

How does the Active Aqua Vest work?

Made in the U.S.A

The **Active Aqua Vest** 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 VEST: The Active Aqua Vest® contains approximately 50 feet of industrial grade capillary tubing securely stitched on the front and back of the vest. 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 the vest as it covers up to 40% of the body.

WHY THE VEST WORKS SO WELL: The temperature-controlled cool water provided by the cooling unit to the vest 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 the Active Aqua Vest 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 the vest is not an option, it does an excellent job of quickly relieving heat-induced fatigue and helping to prevent heat stroke. The Active Aqua Vest can be worn comfortably for long periods of time and quickly connected and disconnected to the cooling unit as needed. The Active Aqua Vest 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 Active Aqua Vest provides.

Maintenance Instructions:

1) Hand or machine wash on the gentle cycle as necessary. The vest is manufactured from industrial grade ventilated nylon which is machine washable. We recommend that the garment be laundered in a garment bag for machine washing. Water temperatures of up to 250 degrees F can be used to help insure that the garment is thoroughly disinfected. In addition, antibacterial/virus solutions can be added to the water for further protection. However, please note that some disinfectant solutions can reduce the life of the vest.

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.