

Round System-10

Made in the U.S.A

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

The **COOLSHIRT Round System-10** is the finest Driver Cooling System available today. Used by drivers in all levels of racing, this system delivers comfortable cooled water to the driver's shirt, keeping the driver more comfortable, safe, and mentally alert, and helps prevent heat exhaustion.

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 components checked off below. If there are any discrepancies, please contact **COOLSHIRT SYSTEMS** Customer Service at 800-345-316 immediately.

Available Accessories:

<u>Quantity</u>	<u>Part #</u>	<u>Description</u>
_____ 1	H-12-S	12-foot insulated water hose with quick disconnects
_____ 1	MA-16	Maintenance Additive (16 oz bottle)

System Specifications:

Dimensions
RS-10: 8" Diameter x 13" H

Cooling Time
2 Hours

Dry Weight
3 lbs.

Power Required
Water Pump: 2.0A, 12V

Installation Instructions:

- 1) Mount the Cooling Unit at a convenient place in the racecar using your own fabricated mounting tray or by strapping the cooling unit directly to the racecar with eye hooks and straps.
- 2) Wire the cooler into a toggle switch or the **COOLSHIRT Temperature Control Switch** (Part#FC-1) Brown wire = positive, Blue wire = negative connection

Note: Do not allow the cooling unit to come into contact with any hot metals as this may damage the unit. For driver safety, before using the system, ensure that the cooling unit can be securely fastened to the racecar and that it will not break loose in the event of a crash.

Note: Ensure that the 12-foot water hose can reach the driver. Do not allow the hose to come into contact with any hot metals as this may damage the hose.

Instructions for use:

- 1) Pour 1 quart 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 COOLSHIRT next to your ski with the tubing facing out. Put on your driver's suit and route the hoses outside of your suit via the side pocket or front zipper.
- 3) Connect hose to cooling unit and COOLSHIRT. 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 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) **COOLSHIRT:** Turn the shirt inside out and wash in washing machine on the gentle cycle in warm or cold water.
- 2) Add 2 ounces of Maintenance Additive (MA-16) in the cooling unit with the ice and water each time the unit is used. This will keep the pump, hoses and shirt lines clear of the buildup that occurs naturally in water circulation systems and will increase the performance and lifetime of the pump. You can also drain the hose and shirt after each use with the Universal Connector & Drain Kit (Part# UK-8)