to +8°C) 85 hours

#### 15L CoolBoxus

- PCM (Phase Changing Material)

15 L Frozen (-80°C to -60°C) 72+ hours  
15 L Chilled (+2° to +8°C) 72+ hours

#### 7L CoolBoxus

- VPCM (Vacuum-insulated Phase Changing Material)

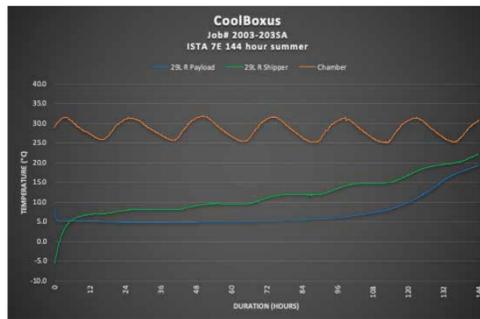
7 L Frozen (-80°C to -60°C) 48 hours  
7L Chilled (+2° to +8°C) 38 hours

### Test Results

Product remained within -80°C to -60°C exceeding 144 hours

### Test Graph

ISTA 7E 144 Hour Summer Profile



## CHART OF SIZES

Our boxes come in four sizes to fit your requirements. We have simplified the logistics by having heights that allow CoolBoxus boxes to fit together to take up less space.

Model	Capacity (L)	Internal (in)			External (in)			Weight (lbs)
		L	W	H	L	W	H	
Large	29L	15.4	10.8	10.8	18.0	13.5	13.5	10.5
Medium	21L	10.8	10.8	10.8	13.5	13.5	13.5	8.6
Small	15L	10.8	7.9	10.8	13.5	10.5	13.5	7.3
Mini	7L	10.8	6.3	6.3	13.5	9.0	9.0	5.0



# PLUG AND PLAY

## Designed for ease of use

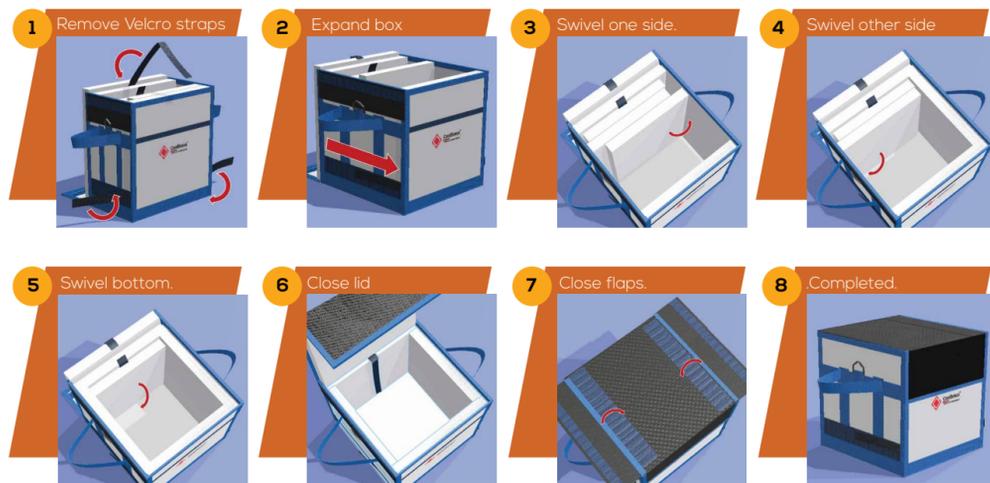
CoolBoxus has been designed to integrate, and tested with the 3C\TEMP dataloggers manufactured by Marathon Products, Inc. All boxes have the same height making it easier to stack during transportation

- ▶ **Box's height: 13.5 inches**
- ▶ **For Blood Products: Whole blood, Plasma, Red Cell and Platelet**
- ▶ **3C\TEMP: -200°C to +72°C (Dry Ice temperature logger)**



# INSTRUCTION FOR USE

## HOW TO ASSEMBLE



## TO DISASSEMBLE

Reverse the assembly process to fold.



**Note:** When folding, in step 5, hook finger in tab and pull up to swivel bottom.

# HOW TO CLEAN AND DISINFECT

**To clean** CoolBoxus, dilute household detergent with warm water about 30 to 40 times (example: 1 ounce detergent to 3 cups water). Soak and wring a soft cloth in the diluted detergent. Use the cloth to wipe the box surface and remove any soiling on the box. We recommend using a toothbrush to clean any dirt off the outer fabric of the box.

**To disinfect** CoolBoxus, we recommend using one of the two following methods. Please note that these recommendations may be superseded by disinfecting guidelines for your specific industry or products transported in the boxes. We also recommend that the box surfaces be cleaned using disinfection.

### 1. Using alcohol.

Using 70% - 75% alcohol solution and a clean cloth, wipe the surface of the box thoroughly and allow to air dry.

### 2. Using UV lights.

Please limit exposure time to 30 minutes.

# NO QUESTIONS ASKED

## ACCIDENTAL DAMAGE PROTECTION

Accidents happen and we are here to help. By registering as the original user on our website, you are eligible for replacement of up to 10% of your purchased CoolBoxus boxes damaged during regular operations for up to one year. And we'll ship it to you free anywhere within continental US! Please see below for how to register to receive this industry unique benefit.

**Step 1.** Go to <https://www.coolboxus.com>.

**Step 2.** Click on "Log In" icon on the top corner.

**Step 3.** Enter the Sign Up information including your name, company name, email and the 8-digit product serial number found in the NFC label on one of your CoolBoxus boxes. Don't forget to create a password!

**That's it!** Now you are covered for accidental damage protection for one year!

**Warranty Period:** 12 months. Please refer to our warranty policy online for more details, <https://coolboxus.com/warranty-policy>.



# COOLBOXUS MEDICAL BOXES

<https://www.coolboxus.com/faq>



**MARATHON PRODUCTS, INC.**

<https://www.marathonproducts.com>

1-800-858-6872