



ELIMINATE
HEAT INDUCED
FATIGUE

The World Leader
in Personal Cooling

COOL SHIRT® Air Blower System

Congratulations on your purchase of the world's finest Clean Air Blower System

The **COOL SHIRT® Air Blower System** is used by drivers in all levels of racing. This system delivers clean HEPA-4 filtered air to the driver's helmet, keeping the driver more comfortable, safe, 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 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 Shafer Enterprises Customer Service at 800-345-3176 immediately.*

Included with your system:

<i>Quantity</i>	<i>Part#</i>	<i>Description</i>
_____	1 BF-135	135 CFM Blower
_____	1 AIRH-4	4-foot x 1.5 inch clear air hose
_____	1 A-3X3	3 foot x 3 inch clear intake hose
_____	1 HEF-H	Hose-end fitting for the helmet
_____	1 FS-1	HEPA-4 Micron Air Filter and Screen
_____	1 F-10	HEPA-4 Air Filters – quantity of 10
_____	1 HEF-3	3" x 1.5" Blower Hose End

Available Accessories for your Clean Air Blower System:

<i>Part#</i>	<i>Description</i>
_____ FC-1	Temperature Control Switch with On/Off/Bypass
_____ FH-4	Blower Filter Housing 4" x 3"
_____ HEF-H-45	45 degree Helmet Hose Adaptor
_____ BF-235	235 CFM Blower
_____ CAS-12 or 24	Platinum Cool Air Unit with heat exchanger
_____ MT-24	Powder-coated Mounting Tray with tie-down strap
_____ Other (specify)	_____ Order packed by: _____

System Specifications

	<u>Dimensions</u>	<u>Dry Weight</u>	<u>Power Required</u>
BF-135:	3" Diameter	.5 lbs.	12V



Clean Air Blower System (ABS-C)

Installation Instructions

BLOWER (Part #: BF-135)

- 1) Select the cockpit location for the blower and permanently mount the blower to the racecar using any appropriate hardware (not provided).
- 2) Make sure that the 3-inch air intake is pointed towards the outside of the car. Place filter and screen and fasten with a tie-wrap or clamp (not provided). **CAUTION: DO NOT OVER TIGHTEN as this can cause damage to the fan blades.**
- 3) Connect blower to a 12V power source.

INTAKE AIR HOSE and HELMET AIR HOSE

(Part #: A-3x3)

(Part #: AIRH-4)

- 1) Determine the length of 3-inch hose needed to pick up outside air and cut the hose to the appropriate length.
- 2) Slide one end of the 3-inch hose over the intake side of the blower. If you have a NACA duct, connect the hose to the duct appropriately.
- 3) Attach the other end to blower using the 3-inch blue adaptor provided.
- 4) Attach the 1½ Helmet Air hose to the blue adaptor already attached to the other side of the blower.
- 5) Determine length of 1½ inch hose needed to connect to the driver's helmet and cut the hose to the appropriate length.
- 6) Attach to the helmet with the blue adaptor provided.

TEMPERATURE CONTROL SWITCH (Part #: FC-1)(Optional Item)

- 1) Select the location for the Temperature Control Switch and permanently mount the switch to the racecar using any appropriate hardware (not provided). The switch has a faceplate that allows for convenient in-dash mounting or it may be mounted at any location that is accessible by the driver. Follow instructions included with FC-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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