


SECTION 1 – HELMET COOLER SAFETY PRECAUTIONS – READ BEFORE USING

 Protect yourself and others from injury — read, follow, and save these important safety precautions and operating instructions.

1-1. Symbol Usage

Helmet Cooler 2011–10



DANGER! – Indicates a hazardous situation which, if not avoided, will result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.

 Indicates special instructions.



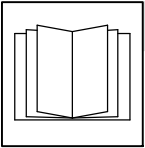
Indicates a hazardous situation which, if not avoided, could result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.

This group of symbols means Warning! Watch Out! **ELECTRIC SHOCK, MOVING PARTS, and HOT PARTS** hazards. Consult symbols and related instructions below for necessary actions to avoid the hazards.

NOTICE – Indicates statements not related to personal injury.

1-2. Hazards

 Only qualified persons should install, operate, maintain, and repair this unit.



READ INSTRUCTIONS.

- Read and follow all labels and the Owner's Manual carefully before installing, operating, or servicing unit. Read the safety information at the beginning of the manual and in each section.

- Use only genuine replacement parts from the manufacturer.
- Perform maintenance and service according to the Owner's Manuals, industry standards, and national, state, and local codes.



HELMET COOLER MISUSE can be hazardous.

Welding produces fumes and gases. Breathing these fumes and gases can be hazardous to your health.

- Read and follow these instructions and the safety labels carefully. This product is intended for use as a cooling device only. It is not a respiratory protective device and does not protect the user from airborne contaminants. Have an industrial hygienist test the air in your facility to determine if respiratory protection is required to provide adequate protection from contaminants in your environment. With cooling system-equipped helmet on your head and cooling system operating, also test the air inside the helmet to determine if respiratory protection is required. If you have questions about the type of respiratory protection equipment required, consult your safety director and a certified Industrial Hygienist.
- Do not use this product where there is danger of fire or explosion.
- Do not use this product in windy conditions or negative pressure inside the hood may draw in contaminants from the outside air.
- Do not use this product without a properly installed spark guard unless the unit is designed and intended to be used without one. Without the spark guard (on applicable products), welding sparks may ignite the filter or damage the filter.
- This product does not supply oxygen. Do not use this product where oxygen levels are 19.5% or lower, where contaminant levels are unknown or are immediately dangerous to life or health (IDLH), or where the contaminant levels exceed the equipment specifications.
- Do not enter a work area until you are sure the equipment is correctly assembled, working properly, and properly worn.

- Before each use, inspect the equipment for damage and verify it operates properly.
- Dangerous contaminants may not smell or be visible. Leave the area immediately if you notice the following:
 - ... Breathing becomes difficult.
 - ... You experience dizziness, impaired vision, or eye, nose, or mouth irritation.
 - ... The equipment is damaged.
- Do not repair, modify, or disassemble this product or use with parts or accessories not supplied by the manufacturer.
- Do not operate unit without properly installed filter(s). Replace damaged or clogged filters. Do not wash or reuse filters. Do not clean filters by tapping or with compressed air or filter elements may be damaged.
- Do not restrict or alter helmet cooler air flow. Do not block air inlet or outlet. Be sure safety glasses, hair, weld cap, and other objects do not block air flow.
- This product contains electrical parts which have not been evaluated as an ignition source in flammable or explosive atmospheres by MSHA/NIOSH.

1-3. Proposition 65 Warnings



Welding or cutting equipment produces fumes or gases which contain chemicals known to the State of California to cause birth defects and, in some cases, cancer. (California Health & Safety Code Section 25249.5 et seq.)



This product contains chemicals, including lead, known to the state of California to cause cancer, birth defects, or other reproductive harm. *Wash hands after use.*

1-4. Principal Safety Standards

Safety in Welding, Cutting, and Allied Processes, ANSI Standard Z49.1, is available as a free download from the American Welding Society at <http://www.aws.org> or purchased from Global Engineering Documents (phone: 1-877-413-5184, website: www.global.ihs.com).

Safe Practice For Occupational And Educational Eye And Face Protection, ANSI Standard Z87.1, from American National Standards Institute, 25 West 43rd Street, New York, NY 10036 (phone: 212-642-4900, website: www.ansi.org).