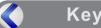


ompcooler Backpack Individual Cooling System (BICS) specifically designed for portable body cooling application, BICS includes Mini Chiller Units, Liquid Cooling Vest and Rechargeable Battery. Micro refrigeration system cools the flow liquid, pump circulates the chilled water go through the liquid cooling vest and continuously flow around the body, this may keep the user at comfortable range. Mini chiller delivers 100W cool capacity, precise liquid temperature control from 5° C to 30° C (41° Fto 86° F) accuracy +/- 1° C (2° F), once circulation liquid reaches to set point temperature, system intellectually control the cooling capacity to that temperature. This model is good for body cooling application by battery or vehicle power operated.



Key Features

Compact Mini Chiller Unit

The smallest micro refrigeration chiller unit, compact and rugged design

Excellent Cooling Capacity

High cooling performance with low power consumption, Battery or vehicle power operated

Smart System Control

Manual temperature setting for chiller unit, Intelligent system control

Liquid Cooling Vest

Reversible design cooling vest, Better heat exchange rate, underwear design

Ergonomically design

Backpack cooling system design, easy don for portable application

Safety and Healthy

Clean chilled water circulation system, Astronaut and Military story





Mini Chiller Unit Specifications

- Compressor: DC 12V Miniature Rotary
- Voltage Range: 10-16V
- Operation Current: 3-8A (10A max)
- Cooling Capacity: 50-150W
- Refrigerant Control: Capillary Tubing
- Temperature Control: 5°C-30°C(41°F-86°F)
- · Controller: manual
- Pump: 12V Centrifugal pump, 1L/min
- Fan: 2pcs 12V Fans
- Unit Case: Aluminum Machining
- · Color: Desert Tan and Black
- · Power Connector: EC5 Male
- Quick fitting: CPC Medical Grey fitting1/4"
- Noise: 48dBA
- Dimension:180*88*174mm
- · Weight: 2.5KG



Battery Specifications

- Rechargeable Battery: Li-Ion 12V DC, 10A
- Voltage: 12V Aero connector, 7.4V 4017 plug, USB 5V
- Max output: 20A for 12V, 3A for 7.4V and 5V
- · Battery Case: Aluminum Machining
- Remaining Capacity Checking: 3 led lights
- Charging: 12V Car Charing and 110/220V AC charging
- · Color: Desert Tan and Black
- Size: 80*57*150Weigt: 1.0KG
- (Optional: Motorcycle power cord to operate cooling system or battery charging.)



Applications

Cooling System



Outdoor sport, Aviation, Chem/Bio, Racing Car.

Cooling Performance

Cooling Time: 2-3hours by 12V 10A battery

Unlimited by vehicle power

- Temperature setting: 5°C-30°C(41°F-86°F)
- Accuracy: +/-1°C(2°F)
- Liquid circulation: 800ml/min
- Operation Ambient: 0°C-45°C (32°F-122°F)



Material: Soft Stretch Mesh

- Color: Dark Green Outer and black liner
- Cooling Channel: Silicon tubing 3x5mm
- Zipper: YKK reversible zipper
- · Adjustable device: stretch body fit strap
- Fitting: White quick fitting for Inlet and outlet
- · Manifold fitting: Aluminum machining
- Dry weight: 0.5kg
- Size: XS/S, M/L, XL/2XL, 3XL/4XL

COMPCOOLER GARMENTS SIZE

ltem	XS/S	M/L	XL/XXL	3XL/4XL
Chest	84cm/33.1"	100cm/39.4"	108cm/42.5"	123cm/49.6"
Length	64cm/25.2"	68cm/26.8"	70cm/27.6"	73cm/28.8"

Note: Garment size has 15-30% expansion stretch by stretch fabric or sides adjustable device.



Certificate: CE, FCC, RoHS, Quality: AS9100, ISO9001



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Amazon Store