

Quick Start Instructions

**NOTE:** Before first use, remove plastic battery blocker tab from pump.

- 1. Fully charge PCS Battery by inserting the charging cable (located in the pack’s pump compartment) into the Micro-USB port on the side of the battery pack. Charge is indicated by one to four illuminated lights on battery pack.
  - 2. Add water; pump is self-priming, but may take a few moments to siphon, open purge valve for quicker priming. To add water to reservoir: lift blue latches up, open reservoir, and fill. Ensure reservoir is sealed before fully closing blue latches - do not force them into place.
  - 3. Clip mist hose to the front of the pack. Clip remote to any accessible location, and use it to change the speed of mist as desired. May trim hose to desired length.
  - 4. Fill reservoir with clean water, turn PCS on, and you’re ready to mist!
- \*May add ice to reservoir for Drinking Water.

Pack Features



For cleaning instructions visit [ExtremeMist.com/Care-and-Cleaning](https://www.ExtremeMist.com/Care-and-Cleaning)

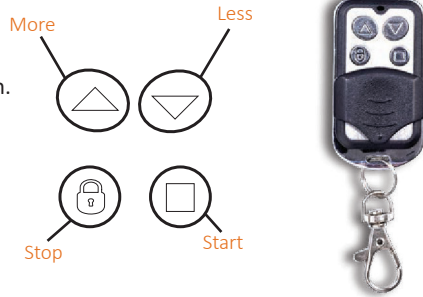
- PCS Information**
- PCS Pump is NOT waterproof.
  - **Fully charge battery every (6) mos. or battery life may degrade.**
  - Pump lasts up to 1500 usage hours.
  - Pump Warranty: 1 year from purchase date.

To Learn More: [www.ExtremeMist.com](https://www.ExtremeMist.com)  
Contact: [Info@ExtremeMist.com](mailto:Info@ExtremeMist.com) (602) 368-9625  
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Assembled in USA from components of USA and China.

Blue Pump Technology

Wireless Remote Guide

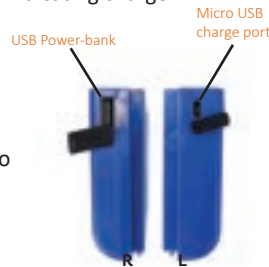
- Maximum line of sight is approx. 30 feet.
- Square icon is ON button, Lock icon is OFF button.
- Pump defaults to speed 4 when first turned on.
- UP and DOWN arrows control pump speed.
- Sliding cover protects buttons when not in use.
- Clip remote to a convenient location for easy access.



Battery Pack Guide

**NOTE:** Before first use, remove plastic battery blocker tab from pump.

- May remove battery pack from Pump system before charging.
- Slide latch up, lift battery, and firmly pull from cradle.
- To reinsert battery, slide latch up, align two tabs, insert bottom of battery into its cradle, push into place. Ensure latch is slid closed.
- Press button on front of battery pack, up to 4 lights will illuminate indicating charge.
- Micro USB Port will charge battery pack with PCS Charger.
- Output USB Port will charge other devices.
- Battery lasts 5-12+ hours depending on speed of mist and output charging.
- For fast charge, plug A/C adapter to wall outlet & connect to Micro USB on battery.
- To charge battery from other USB devices detach cord from A/C adapter & connect to Micro USB Port on battery.



Water Usage Per Hour 1 cup = 237ml

| PUMP SPEED    | CUPS PER HOUR    |
|---------------|------------------|
| LOW SPEEDS    | 1.5 to 2 cups/hr |
| MEDIUM SPEEDS | 2.5 to 5 cups/hr |
| HIGH SPEEDS   | 5 to 6.5 cups/hr |

\* Water usage increases slightly with 0.20mm nozzle head.



EXTREMIST®

PCS MISTING HYDRATION BACKPACK

User Manual

Congratulations on the purchase of your new ExtremeMist® Personal Cooling System (PCS) Backpack. The Ultimate Outdoor 2-n-1 Drinking and Misting Backpack. Use the PCS anywhere, in or out of the pack to greatly extend your summer outdoor activity. This guide contains all the information you'll need to Master the Mister!

System Includes



System Includes

- A. ExtremeMist® Backpack
- B. Water Reservoir w/ Drink Hose & Bite Valve
- C. PCS Pump w/ USB Power-bank, Rechargeable Battery & Remote Control
- D. Y Connector Plug
- E. Insulated Reservoir Cover
- F. Mist Nozzles (2)  
.020mm (Spare)  
.015mm (Installed)
- G. Purge Valve w/ L Connector
- H. Y Connector w/ Reducer
- I. Hose Clip
- J. USB Charger ( 2pc)
- K. Magnetic Hose Clip
- L. Misting Hose (2pc - 16”short & 32”Long)
- M. Straight Bladder Connector



Tips & Troubleshooting

- Check all hose connections to make sure they are fully seated.
- If desired, un-clip hose and aim mist directly at head/neck area for optimal cooling.
- 2 Nozzles included with kit. Use .015mm nozzle for water conservation on longer outings. Use .020mm for a more liberal mist spray for shorter outings.
- Position mist nozzle in front of you. Twist the nozzle fitting so that it is pointing into the breeze, ensuring that the mist will be blown back at you rather than away from you. Adjust the nozzle as the breeze changes direction. Aim nozzle up or down as desired.
- If hiking on level ground, consider aiming the nozzle at a level position directly in front of you. If hiking uphill, aim the nozzle slightly up; if hiking downhill, aim the nozzle slightly down.
- Make sure all hoses are fully seated otherwise they may leak. Check all connections when first turned on. If leak persists, trim leaking hose and re-seat.
- Upon first use, system may take a few moments to prime. To speed up the process, open Purge Valve to allow water to flow freely, close valve to allow water to fill hoses and begin misting.
- Never pull hoses out of Quick-Disconnect fittings without first depressing the gray or white Quick-Disconnect rings to release hose.
- If PCS loses it's prime (vapor lock) twist open Purge Valve to allow water to flow freely, then close.
- After ensuring input line is fully seated, and Pump doesn't draw water, remove hose from mist nozzle connector, turn Pump to high and draw (like a straw) on released hose to help prime Pump.
- Store in dry, convenient location for easy access. Charge PCS battery every 6 months if unused.
- Drain any remaining water from pump & hoses if storing in freezing conditions.

**IF MIST NOZZLE CLOGS** disconnect nozzle from the fitting, with Nozzle Head facing down on a solid surface, try tapping to clear any mineral crystals from Nozzle Head. If tapping is unsuccessful, unscrew Nozzle Head portion of nozzle (*always unscrew with nozzle up right, use caution not to lose small parts inside nozzle body*). Gently probe hole in white ceramic disk from **inside** portion of cap with fine needle. Nozzles can clog from minerals in tap water. If you can't clear the nozzle, soak per instruction of CLR or similar product to melt mineral crystals from nozzle. If still not spraying, unscrew Filter Section of nozzle, blow through the unscrewed bottom portion to clear Micro Filter. Filter may be removed for thorough cleaning.

**NOTE:** See “PCS Installation” video for clearing out the nozzles.

**WARNING:** Constantly monitor your water supply. Do not deplete your drinking supply by misting! Always bring more water than you think you need. Use PCS sparingly on longer hikes, taking care not to deplete drinking water. Store and use above freezing temperatures.



FCC ID: 2ATNCXTEMEMISTPCS

1) FCC Interference Statement (Part 15.105 (b))

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

2) FCC Part 15 Clause 15.21 [ Do not Modify warning ]:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

EXTREMEMIST®  
PERSONAL MISTING SYSTEM

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PCS 101  
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