

# MobileCool BP2

*Congratulations on your purchase of the world's finest Personal Cooling System*

The COOLSHIRT MobileCool BP2 is an active personal cooling system comprising two main components; a cooling garment with patented non-kink tubing attached and a backpack that contains a rechargeable Lithium battery pack, battery charger, pump, ice/water bladder and an on/off switch.

The garment and backpack are connected after donning by a set of quick-disconnect fittings. When connected together, the garment tubing and backpack bladder form a closed loop of coolant (water) that is circulated via a pump and battery pack.

***Please inspect your purchase to ensure that your system contains the components listed below. If there are any discrepancies, please contact COOLSHIRT SYSTEMS Customer Service at 800-345-3176 immediately.***

**Included with your system:**

<u>Quantity</u>	<u>Part #</u>	<u>Description</u>
_____ 1	2001-0005	MobileCool BP2 Cooling Unit with internal pump
_____ 1	5004-0001	Rechargeable Battery 7 Hour
_____ 1	5004-0002	Battery Charger

***All products are guaranteed for one year from the initial date of purchase for defects in material and workmanship. If you have any questions, please call COOLSHIRT SYSTEMS Customer Service at (800) 345-3176. We appreciate your interest in our personal cooling products.***

***Operating Instructions:***

- 1. Charge the battery pack with the supplied battery charger:**
  - a. The battery pack is located in a pouch on the inside of the backpack, at the top
  - b. The battery pack can be left in place for charging or removed from its pouch.
  - c. Simply detach the wire terminal from the battery pack and attach the charger to the battery at the same terminal location
  - d. The first charge will take several hours, then a few hours for subsequent charges. A solid green light on the charger indicates the charge is complete.
  
- 2. Place Endurance Ice in freezer until frozen solid. Place Endurance ice back in water bladder. NOTE: COOLSHIRT recommends putting ice cubes in the bladder with Endurance Ice**
  
- 3. Re-install the battery pack.**
  
- 4. Add 1/2 ounce of Maintenance Additive (5003-0001) then fill bladder with enough cold water to cover the pump then seal the bladder.**
  
- 5. Priming the System:**
  - a. On a flat surface lay out the garment and backpack such that the quick disconnect fittings are facing each other.
  - b. Prop up the backpack such that the water in the bladder settles at the bottom of the bladder (ie: toward the pump at the bottom of the backpack).
  - c. Connect the garment and backpack together using the quick disconnect fittings.
  - d. Using the toggle switch, turn on the system and allow it to run for a few minutes, taking note that the water coolant is moving throughout the garment. Turn the system off and inspect the bladder to see if it is filled half-way with water. If not filled half-way, top off as required.
  
- 6. Close the backpack flap by using the dual zipper pull.**
  
- 7. Putting the system on:**
  - Put on the garment and backpack. For optimum cooling performance, the garment should fit snug to the body and be situated against the skin, beneath all other clothing.
  - Connect the fittings from the garment and backpack. The fittings will 'click' upon a good connection.

***Operating Instructions (continued):***

8. **Turn on the system using the toggle switch for cooling. If you are receiving too much cooling, turn the system off using the toggle switch.**
9. **Taking the system off:**
  - Turn the system off using the toggle switch.
  - Push the tabs on the quick disconnect fittings until they pop apart.
  - Remove garment and backpack.
10. **For extended cooling:**
  - Open the bladder and replace the melted Endurance Ice with a frozen Endurance Ice
  - If using ice cubes, open the bladder and dump excess water. Re-fill with ice cubes and top off with water as per instruction #4.

***Maintenance:***

1. **Laundering the garment:**
  - a. Turn the shirt inside out.
  - b. OPTIONAL: Place in a laundry bag.
  - c. Launder or clean the cooling garment per the care instructions located in the garment packaging.
2. **Cleaning the bladder and garment tubing:**
  - a. If mold appears in the bladder or garment tubing, pour 2 ounces of liquid Maintenance Additive into a prepared bladder (with Endurance Ice inserted and topped off with water), then operate the system during your next cooling cycle.
  - b. The Maintenance Additive (5003-0001) contains a fungicide and is specially formulated to clean and sanitize your COOLSHIRT MobileCool BP2. It is nontoxic and biodegradable. Reference caution below.
  - c. Maintenance Additive (5003-0001) can be purchased from COOLSHIRT SYSTEMS by calling (800) 345-3176.

***Troubleshooting:*****Pump stops working****If the pump stops working check the following to resolve:**

- a. Make sure that batteries are fully charged. If not, insert fully charged batteries.
- b. Press the toggle switch to see if pump was accidentally shut off.
- c. Look for pinch points in the tubing.
- d. Verify that the electrical connections have not been severed.
- e. Make sure that all quick disconnects are properly connected.

**Garment is not cooling****If the cooling garment does not have a cool temperature, check the following:**

- a. Make sure that the Endurance Ice or ice cubes have not melted completely.
- b. Press the toggle switch to see if pump was accidentally shut off.
- c. Look for pinch points in the tubing.
- d. Make sure that all quick disconnects are properly connected.
- e. Make sure that the garment and bladder are completely filled with water coolant.

**CAUTIONS**

- **Disconnect the battery pack if the system will not be used for several days or longer.**
- **When using the maintenance additive, keep out of the reach of children. Contains a surfactant. Do not get in eyes. If eye contact occurs, rinse eyes with water for 5 minutes. If eye irritation persists, seek medical attention.**