

MOTORCYCLIST PERSONAL COOLING SYSTEM MATRIX

► Motorcycle Rider Self-contained ICE Water Cooling System

Cooling System	Cooling Energy Source	Primary Control	Temp Range	Primary Power Source	Optional Power Source	Cooling Duration		Component List
						Low	High	
Backpack ICE Water Cooling System Model: COMP-BPIC-7430-NF	ICE (3.0L Baldder)	On/Off	2 - 10°C (36 - 50°F)	7.4V Battery	12V vehicle Power by Adapter	2	4	1. Backpack Circulation Unit (1) 2. Bladder 3.0L (1) 3. Mesh Cooling Vest (1) 4. Battery 7.4V 2.2A (1)
Dual Backpack ICE Water Cooling System Model: COMP-DBCS-7450-NF	ICE (5.0L Baldder)	On/Off	2 - 10°C (36 - 50°F)	7.4V Battery	12V vehicle Power by Adapter	4	6	1. Dual Backpack Circulation Unit (1) 2. Bladder 5.0L (1) 3. Mesh Cooling Vest (1) 4. Battery 7.4V 2.2A (1)

Comments: Additional frozen ice bladders or ice cubes can extend cooling time. Optional Control: NF (Standard On/Off Control), FC (Flow Control), TC (Temp Control)

► Motorcycle Rider Stationary ICE Chest Cooling System

Cooling System	Cooling Energy Source	Primary Control	Temp Range	Primary Power Source	Optional Power Source	Cooling Duration		Component List
						Low	High	
Motorcycle Rider Solo ICE Chest Cooling System COMP-BMCS-126L-V-NF	ICE (6.0L Chest)	On/Off	2 - 10°C (36 - 50°F)	12V vehicle Power by Adapter	7.4V Battery	2	4	1. Chest Circulation Unit 6.0L (1) 2. ICE Container 3.0L (1) 3. Mesh Cooling Vest (1) 4. Power Adapter (1)
Motorcycle Rider ICE Chest Cooling Vest and Cushion COMP-BMCS-126L-VC-NF	ICE (6.0L Chest)	On/Off	2 - 10°C (36 - 50°F)	12V vehicle Power by Adapter	7.4V Battery	2	4	1. Chest Circulation Unit 6.0L (1) 2. ICE Container 3.0L (1) 3. Mesh Cooling Vest (1) 4. Cooling Cushion (1) 5. Power Adapter (1)
Motorcycle Rider Tandem ICE Chest Cooling System COMP-BTCS-128L-2V-NF	ICE (8.0L Chest)	On/Off	2 - 10°C (36 - 50°F)	12V vehicle Power by Adapter	7.4V Battery	2	4	1. Chest Circulation Unit 8.0L (1) 2. ICE Container 3.0L (1) 3. Mesh Cooling Vest (2) 4. Power Adapter (1)
Motorcycle Rider Tandem ICE Chest Cooling Vest and Cushion COMP-BTCS-128L-2VC-NF	ICE (8.0L Chest)	On/Off	2 - 10°C (36 - 50°F)	12V vehicle Power by Adapter	7.4V Battery	2	4	1. Chest Circulation Unit 8.0L (1) 2. ICE Container 3.0L (1) 3. Mesh Cooling Vest (2) 4. Cooling Cushion (1) 5. Power Adapter (1)

Comments: Additional frozen ice containers or ice cubes can extend cooling time. Optional Control: NF (Standard On/Off Control), FC (Flow Control), TC (Temp Control)

► Motorcycle Rider Stationary Thermal Chiller Cooling System

Cooling System	Cooling Energy Source	Primary Control	Cooling	Heating	Power Source	Cooling Duration		Component List
						Low	High	
Motorcycle Rider Chiller Cooling System COMP-MRCC-12-V	Mechanical Refrigeration	Temp Control	-5 to 30°C (23 - 86°F)	N/A	12V vehicle Power	Unlimited		1. Mini Chiller Unit (1) 2. Soft Chiller Pack (1) 3. Mesh Cooling Vest (1)
Motorcycle Rider Chiller Cooling Vest and Cushion COMP-MRCC-12-VC	Mechanical Refrigeration	Temp Control	-5 to 30°C (23 - 86°F)	N/A	12V vehicle Power	Unlimited		1. Mini Chiller Unit (1) 2. Soft Chiller Pack (1) 3. Mesh Cooling Vest (1) 4. Cooling Cushion (1)
Motorcycle Rider Thermal Chiller System COMP-MRTC-12-V	Mechanical Refrigeration and Heater	Temp Control	-5 to 30°C (23 - 86°F)	31 to 50°C (88 - 122°F)	12V vehicle Power	Unlimited		1. Mini Thermal Chiller Unit (1) 2. Soft Chiller Pack (1) 3. Mesh Cooling Vest (1)
Motorcycle Rider Tandem Thermal Chiller System COMP-MRTC-12-2V	Mechanical Refrigeration and Heater	Temp Control	-5 to 30°C (23 - 86°F)	31 to 50°C (88 - 122°F)	12V vehicle Power	Unlimited		1. Mini Thermal Chiller Unit (1) 2. Soft Chiller Pack (1) 3. Mesh Cooling Vest (2)

Comments: Optional power sources include 12V 20A rechargeable battery or 250W 110-220V AC adapter.

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!



COMPCOOLER

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PERSONAL COOLING
SYSTEMS FOR
MOTORCYCLISTS

Stay Cool Or Warm Regardless Of Your Riding Conditions

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

Personal cooling systems were first developed more than 60 years ago to regulate the body temperature of astronauts and military pilots during their intense and heat-stressing duties.

In operation, a pump circulates cooled fluid in a continuous loop between a tubing-lined vest and a cold sink 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.

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 medical, military, workplace and recreational applications.

MOTORCYCLIST COOLING SYSTEMS

Consisting of a light-weight and comfortable tubing-lined garment connected to a cooled liquid circulation unit, this convenient personal cooling system will keep you on the road longer and safer.

Features

- Reduced Core Body Temp
- Reduced Heart Rate
- Reduced Perspiration

Benefits

- Increased Endurance
- Increased Mental Acuity
- Increased Comfort/Safety

Don't Let The Heat Keep You From Riding!

Does Hot Weather Keep You from Riding Your Motorcycle?



CORE TECHNOLOGIES

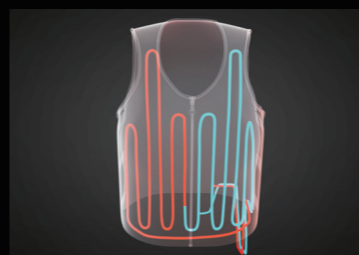
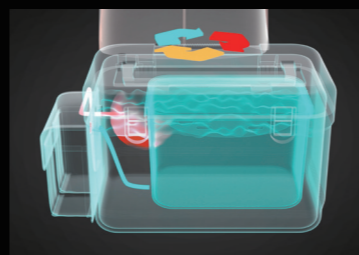
Compcooler Motorcyclist Personal Cooling Systems are grouped into two main categories: self-contained or stationary. Cold sinks for both self-contained and stationary systems are offered in either ice-based or chiller-based options.

ICE-BASED COOLING SYSTEMS

ICE-based systems include a bladder or container that gets filled with water and then frozen. The ice serves to cool the liquid that is pumped to the tubing-lined garment or cushions. Cooling time is predicated on the time it takes for the ice to melt.

The time it takes for the ice to melt depends on the bladder size, the ambient conditions and the workload of the user. Having additional frozen bladders or ice cubes on hand can prolong the cooling time.

- Estimated Cooling Time:
- 3.0L Frozen Bladder/Container: 2-4 hours
 - 5.0L Frozen Bladder: 4-6 hours
- Pump Control Mode:
- On/Off Control (standard)
 - Variable Flow Control (optional)
 - Variable Temp Control (optional)



CHILLER-BASED COOLING SYSTEMS

Thermal Chillers a type of mechanical refrigeration system that use a compressor to cool or warm the liquid that is then pumped to the tubing-lined garment or cushions.

For COMPCOOLER's line of products, these chillers are very small and lightweight. Cooling time is predicated on the power source, typically in the form of the motorcycle's 12-16V DC battery, rechargeable battery or 110-220V power adapter.

Temperature control Range:
-5°C to 30°C (23°F to 86°F)

THERMAL CHILLER
Cooling Capacity: 100-150W
Heating Capacity: 120W

PRODUCT DESCRIPTION

When it comes to the choice of sweating or bleeding, smart safety-conscious bikers will choose to don their leather and sweat. But with Compcooler's line of Personal Cooling Systems specifically designed for motorcyclists, bikers can now be both safe and comfortable.

Motorcycle Rider ICE Chest Solo Cooling System

Model: COMP-BMCS-126LV

6.0L ice chest in softpack carrier

3.0L ice container

Mesh liquid cooling vest

3-ft extension tubing with quick-disconnect fittings

12V vehicle power with SAE connections or 7.4V rechargeable battery



Optional Liquid Circulation Units



Backpack Circulation Unit
· Bladder 3.0L
· Battery 7.4V DC 2.2A
· Cooling Time: 2-4 hours
· Temp Range: 2° - 10°C (36 - 50°F)

Dual Backpack Circulation Unit
· Bladder 5.0L
· Battery 7.4V DC 2.2A
· Cooling Time: 4-6 hours
· Temp Range: 2° - 10°C (36 - 50°F)



Solo ICE Chest Circulation Unit
· ICE Chest: 6.0L
· Voltage 7.4V/12V DC
· Cooling Time: 2-4 Hours
· Temp Range: 2° - 10°C (36 - 50°F)

Tandem ICE Chest Circulation Unit
· ICE Chest 8.0L
· Voltage 7.4V/12V DC
· Cooling Time: 2-4 hours
· Temp Range: 2° - 10°C (36 - 50°F)



Mini Chiller Unit with Soft pack
· Cooling Capacity: 150W
· Voltage: 12-16V DC
· Power Consumption: 100-150W
· Temp Control: -5°C to 30°C (23°F to 86°F)

Mini Thermal Chiller with Soft pack
· Cooling Capacity: 150W
· Heating Capacity: 120W
· Voltage: 12-16V DC
· Power Consumption: 100-150W
· Cooling Temp Control: -5°C to 30°C (23°F to 86°F)
· Heating Temp Control: 31°C to 50°C (88°F to 122°F)

Garment Options



Mesh Cooling Vest
(Velcro® Tap Adjustment)



High Collar Cooling Vest



Cooling T-shirt with Detachable Hoodie



Full Body Cooling Garment
(Snug Fit Underwear)



Cooling Cushion
(Quick cooling for Hips)

Accessories



Bladders



ICE Containers



Power Adapters



Extension Tubes



Batteries and Chargers