



ELIMINATE  
HEAT INDUCED  
FATIGUE

The World Leader  
in Personal Cooling

## COOL SHIRT® Personal Cooling Systems

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

**COOL SHIRT® Personal Cooling Systems** are the finest *Personal Cooling Systems* available today. Used by companies in all levels of industry, this system delivers temperature-controlled cooled water to the user's shirt, keeping them comfortable, more productive, safer, mentally alert and helping prevent heat exhaustion.

**COOL SHIRT® Personal Cooling Systems** are manufactured in the USA and contain the highest quality components available. With proper care 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 COOL SHIRT Customer Service at 800-345-3176 immediately.*

### Included with your system:

Quantity	Part#	Size	Description
_____	I-D110-12		<b>Platinum Series</b> Club-12 Cooling Unit with pump and 12V / 110V Adaptor
_____	I-D110-24		<b>Platinum Series</b> Club-24 Cooling Unit with pump and 12V / 110V Adaptor
_____	I-B110-24		Reconditioned Club-24 Cooling Unit with pump and 12V / 110V Adaptor
_____	I-MPS-6		Multi-person Cooling Unit (up to 6 people) with pump and 12V / 110V Adaptor
_____	I-CS-24		<b>Platinum Series</b> Club-24 Cooling Unit with pump and 12V connection
_____	I-CS-12		<b>Platinum Series</b> Club-12 Cooling Unit with pump and 12V connection
_____	I-RS-10		10 Quart Round System Cooling Unit with pump and 12V connection
_____	I-CH-8		8-foot insulated temperature-controller hose with quick disconnects
_____	I-CH-10		10-foot insulated temperature-controller hose with quick disconnects
_____	I-CH-12		12-foot insulated temperature-controller hose with quick disconnects
_____	I-CH-20		20-foot insulated temperature-controller hose with quick disconnects
_____	I-HY-8		8-foot insulated Y-hose to connect up to two shirts
_____	I-RP-1		Resposable Cooling Poncho
_____	I-CW		<b>COOL SHIRT®</b> Cool Water shirt (Quantity/Sizes: __/__, __/__, __/__, __/__, __/__)
_____	I-CWH		Hooded <b>COOL SHIRT®</b> (Quantity/Sizes: __/__, __/__, __/__, __/__, __/__)
_____	I-BCW		<b>COOL BLUE</b> Shirt (Quantity/Sizes: __/__, __/__, __/__, __/__, __/__)
_____	I-NCW-LS		Long-Sleeve FireWear Nomex <b>COOL SHIRT®</b> (Quantity/Sizes: __/__, __/__, __/__, __/__)
_____	I-NCW-SS		Short-Sleeve FireWear Nomex <b>COOL SHIRT®</b> (Quantity/Sizes: __/__, __/__, __/__, __/__)
_____	I-PRC-2		Emergency Safety Pull Release Connector Kit
_____	I-UK-1		Universal Connector and Drain Kit
_____	Other (specify)	_____	

Order packed by: \_\_\_\_\_

## System Specifications

<u>Cooling Unit</u>	<u>Dimensions</u>	<u>Cooling Time Before Refill</u>	<u>Dry Weight</u>	<u>Power Required</u>
<i>I-D110-12</i>	14"L x 9.5"W x 11"H	3 hours	4 lbs.	12V or 110V
<i>I-D110-24</i>	15.5"L x 10.5"W x 13"H	6 hours	4 lbs.	12V or 110V
<i>I-B110-24</i>	16"L x 11.5"W x 13"H	6 hours	4 lbs.	12V or 110V
<i>I-CS-12</i>	14"L x 9.5"W x 11"H	3 hours	4 lbs.	12V or 110V
<i>I-CS-24</i>	15.5"L x 10.5"W x 13"H	6 hours	4 lbs.	12V or 110V
<i>I-RS-10</i>	8" Diameter x 13"H	2 hours	3 lbs.	12V or 110V
<i>I-MPS-6</i>	21"L x 21"H x 17"W	6+ hours	15 lbs.	12V or 110V

*Note: All electrical components (pump and 110V adaptor) have CE mark and are UL-approved.*

## Instructions for Use

- 1) Pour 1 gallon of water into the cooling unit. Fill the unit with block ice (preferable) or cubed ice to the top of the unit.
- 2) Put on the COOL SHIRT® next to your skin with the tubing facing out. Put on your other protective gear or uniform.  
and route the hoses outside of your gear via the side pocket or front zipper.
- 3) Connect hose to cooling unit and COOL SHIRT®. Listen for an audible "click" - that ensures a good connection. Turn the unit on.

## 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 seat belt or harness is not crimping the tubing. If the pump is running but not pumping water, add one more quart of water.

## Maintenance

- 1) **COOL SHIRT®:** Turn the shirt inside out and wash in washing machine on the gentle cycle in warm or cold water. Drip dry.
- 2) To prevent scum build-up and algae growth, once per month or just before long-term storage, add 8 ounces of rubbing alcohol to the cooling unit with ½ gallon of water and circulate through the hose and shirt. This can be done while using the system as well. Or drain the hose and shirt after each use with the Universal Connector & Drain kit (Part# I-UK-1)

*All products are guaranteed for one year from the initial date of purchase for defects in material and workmanship. If you have any questions, please call Shafer Enterprises Customer Service at (800)345-3176. We appreciate your interest in our personal cooling products.*

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