

**BEST PRACTICES FOR A SUCCESSFUL SHIPMENT**

# t Containers Dry Ice Cooling

## Batteries

- Use Alkaline D cell industrial batteries
- Recommended long life batteries:
  - Duracell Quantum
  - Rayovac Fusion
  - Duracell Coppertop
  - Energizer Max
- Battery life is shorter in hot weather
- Change batteries if < 9 volts

### Troubleshooting



If container temperature is high:

- Move to cooler area
- Check batteries
- Unwrap or add dry ice



If container temperature is low:

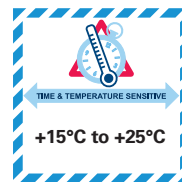
- Move to warmer area
- Remove dry ice
- Open bunker door

## Dry Ice

- Plan to use more dry ice in hot weather
- Dry ice slices work best
- If using pellets, place in bag before loading
- Evenly distribute dry ice in bunker
- Dry ice amounts for refrigerated products:

Outside Temp.	RKN t2 Per 24 hrs	RAP t2 Per 24 hrs
15°C	20 Kg	40 Kg
20°C	30 Kg	60 Kg
25°C	35 Kg	80 Kg
30°C	45 Kg	100 Kg
35°C	55 Kg	120 Kg

### Ambient Conditions



- Maintain container at 5°C to 25°C above set point
- Limit exposure to direct sunlight and rain
- Limit time on tarmac

### Additional Resources

Contact Envirotainer at [support@envirotainer.com](mailto:support@envirotainer.com)  
Download container manuals and get free training courses at [www.envirotainer.com](http://www.envirotainer.com)