

POLAR Products ***COOLING CATALOG***



Solutions for Cooling Every Body!®

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POLAR Products

The leading worldwide manufacturer
of body cooling systems since 1984
GSA Contract # V797P-4536a

POLAR Products A Note from our President



Welcome to Polar Products Inc. We are a family-owned and operated business specializing in the design and manufacture of innovative, high-quality and competitively priced body cooling systems.

Polar Products has over 25 years of experience cooling people in diverse applications, including industrial safety, construction, emergency services, athletics, fitness, the military and people with medical heat-sensitivity. We are proud to manufacture the most comprehensive and complete line of body cooling products in the world.

In addition to our excellent products, it is our mission to ensure complete customer satisfaction. At Polar, we believe that the best measure of our success is the loyalty of our customers. We appreciate the trust they place in us and we are committed to always maintaining that trust.

With warmest regards,

William S. Graessle · President and CEO · Polar Products, Inc.

Types of cooling products



Kool Max®

Frozen water-based cooling packs fit into insulated pockets in vests and accessories.

- Will cool for up to 3-4 hours in any climate
- Discreet – can be worn beneath clothes
- Most cost-effective cooling
- Requires access to freezer



Cool Comfort®

Hybrid technology combines the advantages of frozen water-based and water-activated cooling.

- Will cool for many hours when activated with water
- Can be frozen for a higher level of cooling for up to 2 hours in any climate
- May be worn beneath clothes



Cool 58™

Cooling packs freeze at a moderate temperature of 58° F and cool at this constant temperature.

- Freezer optional. Can be activated in ice water or the refrigerator
- Will cool for up to 2-3 hours in any climate
- Less cooling energy than Kool Max®

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Solutions for Cooling Every Body! [®]



Cool Flow[®]

Ice water is pumped from a cooling reservoir through insulated water lines sewn into vests and accessories.

- High-end core body cooling system
- System requires power and vest is tethered to a cooler.



Quick Cool[™]

Stays soft and flexible when frozen for short-term cooling.

- Ideal for pre-cooling or post-cooling before, during and after activity
- Offers up to half an hour of cooling relief



Evaporative

Garments are designed to be briefly soaked in water, causing a natural cooling effect as it evaporates.

- Inexpensive and lightweight
- Will cool for hours on low-humidity days and in dry climates
- Less effective in higher humidity

Lightweight and efficient cooling packs will cool the body for up to 3-4 hours in any environment. If you have a freezer available, this is the most cost-effective cooling option. Simply place the packs in a freezer until frozen and insert into the insulated pockets in the vests and wraps.



A. KOOL MAX® ZIPPER FRONT VEST #KMVZ
Our best-selling cooling vest. Can be worn over or under clothes. Unisex. Adjustable sizing at shoulders, chest and waist. Weighs 3.5 - 5.5 lbs. Includes eight to twelve 4.5" x 6" cooling packs. Khaki or Blue. Sizes: S/M, M/L, L/XL, XXL

B. KOOL MAX® PONCHO VEST #KMV
Ideal for wearing beneath clothes. Weighs up to 4.5 lbs. Includes ten 4.5" x 6" cooling packs. Unisex. Adjustable sizing at shoulders, chest and waist. Khaki or Blue.

C. KOOL MAX® FASHION VEST #KMFV
NEW! Stylish vest designed to complement women's attire. 100% cotton. Includes five strategically placed 4.5" x 6" cooling packs. Fitted. Black or Khaki. Sizes: S, M, L, XL, XXL

D. KOOL MAX® SECRETS VEST #KMS
NEW! Our lightest Kool Max® vest - only 1.7 lbs. Comfortable and very discreet. Elastic straps with hook and loop closure tabs on sides. Includes four 4.5" x 6" cooling packs. Black or Khaki.

E. KOOL MAX® SLIM TORSO VEST #KMVTS
Ideal for discreet use beneath mascot costumes. Unisex. Lightweight and very discreet. Elastic straps on sides offer a comfortable "one size fits most" fit. Includes six 4.5" x 6" cooling packs. Black.

F. KOOL MAX® TORSO VEST #KMVT
Unisex. Discreet beneath clothes. Elastic straps on sides offer a comfortable "one size fits most" fit. Includes six 4.5" x 12" cooling packs. Black.



A. KOOL MAX® NECK AND UPPER SPINE WRAP #KMNCEX
Cooling the arteries in the upper spine provides additional relief! Includes three 3" x 9" cooling packs and one 4.5" x 7" cooling pack. Insulated fabric. Hook and loop closure in front. Khaki or Black.

B. KOOL MAX® NECK WRAP #KMNC
Includes three 3" x 9" cooling packs. Insulated fabric. Hook and loop closure in front. Khaki or Black.

C. KOOL MAX® DELUXE NECK TIE #DNB-KM
NEW! Includes one 3" x 18" segmented cooling pack. Ties for comfortable fit. 100% cotton. Khaki, Black or Blue.

D. KOOL MAX® ANKLE WRAPS #KMA
Keep your lower legs cool! Universal design fits left or right ankle or foot. Each with two 3" x 6" cooling packs. Insulated fabric. Khaki or Black.

E. KOOL MAX® WRIST WRAPS #KMW
Universal design fits left or right wrist. Each with one 3" x 6" pack. Insulated fabric. Khaki or Black.

F. SOFT ICE® COOLING PILLOW CASE #SIPC
Soft, comfortable cooling for the head and neck. Includes two 6" x 12" Soft Ice® cooling packs. Cooling packs stay soft and flexible when frozen. 100% cotton. White.

G. KOOL MAX® SEAT CUSHION #KMSP
Can be used as seat or back in wheelchairs, vehicles, etc. Includes four 3" x 14" cooling packs. Insulated cushion. 14" x 16". Black.

*"I highly recommend the Kool Max® vest for anyone with heat sensitivity who wants to get their life back!"
Tom in Austin, TX*

SAVE MONEY

WITH OUR COOLING KITS

All kits include an extra set of cooling packs for each product. Keep the extra packs in the freezer or a cooler so they are ready when you need them.



A. COOLFIT® KIT #CFK
Live well, be fit and stay cool! Includes a deluxe neck tie, pairs of wrist and ankle wraps and a lightweight Secrets Vest for cooling before, during and after activity.



B. SECRETS KIT #SK
Fashionable and discreet... no one will know you are wearing cooling products! Includes a Quick Cool™ Scarf, a pair of 58° Bra Coolers and a Secrets Vest.



C. KOOL MAX® Vest KIT #KMVZS
Includes your choice of Zipper or Poncho vest, a neck wrap and a pair of wrist wraps.

Cool Comfort®



Our innovative new hybrid cooling system combines the efficient cooling power of evaporation with the direct cooling of chilled or frozen water. Simply submerge in water, gently wring out, allow the garment to dry to the touch and you're ready to go! The special water-absorbing crystals hold the temperature of the water an extended period of time. Water causes a natural cooling effect as it evaporates, providing many hours of cooling relief.

To use as frozen water-based cooling: After allowing the garment to dry to the touch, place in the freezer for additional cooling energy for up to 2 hours in any climate.



A. COOL COMFORT® DELUXE SPORTS VEST #CCSV

Sporty unisex design with a slight stretch for a comfortable fit. Strategically placed cooling strips in the front and back. Blue or Khaki. Sizes S – XXXL.

B. COOL COMFORT® HIDDEN VEST #CCHV

Ideal for discreet cooling beneath clothes! Hook and loop tabs on the front and sides allow for an adjustable, slim fit. Racerback style with additional cooling coverage down the back. Light Khaki. Sizes S – XXL.

C. COOL COMFORT® NECK & UPPER SPINE WRAP #CCNBX

Cools the major arteries of the neck and upper spine. Hook and loop closure tab in front. Blue or Khaki. One size.

D. COOL COMFORT® NECK BAND #CCNB

Ties for a comfortable fit. Blue, Khaki, Orange or Pink. One size.

E. COOL COMFORT® WRIST WRAPS #CCW

Pair of cooling wraps secure comfortably around the wrists with hook and loop closure tabs. Blue or Khaki. One size.

F. COOL COMFORT® ANKLE WRAPS #CCA

Pair of cooling wraps secure comfortably around the ankle or feet with hook and loop closure tabs. Blue or Khaki. One size.



SAVE MONEY WITH OUR COOLING KITS

These kits offer excellent cooling relief before, during and after sports and exercise.



A.

A. COOL COMFORT® FIT KIT #CCFK
Includes a Hidden Vest, neck band, pair of wrist wraps and pair of ankle wraps.

B. COOL COMFORT® KIT #CCK
Includes a Deluxe Sports Vest, neck band, pair of wrist wraps and your choice of Cool Comfort® hat.

C. COOL COMFORT® SPORTS KIT #CCSK
Includes a Deluxe Sports Vest, neck band, pair of wrist wraps and pair of ankle wraps.



B.



C.



A.



B.



D.



C.



E.

"Polar cooling systems are used by the athletic training staff of the Minnesota Vikings for rapid cooling of overheated athletes." *Minnesota Vikings Trainer*

A. COOL COMFORT® STRAW HAT #CCSH
Stylish straw hat with Cool Comfort® Crown Cooler insert keeps the head cool and the wide brim protects the face from the sun.

B. COOL COMFORT® BUCKET HAT #CCBH
Cotton hat with Cool Comfort® Crown Cooler insert. Blue or Khaki.

C. COOL COMFORT® BASEBALL CAP #CCBC
Cotton hat with Cool Comfort® Crown Cooler insert. Blue or Khaki.

D. COOL COMFORT® BANDANA #CCB
Cotton bandana with wide cooling strip. Ties to fit most sizes comfortably. Blue or Khaki.

E. COOL COMFORT® CROWN COOLER #CCCC
Included with all Cool Comfort® hats; can be purchased separately and worn in any hat.

Cool58™

Provides a constant cooling temperature of 58° Fahrenheit for up to 2-3 hours in any climate. Reusable packs can simply be submerged in ice water or placed in the fridge.



A. COOL58™ PONCHO VEST #PCV
Includes set of four Cool58™ Packs (400g, 500g, or 800g packs available.) Adjustable sizing at the shoulders, chest and waist. Khaki or Blue. One size fits most; extension straps available.

B. COOL58™ ZIPPER FRONT VEST #PCVZ
Includes set of four Cool58™ Packs (400g, 500g, or 800g packs available.) Adjustable sizing at the shoulders, chest and waist. Khaki or Blue. Sizes S/M, M/L, L/XL, XXL.

C. COOL58™ DELUXE NECK WRAP #PCDNB
Includes one 3" x 20" Cool58™ Pack. Hook and loop closure tab in front. Khaki, Black or Blue.

D. COOL58™ NECK WRAP #PCNB
Includes one 2" x 20" Cool58™ Pack. Ties for a comfortable fit. Blue or Khaki.

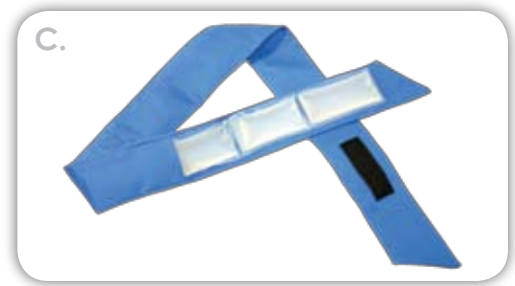
CoolKids™

A. COOLKIDS™ COOL58™ VEST #PCVZC

NEW! Designed for children and pre-teens! Includes four 6" x 6" Cool58™ packs that cool at a safe 58 degrees F. Lightweight and comfortable vest. One size adjusts to fit child up to 100 lbs. Polar Blue, Frosty Khaki, Arctic Pink.



E. COOL58™ CROWN COOLER #PCCC
Includes one 6" diameter round Cool58™ Pack. Fits into insulated cover with elastic straps and hook and loop closure to secure to hard hats. Khaki.



SAVE MONEY WITH OUR COOLING KITS



B. COOLKIDS™ COOL58™ NECK WRAP #PCNBC

NEW! Includes one 2" x 13" segmented Cool58™ pack. Can also be used as a cooling torso wrap for smaller children. Polar Blue, Frosty Khaki, Arctic Pink.

Industrial Cooling

Reducing the risk of heat stress results in fewer injuries and improved productivity. Our industrial cooling vest is compatible with our Kool Max® water-based cooling packs (great when freezers are available) and our Cool58™ phase change cooling packs (an ideal choice in the field).



A. INDUSTRIAL KOOL MAX® VEST #PCVZ-KM

Can be worn beneath uniforms and protective gear. Includes set of four 6" x 14" Kool Max® Packs. Weighs only 5.5 lbs. Large insulated pockets are compatible with Cool58™ packs. Zipper front. Adjustable sizing at the shoulders, chest and waist. Khaki or Blue. Sizes M/L, L/XL, XXL.

B. INDUSTRIAL COOLING KIT #PCVZS-KM

NEW! Includes an Industrial Kool Max® Vest with a set of Kool Max® industrial-size cooling packs and a set of Cool58™ phase change packs, a Cool58™ neck wrap and a Cool58™ Crown Cooler for complete body cooling on the job.



"I use my cooling vest for summer field work in the desert southwest. This equipment saves my life regularly!"

Laura O. In Phoenix, AZ

Fire-Resistant Cooling Vests

Ideal for hot job sites near open flame. Each vest includes your choice of four Cool58™ phase change packs (400g, 500g, or 800g packs available) or four 6" x 14" water-based Kool Max® cooling packs.

A. BANOX™ FIRE-RESISTANT COOLING VEST #FRV-B

Made of Banox™ fire-resistant fabric. Large insulated pockets in the front and back. Adjustable sizing at the shoulders, chest and waist. Blue. Sizes M/L, L/XL, XXL.

B. NOMEX™ FIRE-RESISTANT COOLING VEST #FRV-N

Made of Nomex™ fire-resistant fabric, thread and hook and loop closure tabs for advanced fire protection. Large insulated pockets in the front and back. Adjustable sizing at the shoulders, chest and waist. Blue. Sizes M/L, L/XL, XXL.



Cool Flow® System

Cold water continuously circulates through insulated lines sewn in our Cool Flow® vests and accessories, providing high-end core cooling.



Cool Flow® System Features

- 15 quart wheeled cooler with retractable handle
- 9 feet of insulated water lines connected to cooler
- High-flow, dry breakaway couplings
- Auto-drain accessory
- Temperature control
- Compact Lithium Ion 6-hour battery pack available



A.



B.

A. COOL FLOW® FITTED VEST #CFF

Fabric has a slight stretch for a comfortable, snug fit. Weighs 14 oz. Sizes S – XXXL. Navy.

B. COOL FLOW® ADJUSTABLE VEST #CFA

Adjustable at chest and waist. Weighs 14 oz. Sizes M/L, L/XL, XXL. Khaki or Blue.

C. COOL FLOW® HEAVY-DUTY VEST #CFA-HD

Adjustable at chest and waist. Ideal for use beneath lead aprons. Sizes M/L, L/XL, XXL. Khaki or Blue.

D. COOL FLOW® BLANKET

OR SEAT CUSHION SYSTEM #ACB / #ACS

Standard blanket size is 36" x 20"; seat cushion is 22" x 20". Custom sizes available. Khaki.



C.



D.

Custom embroidery, multi-person and custom systems available! Call us for details and pricing.

Active Ice® Head Cap

Cold water continuously circulates through tubing throughout cap for maximum cooling relief from migraines, insomnia and more.

A. ACTIVE ICE® HEAD CAP #AIS-H

Includes 9 quart cooling reservoir and 5 feet of tubing from cooler. Fabric has a slight stretch for a soft, snug fit. Custom sizing available. Black.

B. ACTIVE ICE® EXTENDED

COVERAGE HEAD CAP #AIS-HL

Covers the forehead and can be worn over the eyes. Black.



A.



B.

Quick Cool™

Sometimes quick relief is needed on a hot day. Our Quick Cool™ packs are comfortably soft against the body and typically provide cooling for about half an hour.



A. QUICK COOL™ SCARVES #QCS
NEW! 100% cotton scarves have pockets for two 3" x 8" Quick Cool™ packs. Several colors and prints available.

B. UNIVERSAL QUICK COOL™ WRAP #QC-SP6
Insulated cover with one 6" x 9" Quick Cool™ pack and one 3" x 27" elastic belt.



C. 58 DEGREE BRA COOLER PAIR SET #PCBC
NEW! Comfortable cooling at 58° Fahrenheit. Set includes four Cool58™ phase change packs and two 100% cotton covers. Light Green or Sky Blue.



"With the bra coolers, I feel relief for nearly an hour. They are small, discreet and effective!" *Bea in St. Louis, MO*

Evaporative

Water causes a natural cooling effect as it evaporates. Simply soak garments in water. **Please note: Evaporative cooling is especially effective in low humidity climates.**

A. EVAPORATIVE COOLING VEST #ECV
Unisex fitted vest with a zipper pull front. Sizes S - XXXL. Khaki or Blue.



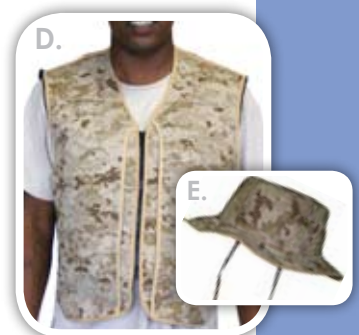
B. EVAPORATIVE SAFETY VEST #ESV
Unisex vest with zipper pull. ANSI compliant high visibility color with 3M reflective tape. Sizes S - XXL.



C. EVAPORATIVE KIT #EVK
Includes evaporative cooling vest, a neck band, pair of wrist wraps and choice of evaporative hat.



D. MILITARY EVAPORATIVE COMBO VEST #KMEM / #PCEM
Evaporative vest with insulated pockets for Cool58™ cooling packs. Digital Army Green or Digital Marine Brown. Sizes M, L, XL, XXL



E. EVAPORATIVE BOONIE CAP #ECMBC
Wide-brim boonie cap with evaporative cooling insert. Attached adjustable strap. Digital Army Green or Digital Marine Brown.

**NEW from
POLAR Products:
PolarPup™**

A complete line of cooling products for working dogs and pets!



Also available from



**POLAR Products:
HOT & COLD Therapy**

**Thera-Temp®
Moist Heat**

Reusable
microwaveable
moist heat
wraps



**Soft Ice®
Wraps**

Cold therapy
wraps offer
comfortable
compression



See our complete personal cooling and hot & cold therapy product lines on our website:

www.polarproducts.com



**Active Ice® Post-Surgery
Cold Therapy System**



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