



arcticheat™

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.

Uruguay Football Squad has followed England's lead and are now using the Arctic Heat Cooling Vest.

Other elite sporting leaders enjoying the Arctic edge are:

- Suzuki MotorSport Team
- Australian Women's Kayak and Canoeing Teams
- England World Cup Football Squad
- Uruguay Football Squad
- Australian Tennis Open
- Australian Football League
- Australian, South African, New Zealand Cricket Teams
- Shane Kelly, Mark French (Cyclists)
- Cathy Leitch (Australia's no. 1 Fencer)
- Melbourne Storm Rugby League (NRL)
- Mark Noske, Marcos Ambrose (V8 Super Car Drivers)
- Dack Racing (Motorcross)
- Felicity Abram (Junior Champion Triathlete)
- Karla Gilbert (Iron Woman)
- Samantha Hughes (Marathon Runner)
- Trans Australian Run
- Jim Cassidy, Justin Sheehan, Larry Cassidy, Len Beasley (Leading Jockeys)
- Lorne U21 Surfboat Crew (Australian champion crew 2001-2002)



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ENDORSEMENTS

In an operating room with a temperature of 32 degrees Celsius 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 two 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 Accot, Occupational Therapist, MS Society Qld.

SCIENTIFIC DATA

Tests on the Arctic Heat Cooling Vest indicate:

- Lowers skin temperature by up to 17 degrees celsius
- Skin temperature decreases rapidly once the Arctic Heat Cooling Vest is applied – even when used over clothing the 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.



WINNER

May 2001 Gold Coast Business Excellence Mayor's Innovation Award.



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Official supplier to the
Australian Cricket Team and the
Australian Football League



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BODY COOLING VEST



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

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THE COOL DOWN AND FIRE UP VEST

COOL DOWN AND FIRE UP

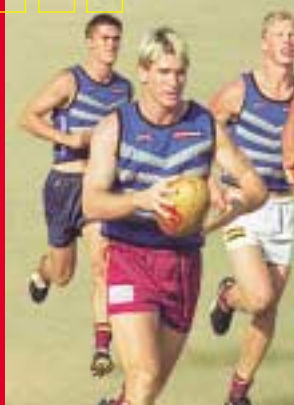
Experts have long stressed the importance of controlling body temperature so as to **enhance elite performance** for long periods, and allow for **fast efficient recovery**.

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

SCIENTIFICALLY TESTED

The vest is scientifically tested. It is **endorsed and used by the AFL and ACB**.

To activate vest simply soak for 15 minutes until crystal becomes gel. Once activated 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.



PROLONG 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 Celsius – lowering your heart rate, reducing fluid loss and helping you to achieve at your maximum.

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REDUCE 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.



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.

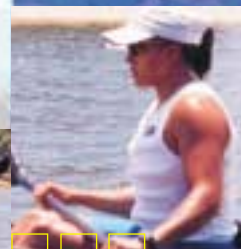
The Vest is manufactured from scientifically tested and proven body-cooling materials – Sportwool™, Microfibre and pockets of gel which are designed to hold any temperature for extended periods.

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 activity can sustain performance over longer periods and postpone overheating.

The vest is easy to use and can be activated anywhere by simply submerging the cooling vest into water for 15 minutes so that the crystals in the pocket swell into gel form.

Once activated the vest can be placed in the refrigerator or freezer. The vest can also be placed inside the resealable bag/sachel 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 5-10 minutes the vest will stay cold for 30-60 minutes. If frozen for two hours or longer it will stay cold for 1-2 hours.



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