



For Government Applications

The Proven Solution for Battlefield Thermal Control

In the highly demanding world of military operations, combat medical teams can find themselves faced with extreme thermal-control challenges. Minnesota Thermal Science began as a company offering solutions to those challenges. The U.S. Army desperately needed a primary container to transport critical blood supplies to the frontlines.

The Original Golden Hour® Container was developed by MTS to provide unparalleled thermal control in a highly portable carrier for the extended time periods required by mobile medical teams. The result was a revolution in the way combat medical supplies are transported, recognized by the Army's Greatest Inventions Award. The same technology enables a smaller carrier, the Factor VII Unit, to carry temperature-sensitive medicines anywhere on the battlefield they are needed.

At MTS, we thrive on tackling previously unbeatable thermal-control challenges. Whatever the temperature-sensitive material or harsh thermal environment, we'll create the ideal solution for your unique needs.

Series S—Government Solutions



ORIGINAL GOLDEN HOUR CONTAINER	
Payload Capacity (liters/cubic inches)	2 / 127.5
Payload Area Dimensions (L x W x H)	6" x 5" x 4.25"
Exterior Dimensions (L x W x H)	9.25" x 8.25" x 8"
Tare Weight	7 Lbs.
Thermal Performance in ISTA Summer Profile	96 Hours
Outer Container	Soft-Sided Carrier
Insulator	Vacuum Insulated Panels



FACTOR VII UNIT	
Payload Capacity (liters/cubic inches)	.06/3.61
Payload Area Dimensions (L x W x H)	Cylinder 1" Diameter x 4.6"
Exterior Dimensions (L x W x H)	5" x 3" x 7.5"
Tare Weight	2 Lbs.
Thermal Performance in ISTA Summer Profile	48 Hours
Outer Container	Soft-Sided Carrier
Insulator	Vacuum Insulated Panels

Reference the web site for newly announced products and changes to the product line.

MINNESOTA THERMAL SCIENCE



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