



EXTREMEMIST®

**PERSONAL COOLING SYSTEM (PCS)
CLASS-2 HIGH VISIBILITY VEST**

User Manual

Congratulations on the purchase of your new ExtremeMist® Class 2 Hi-Vis Misting Vest! Use the Personal Cooling System (PCS) anywhere, in or out of the vest, to cool down on the job and enjoy a refreshing, cool mist.

Stay Cool Anytime, Anywhere!

Vest Includes



Vest Features

- Ultra-Cool 100% polyester mesh
- Snap front closure reinforced with durable webbing
- 2" wide high-performance reflective material
- Left and right mic tabs
- Padded neck for comfort
- 2 lapel grommets
- Right chest radio pocket and clear ID holder with flap
- Right chest 2-tier 4-division pencil pocket
- Outside left and right full-length pockets with grommets
- Inside lower left tablet (iPad) pocket with load-bearing strap
- Inside lower right full-length pocket
- Inside upper right pocket
- Hidden back pouch with left and right velcro access for reservoir and PCS Pump

Battery Life Between Charges

FAN SPEED	APPROX. BATTERY DURATION
LOW SPEEDS	9 - 12 hrs
MEDIUM SPEEDS	7 - 9 hrs
HIGH SPEEDS	5 - 7 hrs

Quick Start Instructions

1. Fully charge PCS Battery by inserting the charging cable into the Micro-USB port on the left side of the battery pack. Remove plastic battery blocker tab before operating pump. *Note: You will need to unfasten velcro and remove pump cover to reach battery pack.*
2. Connect to water, the pump will prime itself but may take

a few moments to siphon.

Note: To speed up process open purge valve to expel remaining air, once water is flowing freely, close purge valve to let mist line fill with water. Mist will start spraying out of nozzle once mist line has water supply.

3. Clip mist hose to the front of the vest in a preferred location. Store remote in one of the clear remote pockets, use it to change the speed of mist as desired.

Mist Line Tips

- Trim mist hose to shorten the length if desired (we recommend chest level).
- Mist hose can route down either shoulder through the reflective fabric tunnel.

To change which shoulder tunnel it is routed through:

- Remove chest clip and mist nozzle connectors from hose. To remove connectors, depress gray ring adjacent to the hose, and firmly pull out the hose.
- Unfasten velcro and reach inside the back PCS pocket and pull hose completely through its opening.
- Locate opening below other shoulder tunnel, push hose through the opening and all the way through the tunnel.
- Once the hose is in position on the opposite shoulder, reattach clip and mist nozzle connector to the hose. Be sure to fully seat hose in the connector.



- Secure hanging hose with velcro fasteners and leather clip directly below shoulder tunnels.
- Fully tighten waist cinch to accommodate the added weight of the PCS and water.
- Tuck excess hanging cords into the nearest pockets.
- Tighten hip cinch and use white fasteners inside the vest to secure excess hanging cords.

Water Usage

SPEED LEVEL	APPROX. CUPS PER HOUR OF USE
LOW SPEEDS	1.5 to 2.5 cups/hr
MEDIUM SPEEDS	2.5 to 5 cups/hr
HIGH SPEEDS	5 to 6.5 cups/hr

1 cup = 237 ml

Troubleshooting

- Check all hose connections when you first turn on the unit. Make sure all hoses are fully seated, otherwise, they may leak. If leak persists, trim leaking hose and reinsert.
- PCS is self-priming, may take a moment to begin siphoning.
- Vapor Lock (if PCS loses prime): open purge valve to expel air bubbles, once water is flowing freely, close purge valve and begin to mist.
- When unscrewing blue reservoir cap, black retaining handle should stay in place. If it detaches, pull reservoir out of vest, reconnect retaining ring to reservoir opening, and reinsert into vest. For further instructions, please visit our website
- If mist nozzle clogs: depress gray ring on elbow and remove nozzle. Forcefully tap clogged nozzle on a hard surface, like a countertop or a rock to dislodge debris. Reconnect nozzle and test system again. If problem persists, soak nozzle in CLR or other cleaning solvents, or visit our website for additional troubleshooting.
- With the pump running on higher speeds, it can be more difficult to adjust the nozzle direction. Turn the mist speed down to adjust it.
- Never forcibly pull hoses out of the ports without first depressing the grey (white on pump) quick disconnect rings.
- When you turn on the unit, it will start at a medium speed to prime the pump.
- After the PCS primes, turn to the desired speed.
- Point mist nozzle in front of you. If there is a side breeze, twist the nozzle into the breeze so the mist is blown back at you. Nozzle can be adjusted in all directions.
- To use PCS out of the vest, slip lanyard over any convenient object or attach velcro cover straps around a support. Insert short hose into any clean water source, clip mist line to a preferred structure.

Wireless Remote Guide • Maximum line of sight is approximately 30 feet.

- Press and hold buttons to use remote.
- Square icon is ON button; lock icon is OFF button.
- UP and DOWN arrows control speed of mist.
- Sliding cover protects buttons when not in use.
- Store remote in clear remote pockets for easy access.

Battery Pack Guide • Slide up PCS battery cover, remove the battery from PCS if desired before charging.

- Slide latch up and lift battery slightly, then firmly pull battery from its cradle.
- To reinsert the battery, slide latch-up, angle battery slightly downward and align the two tabs on the bottom of the battery pack, then push battery fully into place.
- Make sure the latch is slid closed.
- Press button on the front of battery pack to check battery level.
🔦 1-4 lights will illuminate to show charge level.
- Micro-USB port will charge the battery pack (left side).
- Power Bank USB port will charge other devices (right side).
- Battery lasts 4-12 hours depending on the speed of mist and optional output charging.

For cleaning instructions visit ExtremeMist.com/care-and-cleaning

PCS Information

- PCS Pump is NOT waterproof.
- Fully charge battery every (6) mos. or battery life may degrade.
- Pump lasts up to 1500 usage hours.
- Warranty: 1 year from purchase date.

To Learn More: www.ExtremeMist.com

Contact: Info@ExtremeMist.com or (602) 368-9625

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