SELF-CONTAINED COOLING SYSTEMS

Self-contained systems are designed for applications where the User requires freedom of movement, like an individual warfighter or first responder in a chem/bio suit. As such, these systems are battery powered and carried on the person. The majority of self-contained systems use ice as the cold sink, although one system is offered with a battery-operated chiller.

Backpack Individual Cooling System12V 200W (BICS)

Backpack ICE Water Circulation Unit 3.0/5.0L (BPIC)

UniPack Hydration Cooling System 4.0L

Waistpack ICE Water Circulation Unit 1.5L (WICS)

Thighpack ICE Water Circulation Unit 1.5L (TICU)

COMPANY INTRODUCTION

COMPCOOLER has established a pedigree for developing MIL spec products including Personal Thermal Systems and Micro Chiller Units for over 15 years. The same cooling and heating benefits developed for military applications has been adapted for a myriad of civilian applications. Our goal is to provide innovative systems made to the highest quality standards at affordable prices and with exceptional customer service. COMPCOOLER is a ISO9001 registered facility with certifications including CE, FCC, UL, PSE, RoHS, FDA for both components and systems.

COMPCOOLER COOLING SYSTEMS KEEP YOU COOL AND COMFORTABLE!

TECHNICAL INFORMATION

For more information on how Compcooler personal cooling systems affect a person's body and performance, visit our shopping website here at www.compcooler.shop or scan the QR code below.

COMPANY INFORMATION

Contact:
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simonsun@compcooler.com
C: 626-861-9586 (USA)
Shopping: www.compcooler.shop
China Facility:
C: 0086-13823614596 (China)

DISTRIBUTOR

COMPCOOLER

www.compcooler.shop

MICROCLIMATE COOLING SYSTEMS FOR MIILITARY APPLICATIONS

STAY COOL OR WARM REGARDLESS OF YOUR AMBIENT CONDITIONS

PRODUCT INTRODUCTION

Microclimate Cooling Systems have been used in the U.S. Military by air and ground vehicle crews for over 20 years. Also known as liquid chillers, these vapor compression cooling systems have been proven to alleviate the effects of heat stress on military personnel. For air crews operating in extreme temperatures, the cooling effect delivered by liquid chiller systems have been shown to increase mission duration by 350%.

In operation, a pump circulates cooled liquid in a continuous loop between a tubing-lined vest and the liquid chiller with a set of tubes having quick-disconnect fittings. The system regulates the User's body temperature, thus decreasing the incidence of thermal stress and heat stroke while increasing comfort, safety, focus and endurance.

PERSONAL MICROCLIMATE COOLING SYSTEMS FOR MILITARY APPLICATIONS

For the past 15 years, COMPCOOLER has expanded this technology to offer a variety of self-contained and stationary personal cooling systems that cater to a myriad of Military, workplace and recreational applications.

APPLICATIONS

Stationary Systems

–

Used by mounted personnel in aircraft, helicopters, tanks, and other heavy vehicles.

Self-Contained systems

–

Used by individual warfighters, maintenance personnel, Bio/Chem/Hazmat responders.

Microclimate Cooling Systems Make The Soldier Stronger, Mentally Sharper And Perform Longer In Hot Conditions

CORE TECHNOLOGY
STATIONARY VEHICLE MICROCLIMATE COOLING SYSTEMS

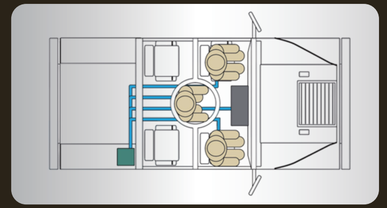
The components and construction method for COMPCOOLER' s line of stationary military-grade Vehicle Microclimate Cooling Systems (VMCS) have been designed to withstand the extraordinary rigors of temperature, shock, EMC, and vibration commonly experienced in air and ground vehicles.

BENEFITS:

Enhanced Mission Effectiveness

Increased Battle Tempo

Extended Soldier Endurance



FEATURES:

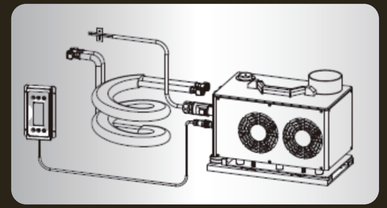
Specifically designed for mounted warfighters

Compact size and light weight

Options for single or multi-person use

Wiring harness for connection to the vehicle's battery

Choice of garments to fit individual warfighter needs



VEHICLE MICROCLIMATE COOLING SYSTEMS

Chiller Unit

Microclimate Cooling Unit

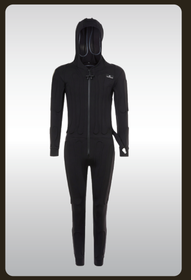
Handcarry Chiller Unit

Mini Solo Chiller Unit

Vehicle Mounted Thermal Chiller Unit

Liquid Cooling Garment

Mesh Cooling Vest



Full Body Cooling Garment

Driver Thermal Cushion