

arcticheat.

COOL DOWN AND FIRE UP

Experts have long stressed the importance of controlling body temperature so as to enhance elite performance for long periods, and allow for fast efficient recovery.

The unique Australian designed and manufactured Arctic Heat Cooling Vest now helps you achieve these goals with ease.

Arctic Heat products are dual-purpose, offering both cold and hot applications.

SCIENTIFICALLY TESTED

The Vest is scientifically tested, used by many leading sporting Organizations worldwide and also many industrial, military and medical applications.

To activate the Vest simply soak for approximately 10 minutes until crystal becomes gel. Once activated the Vest can be ready for instant cooling in 3 minutes. The Vest can be used dry or wet.

The lightweight, practical design makes the Arctic Heat Cooling Vest ideal to wear at anytime, during any activity. The Vest can be worn before, during or after activity.

PROLONGED SUSTAINED ACTIVITY

Made from a unique combination of materials and technology including the body cooling material Sportwool™ and our special Arctic Heat Gel, the cooling vest will keep your body cool for long sustained periods helping prolong elite performance. The Arctic Heat Cooling Vest can drop skin temperature by up to 17 degrees Celcius - lowering your heart rate, reducing fluid loss and helping you to achieve at your maximum.

REDUCES THE DANGER OF HEAT STRESS

Cramps, severe dehydration, heat exhaustion, heat stroke. Reduce the risk today with scientifically tested and proven Arctic Heat Cooling Vest.

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WHO'S GETTING THE COMPETITIVE EDGE WITH ARCTIC HEAT?

Leading experts recognize the advantages of the revolutionary Arctic Heat Cooling Vest, and the Vest is now an integral piece of equipment with most elite sporting bodies.

Industry, Military and Medical are now successfully using the Vest. Some organizations using the Arctic Heat Cooling Vest are:

- Official Supplier Australian Olympic Team 2008
- USA, German, England, South African and China Olympic Teams
- Australian Tennis Open
- Australian, New Zealand, Pakistan, South African, and England Cricket Teams
- Australian Football League (AFL)
- Australian Women's Kayak and Canoeing Teams
- Dack Racing (Motocross)
- England World Cup Football Squad
- Jim Cassidy, Glen Boss, Larry Cassidy, Len Beasley, Hugh Bowman (Leading Jockeys)
- Nikki Hudson (Captain Australia Hockeyroos)
- Marcus Ambrose
- V8 Supercar Drivers
- Preferred Supplier to the Australian Defence Force
- M.S. Societies
- Spinal Injury People
- Many other medical applications
- BHP Port Hedland
- Many Various Industries (too many to list here)

ENDORSEMENTS

"In an operating room with a temperature of 32 degrees Celcius plus sterile gowns and gloves, it is extremely unpleasant for the staff involved. We found the Vests to be of great value in improving the comfort of the scrub team for a period of up to 2 hours." John Greenwood, Director, Burns Unit Royal Adelaide Hospital

"The Vests have enabled many clients of the MS Society to maintain their employment, by assisting them effectively to manage heat fatigue. The Vests also impact positively on general energy levels, so people with MS can fulfil their roles within the home and community. This is vital for maintenance of self esteem and a positive outlook on life. When not using the Vests, many of these clients are house-bound due to the effects of heat fatigue and loss of energy." Christine Leech, Occupational Therapist, MS Society Qld

arcticheat®

BODY COOLING VEST



SPORT • INDUSTRIAL • MEDICAL
OR WHERE HEAT STRESS
IS A PROBLEM

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SPORT



INDUSTRY

MEDICAL



MILITARY

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THE COOL DOWN AND FIRE UP VEST

THE ARCTIC HEAT COOLING VEST

The Arctic Heat Cooling Vest is a revolutionary product designed to counter the harmful effects of heat stress. It is fast becoming an essential piece of sporting equipment for athletes seriously seeking a competitive edge.

For Industry, the Vests are an effective and convenient method of protecting employee's health as well as improving productivity.

People that suffer from heat stress through medical conditions, e.g. MS and eczema gain great relief by using the Arctic Heat Cooling Vest.

The Arctic Heat Cooling Vest contains a special non-toxic completely biodegradable viscose gel that absorbs the water it is soaked in. The materials used in the Vest are designed to lower skin temperature, which in turn stabilises the core body temperature.

By controlling and stabilising the core body temperature a person can perform at his or her optimum level for much longer, sustained periods. It also reduces sweating and assists the natural cooling system of the body.

The Vest is manufactured from scientifically tested and proven body-cooling materials - Sportwool™. Microfibre and pockets of gel which are designed to hold any temperature for extended periods.

Medical experts have long stressed the importance of controlling body temperature. Since the early 1820's there have been several studies that have shown that cooling the skin before an activity can sustain performance over long periods and postpone overheating.

The Vest is easy to use and can be activated anywhere by simply submerging the cooling Vest into water for approximately 10 minutes so that the crystals in the pockets swell into gel form. Once activated the vest should be dried then placed in the refrigerator or freezer. The Vest can also be placed inside the re-sealable bag / satchel it was purchased in and placed on ice or in ice water/slurry. The length of cooling time is subject to outside temperature and body heat considerations. As a guide, if soaked in ice water /slurry for 5 to 10 minutes the Vest will stay cold for 30 to 60 minutes. If frozen for two hours or longer it will stay cold for 1 to 2 hours.

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SCIENTIFIC DATA

Tests on the Arctic Heat Cooling Vest indicate:

- Lowers skin temperature by up to 17 degrees celcius
- Skin temperature decreases rapidly once the Arctic Heat Cooling Vest is applied - even when used over clothing, skin temperature reduction can be as much as 12 degrees celcius
- Less total cardiac output is directed towards the skin allowing more blood to be directed towards active muscle
- Arctic Heat Cooling Vests serve to conserve fluids which would normally have been lost in the form of sweat
- Arctic Heat Cooling Vests delay the onset of dehydration and performance decrement

RECOGNITION



2006 INNOVIC Next Big Thing Award Finalist
2005 Gold Coast Region Export Award Finalist
WINNER May 2001 Gold Coast Business Excellence Mayor's Innovation Award



As supplied to the
Australian Cricket Team and the
Australian Football League

