



COOLVEST Lite System

Made in the U.S.A

Congratulations on your purchase of the world's finest Personal Cooling System

COOLVEST is the finest, most-widely used **Personal Cooling System** for surgeons and staff. Numerous studies have proven that warmer operating rooms help prevent patient hypothermia, thereby reducing post-operative infection and cardiac events. As a result, hospitals are keeping operating rooms warmer and the need for personal cooling of the surgeons and staff has increased. The COOLVEST System delivers temperature-controlled cooled water to the garment to help the user feel more comfortable and mentally alert, with less perspiration.

COOLSHIRT® Personal Cooling Systems are manufactured in the USA and contain the highest quality components available. With proper installation and maintenance, your system will provide you with years of dependable service. ***Please inspect your purchase to ensure that your system contains the selected components listed below. If there are any discrepancies, please contact COOLSHIRT SYSTEMS Customer Service at 800-345-3176 immediately.***

Included with your system:

| <u>Quantity</u> | <u>Part #</u> | <u>Description</u> |
|-----------------|---------------|---|
| _____ 1 | CTHSE | Cooling Unit 110V internal pump, Stainless Steel Cart |
| _____ 1 | H-8 | 8-foot insulated supply hose with quick disconnects |
| _____ 1 | CVS-size | Mid Waist (Sm, M, Lg, XL, XXL, XXXL) |
| _____ 1 | MA-16 | Maintenance Additive 16oz. |

System Specifications:

Dimensions
15.5"L x 10.5"W x13"H

Cooling Time
6+ hours

Dry Weight
6 lbs.

Power Required
110V/.040A UL pump

Instructions for use:

- 1) Add 1 gallon of water into the cooling unit. Fill the unit with block ice (preferable) or Cube ice to the top of the unit. Add 2oz of Maintenance Additive.
- 2) Connect Supply hose to cooling unit and the **COOLVEST®**. Listen for an audible “Click” - this ensures a sealed connection.
- 3) Plug green dot hospital plug into grounded 110V receptacle. .
- 4) Turn unit on with “ON/OFF switch. Cooling will begin in about 30 seconds.

Note: garment is worn over scrubs and under surgical gown.

Troubleshooting:

- 1) **Leaks:** Check to see if all fittings are properly connected. Listen for audible “click”
- 2) **Not Pumping:** recheck electrical connections.
- 3) **Water not flowing:** Check the hoses to be sure that your seatbelt or harness is not crimping the tubing. If the pump is running but not pumping water, add one more quart of water.

Maintenance:

- 1) Machine wash with detergent on the gentle cycle as necessary. Our **COOLVEST** is manufactured from hospital grade ventilated nylon which is machine washable. We recommend that the garment be laundered in a garment bag for machine washing. Water temperatures of up to 180F can be used to help insure that the garment is thoroughly disinfected. In addition, antibacterial/virus wipes or solutions can be used for further protection. However, please note that some disinfectant wipes & solutions can reduce the life of the vest.

Storage: Use **COOLVEST Flush Solution** every 30 days & for short or long term storage protection of your Ice/water COOLSHIRT System products.COOLVEST Flush Solution is specially formulated to protect your COOLSHIRT® garment & supply hoses from buildup that naturally occurs in closed loop water systems.Use 1 bottle of COOLVEST Flush Solution in 1 gallon of water & run system for 1 hour with COOLVEST garment attached.

Drain unit. Flush solution may remain in lines of COOLVEST garment & Supply Hose until next use.Use 2oz Maintenance Additive with 1 gallon of water & Ice when using COOLVEST System in the OR.