



## **EFP's New Product Line for CRT Shipping**

Climatemp uses pre-conditioned refrigerants, Gel Packs and Bricks, to control the temperatures of our shippers to stay between 20-25°C without deviation. These phase change materials protect by absorbing energy during melting and releasing it during solidification, all while offering higher mass-to-payload ratios, which helps prevent thermal shock.

### **Product Details**

- Seasonal packouts
- Economic CRT solutions
- Meets USP Guidelines
- Excursion analysis included

# **Product Specifications**

Four pre-qualified solutions with fixed payload space and flexible temperature ranges:

- Duration at 20°C 25°C (36 Hours)
- Duration at 15°C 30°C (48 Hours)



Gel Packs are made from 99% water and an inert water-absorbing polymer.



Bricks keep their structure either frozen or at ambient temperature.







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# Consider the following program:



- Determine the optimum payload size
- Evaluate product mix variability
- Calculate storage required to maintain sufficient packaging inventory
- Check current stocked molded shipper sizes
- Estimate the cost of a custom EPS mold
- Assess the ease of making size changes
- Calculate insulation density required
- Determine wall thickness needed
- Confirm dimensional weight

# Protecting what matters by design.

EFP, LLC is an industry leader in providing exceptional foam molding and fabrication solutions. Since the 1950's, EFP has been committed to developing innovative expanded foam products to successfully meet the needs of hundreds of companies nationwide. EFP specializes in custom-shape molding, fabricated foam products and cold chain systems. We offer complete design and testing services, along with broad fabrication solutions, custom assembly and kitting.

Shipping System	Duration (Hours) Summer/Winter	Weight (Pounds)	Payload Dimensions	System Inner Dimensions	Outer Corrugate Dimensions
CRT21.36	36	14	6"x4"x6"	8"x6"x9"	14"x11"x13"
CRT25.36	36	18	9"x9"x9"	12"x12"x12"	16.5"x16.5"x16.5"
CRT63.36	36	31	16"x9"x9"	19.7"x12.5"x10.5"	24"x17"x17"
CRT74.36	36	39	17"x11"x 2"	20.5"x16.5"x15"	24"x20"x18"
UCRT05.72	48	19	8.75"x8.75"x7.75"	12.25"x12.25"x10.25"	18.25"x18.25"x14.75"
UCRT10.72g	48	26	8.9"x8.9"x8.9"	12.9"x 12.9"x10.9"	18.25"x18.25"x17.875"



