



Thank you for your purchase of the **CoolFlow[®] #HSARS Hot & Cold System**



Polar Products, Inc. has been a leader in the design and manufacture of cooling systems for over 25 years. Our systems provide high-quality and effective personal cooling and are used by medical professionals, the military and industrial workers throughout the world.

Please Note: Read all instructions and warnings before operating this system. Each Polar CoolOR[®] System has been fully tested in the factory with a distilled water and alcohol solution. There will be some residual solution in the vest.

Operating Instructions

- a) **CAUTION: Always begin with power supply unplugged.** Do not turn on the system until all connections are complete and the hose from the cooler to the vest / wrap is free from bends or restrictions, as this will restrict water flow through the system.
- b) **Cold operation:** Open the reservoir and fill with ice. **Add cold tap water to the fill line**
- c) **Heat operation:** Open the reservoir and fill with warm tap water. **TIP! DO NOT OVERFILL THE RESERVOIR WITH WATER.**
- d) Put on the vest or wrap and adjust for a snug fit. **CAUTION: Do not wear directly against the body. Always use an insulating layer between the vest or wrap and the skin.**
- e) Connect the couplings to the reservoir's insulated water lines. Breakaway couplings are simply pushed in place. If your female couplings have a metal tab, be sure to push in this tab before connecting. Couplings "click" when they are properly locked together.
- f) Plug power supply into the wall outlet. (see power supply label for voltage)
- g) The settings on the unit are COLD – when using ice water and HEAT – averages at 107 degrees F. It may be required to allow the unit to heat up for 10 minutes before use.
- h) Treatment session times must be recommended by your health care professional.
- i) Empty water for storage of the unit.

CAUTION: NEVER OPERATE THE UNIT WITHOUT WATER. This may cause pump failure.

Cautions and Warnings Danger: to reduce the risk of burns, adverse reactions, and malfunction, this product must be used in accordance with the following instructions.

1. Care must be taken to assure pads or wraps are not wrapped too tight
2. If numbness or burning occurs, discontinue use and consult your prescribing physician immediately
3. Monitor patients skin condition during therapy (every 20 minutes). Special care monitoring must be provided for children, patients on prolonged therapy, unconscious or incapacitated, diabetics, and those with poor circulation.
4. Cold therapy should not be used on patients with sickle-cell anemia, Raynaud's or other vasospastic disease, cold hypersensitivity, or compromised local circulation.
5. The frequency, length and direction of use of this system should be determined by your health care professional. If you have a special condition your doctor's supervision is recommended.
6. Heat or cold can burn nor irritate the skin. Always use an insulating layer between the wrap and the skin.
7. Do not apply heat to areas that are susceptible to developing bedsores.
8. Do not use heat for at least 48 hours after an injury. Consult your health care professional.
9. Risk of explosion if used in the presence of flammable anesthetics.

Care & Maintenance

The HSARS system will run on tap water. Distilled water will help keep the unit running cleaner than tap water, but it is not necessary to its operation

To clean the unit, fill it with water to the fill line then add a quarter cup of bleach or rubbing alcohol. Allow this to circulate through the unit for 10 minutes then drain and rerun again with tap water, then drain again. This should be performed every 6 months.

It is optimal to empty the water out of the hose and wrap. However, all water does not need to be removed from the therapy pad as it is difficult to do so.