



**TECHNICHE**  
PERFORMANCE, SAFETY, COMFORT

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# USER GUIDE

**COOLING  
PRODUCTS**



POWERED BY

**KEWLFLOW™**  
CIRCULATORY COOLING

KewlFlow™ vests effectively cool the body and remove heat energy by pumping cool water through a specially designed vest. Easily re-charged for continuous cooling. Available in back pack or cooler versions.

## Version: Cooler



**6429 Circulatory Cooling Vest**  
**Powered by KewlFlow™**

Color: Blue  
Sizes: S, M, L, XL-XXL



**6429C Circulatory Cooling Cooler**  
**Powered by KewlFlow™**

Size: 1 liter

Thank you for purchasing a KewlFlow™ Circulatory Cooling System.

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## TechNiche KewlFlow™ POWER SUPPLY OPTOINS:

- Option #1 ... 12V Connector
- Option #2 ... Converter for 110VAC
- Option #3 ... Battery Pack (Li-Ion Rechargeable)



## PRECAUTIONS: Cooler Use

Do not use anything but water (or water with a recommended cleaning agent) and ice (no dry ice) in the system.

Do not operate dry - extended dry operation may damage the pump and will void the warranty.

Do not put the entire inner container (with pump) into a freezer - the pump can be damaged if frozen. Power requirements are 10 to 15 Volts DC, 0.5 Amps maximum.

## FILLING

- 1) Unzip the cooler's outer shell and rotate the top backward.
- 2) Open the inner container by pushing down on the four locking tabs.
- 3) Fill with ice to the top of the container if desired.
- 4) Add at least 16 ounces of water for system circulation.
- 5) The pump is auto-priming if submerged in at least 2 inches of water.
- 6) When replacing the lid, ensure that the gasket in the lid is firmly seated along the entire top edge of the container.
- 7) Press down on the lid while engaging the four locking tabs.



## POWER CONNECTIONS & OPERATION

- 1) Pull the Power Switch out of the pouch on cooler.
- 2) Plug the other end of the External Power Cord into a 12V accessory power outlet, or a 110VAC to 12VDC adapter or Battery.
- 3) Turn the pump on using the Power Switch.
- 4) You may see a small stream of water coming from the outlet "stem" of the pump if the water level is below it. This is a normal function of the pump's self-priming feature.

## DRAINING WATER BEFORE REFILLING WITH ICE

There is no need to tilt the cooler over to drain out the water. Instead, follow these steps for an easier way to drain the cooler:

- 1) Disconnect the cooler hose from the vest.
- 2) Remove the lid from the inner container.
- 3) Switch the pump ON.
- 4) Press in on the tip of the male connector on the cooler hose with just the tip of your finger or fingernail to let the water stream out.
- 5) Leave an inch or more of water in the bottom of the cooler for circulation when refilling with ice.

## CLEANING

Add one teaspoon of chlorine bleach to two quarts of water and circulate through the cooler and vest before end-of-season storage and/or periodically to prevent build-up of potentially harmful micro-organisms.