

CHILLER-BASED THERMAL SYSTEM

COMPCOOLER's line of stationary chiller units are a popular choice for short or long driving. These systems combine a tubing-lined vest with a mechanical refrigeration system, known as a liquid chiller, to form a tethered thermal regulation device.

Power:
12-16V DC or 24-28V DC is provided for direct connection to the car's battery. This provides unlimited power to the system. Optional power choice includes a 110-220V AC power adapter.

Cold sink:
A liquid chiller provides the cooling energy. It comprises a miniature rotary compressor, condenser, and evaporator to cool the liquid circulating through the garment.

Temp Control:
A remote controller provides accurate regulation of coolant temperature from 0°C - 30°C (32°F - 86°F).
An optional thermal chiller controller provides warm liquid circulation from 31° C - 50° C (88°F - 122°F).

All chillers are compatible with all Compcooler's tubing-lined garments or cooling pads.

Products



Mini Solo Chiller Unit



Racing Chiller Cooling Unit



Vehicle Mounted Thermal Chiller Unit

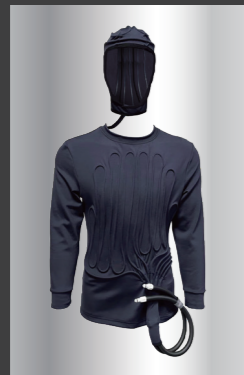


Microclimate Cooling Unit

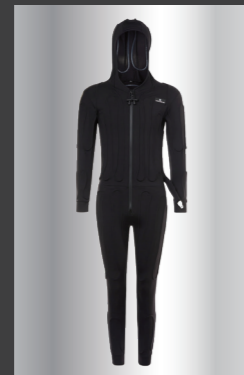
Garment Options



Mesh Cooling Vest



Cooling T-shirt with Detachable Hoodie



Full Body Cooling Garment



Full Body Cooling Garment (Fire Resistant Fabric)



Driver Thermal Cushion

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,
FOCUSED AND SAFE.**



COMPCOOLER

www.compcooler.shop



**PERSONAL THERMAL
REGULATION
SYSTEMS
FOR VEHICLE DRIVERS**

GAIN THE ADVANTAGE BY STAYING COOL

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

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DISTRIBUTOR





PRODUCT INTRODUCTION

Competitive race car drivers know that on hot days the interior of their vehicle can reach as high as 120° F, and wearing a multilayered fire suit, gloves and a full-face helmet only makes race day more problematic and potentially hazardous.

The challenge is to keep drivers cool in an open-air vehicle with no air conditioning. Not for their comfort but for their performance and safety.

What is the best way to keep competitive race drivers cool? The answer is with Personal Liquid Circulation Cooling Systems. First developed more than 60 years ago to regulate the body temperature of astronauts and military pilots during their intense and heat stressing duties these systems incorporate a pump that circulates cooled liquid in a continuous loop between a tubing-lined garment and a cold sink with a set of tubes having quick-disconnect fittings.

APPLICATIONS

Race Car Drivers,
Heavy Vehicle Drivers,
Aircraft Pilot & Crews

PERSONAL COOLING SYSTEM FOR COMPETITIVE DRIVERS

For the past 15 years, COMPCOOLER has expanded this technology to offer Personal Cooling Systems specifically designed with competitive drivers in mind. These systems can reduce body core temperature and decrease the incidence of thermal stress while increasing comfort, safety, focus and endurance.

The components and construction method for COMPCOOLER's line of stationary cooling systems have been designed to withstand the extraordinary rigors of temperature, shock, EMC, and vibration commonly experienced with racing vehicles.

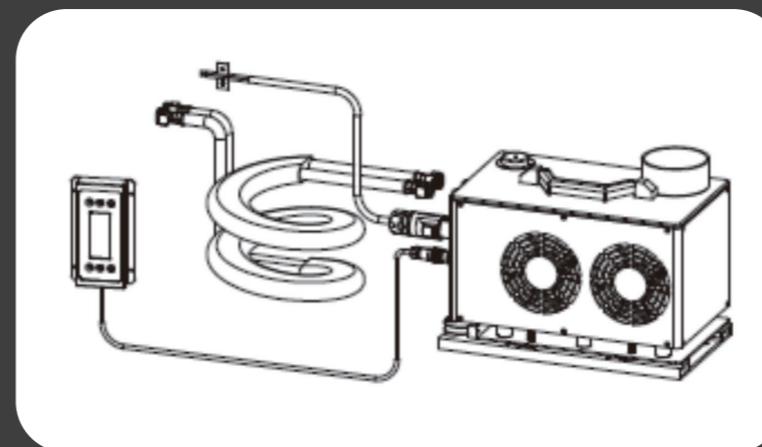
STAYING COOL, INCREASING FOCUS, MAKING YOU FASTER AND SAFER



Options That Fit Your Driving Strategy

CORE TECHNOLOGY

COMPCOOLER's line of stationary cooling systems are offered in either ice-based or chiller-based options. These systems combine a tubing-lined garment with a liquid circulation unit to form a tethered thermal regulation device. The hoses that tether the garment to the cooling appliance have quick-disconnect fittings with a break-away feature that allows for safe egress from the vehicle in emergency situations.



ICE-BASED COOLING SYSTEM

ICE chest cooling units are a popular choice for short races. The ice chest with integral fluid pump is housed in a durable Nylon carry pack that easily attaches to the vehicle with provided straps.

Power:
A 7.4V power adapter, 12V DC is provided for direct connection to the car's battery. Optional power: 7.4V 2200mAh rechargeable battery.

Cold sink:
For optimum and prolonged cooling, freeze water or glycol/water mixture in the removable ice container. Ice cubes can also be used a pinch to extend cooling time.

Ventilation Unit:
Optional cold air blower is available.

Temp Control:
COMPCOOLER's Temperature Control Unit (TCU) provides accurate regulation of coolant temperature from 0°C - 30°C (32°F - 86°F).

Higher liquid temperature provides less cooling capacity and extends cooling time. Lower liquid temperature provides more cooling capacity and reduces cooling time. This gives the User more control over the system performance depending on the body's needs and ambient temperatures.

Compatible with all Compcooler's tubing-lined garments or cooling pad.



ICE Chest Cooling Unit



Softpack for Chest Unit



Extension Tubing