

GOLDEN HOUR[®]

TECHNOLOGY

SAVING LIVES BY PROTECTING PERISHABLE MEDICAL SUPPLIES

Introduction

Minnesota Thermal Science, LLC develops unique storage and shipping systems that address the challenges of maintaining constant and predictable temperatures when transporting perishable medical materials.

Its patent pending GOLDEN HOUR[®] Technology, winner of an "U.S. Army Greatest Inventions" award, is credited with saving soldier's lives and with revolutionizing the methods used to transport blood. Its popularity with the U.S. military, America's Blood Centers and other prestigious clients relates to the proven competitive benefits of:

- Reduce shipping costs by 50% to 65% or more by using standard delivery instead of express, and by eliminating the need to ship with dry ice which carries a hazardous materials rating
- Less time needed to train med-techs and logistics personnel.
- Less time to assemble and load for final shipment.
- Simplified logistics - once packed, the container needs no further attention.
- Less product waste due to ability of the container to successfully endure harsh environments.
- PCM refrigerants are specifically designed to match payloads so that product is not harmed, for example, with liquid RBCs that are in contact with ice that is colder than 1°C.

