

STATIONARY COOLING SYSTEM

COMPCOOLER's line of stationary cooling units are the ideal choice for the users who need cooling in a confined area. Micro-chillers are refrigeration-based systems that operate with an evaporator, condenser, compressor, and fans to cool the liquid circulating through a tubing-lined garment or pad. They offer 400 watts cooling capacity and 250 watts heating capacity and are powered by a standard AC outlet. ICE-based systems operate with the same circulation logic but use frozen water as cold sink. COMPCOOLER's temperature control unit is compatible with the ice chest cooling systems.



THERAPEUTIC THERMAL PADS

COMPCOOLER's tubing-lined therapeutic cooling pads work best with stationary cooling systems. Cooling pads provide relief to patients that are bedridden, or have Dysautonomia Syndrome, Parkinson's disease, Fibromyalgia and Multiple Sclerosis. Our cooling pads are made with Modal fabric, a semi-synthetic material that is considered a luxurious textile thanks to its durability, flexibility and soft feel. They are available in sizes that fit single, full, queen and king size.

P/N: COMP-LCB-S6038/F5475/Q6080/K7680



Single size 60"x38" (1524x990mm)
Full size 54"x75" (1905x1372mm)
Queen size 60"x80" (2032x1524mm)



Wheelchair Seat Thermal Pad

GARMENT OPTIONS



Mesh Cooling Vest



High Collar Cooling Vest



Hoodie Cooling T-shirt



Full Body Garment

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

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DISTRIBUTOR



COMPCOOLER

www.compcooler.shop



**PERRSONAL THERMAL
REGULATION SYSTEMS
FOR MEDICAL
APPLICATIONS**

Stay Cool Regardless of
Your Ambient or Work Conditions





PRODUCT INTRODUCTION

The inability of a person to regulate body temperature, skin temperature and perspiration can cause an intolerance to heat or cold. This is a very common and troublesome effect on people with dysautonomia and other medical conditions. There are several available therapies that can be applied to alleviate temperature intolerance, and that's where Compcooler comes in with its line of personal liquid thermal regulation systems. These systems are not only beneficial for the patient but also for the medical and surgical staff who may be providing stressful services.

Personal liquid circulation thermal 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 or warmed liquid in a continuous loop between a tubing-lined garment and a cold/hot sink connected by a set of tubes having quick-disconnected fitting.

For the past 15 years, Compcooler has expanded this technology to offer a variety of self-contained and stationary personal cooling systems. These systems regulate the user's body temperature and help them to have more freedom and better quality of life.

APPLICATIONS

Dysautonomia,
 Postural Orthostatic Tachycardia Syndrome (POTS),
 Muscular Sclerosis (MS),
 Neurocardiogenic Syncope (NCS),
 Ehlers-Danlos Syndrome,
 Thyroid Conditions,
 Anhidrosis (Lack of sweat),
 Rhabdomyolysis,
 Infant Thermal Protection,
 Rehabilitation,
 First Aid and Rescue,
 Surgeons and Nurses

MEDICAL PATIENT SYSTEMS

Patients can keep cool or warm using Compcooler's tubing-lined garments or pads connected to a choice of self-contained or stationary systems.

MEDICAL PERSONNEL SYSTEMS

Medical personnel, like surgeons and surgical nurses can also stay cool or warm using Compcooler's tubing-lined garments.

LISTEN TO YOUR BODY'S TEMPERATURE NEEDS



STAY COOL AND IMPROVE QUALITY OF LIFE

CORE TECHNOLOGIES

COMPCOOLER Medical Thermal Systems are grouped into two main categories: Self-contained or and Stationary. Cold sinks for both self-contained and stationary systems are offered in either ice-based or chiller-based options.

COMPCOOLER's Temperature Control Unit (TCU) provides accurate regulation of thermal fluid temperature from 0° C - 30° C (32° F - 86° F). The TCU is compatible with COMPCOOLER's self-contained and stationary ICE Chest cooling systems, and is ideal for patients requiring long-term therapeutic body cooling. Compared to other cooling devices that don't regulate cooling, the TCU eliminates temperature fluctuations, and it also reduces system noise and vibration for worry-free therapy. This is especially beneficial for patients who are disabled or sensitive to noise and vibration.



Liquid Thermal Vest

SELF-CONTAINED COOLING SYSTEM

Self-contained systems are used in applications where the user requires freedom of movement. As such, these systems are battery powered and carried on the person in the form of a backpack or waistpack. These self-contained systems use ice as the cold sink in a removeable bladder and operate at a quite 48 decibels. A choice of garment or pad is offered to fit individual needs.

The following systems are supplied with temperature control feature which allows the User to set up the liquid temperature for circulation. 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 need and ambient temperatures.



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



Waistpack ICE Water Circulation Unit 1.5L (WICS)



Thighpack ICE Water Circulation Unit 1.5L (WICS)



Backpack Individual Cooling System 12V 200W (BICS)