



**ELIMINATE
HEAT INDUCED
FATIGUE**

**The World Leader
in Personal Cooling**

HOW DOES COOL SHIRT® WORK?

COOL SHIRT® will work with any personal cooling system on the market that utilizes circulating water. It is designed to maintain or quickly return core body temperatures to normal levels, reducing heat-induced fatigue and the mental & physical error that it causes. It cools the body and allows it to radiate its heat, thus reducing the risk of heat stroke. *Here's how it works:*

THE SHIRT: **COOL SHIRT®** contains more than 50 feet of medical grade capillary tubing securely stitched on the front and back of the shirt. It is connected to a compact cooling unit via insulated hose with quick, dry disconnects. The cooling unit contains ice, water and an internal pump that supplies cool water to **COOL SHIRT®** as it covers up to 40% of the body

WHY THE SHIRT WORKS SO WELL : The temperature-controlled cool water provided by the cooling unit to the **COOL SHIRT®** is between 50 and 65 degrees. Studies have proven that cool water will transfer body heat 28 times faster than cool air. This allows faster, more efficient maintenance of the body's optimum core temperature.

CONSTANT USE : Constant, ongoing use of **COOL SHIRT®** Personal Cooling Systems during strenuous activity and in high temperature environments will help PREVENT heat fatigue & heat stroke and help maintain the body's core temperature at normal levels during use.

ON-DEMAND USE : In situations where ongoing use of **COOL SHIRT®** is not an option, it does an excellent job of quickly relieving heat-induced fatigue and helping to prevent heat stroke. Being made of lightweight cotton, it can be worn comfortably for long periods of time and quickly connected and disconnected to the cooling unit as needed. **COOL SHIRT®** will return the body's core temperature to normal levels within minutes. Pit Crews, football players, firefighters, industrial and hazmat workers all benefit from the quick heat relief that the **COOL SHIRT®** provides.

MAINTENANCE INSTRUCTIONS

- 1) **COOL SHIRT®:** Hand wash or machine wash on the gentle cycle in warm or cold water as necessary. Hang to drip dry.
- 2) Inspect o-rings on shirt fittings for cracks or abrasions and replace as necessary.
- 3) **Tubing on shirt:** Once per month, pour 6-8 ounces Isopropyl Alcohol (rubbing alcohol) in the cooling unit *with the ice and water while the unit is being used*. This will keep the pump, hoses and vest lines clear of the buildup that occurs naturally in water circulation systems. Or, drain the shirt after each use with the Universal Connector & Drain Kit (Part# UK-1)