

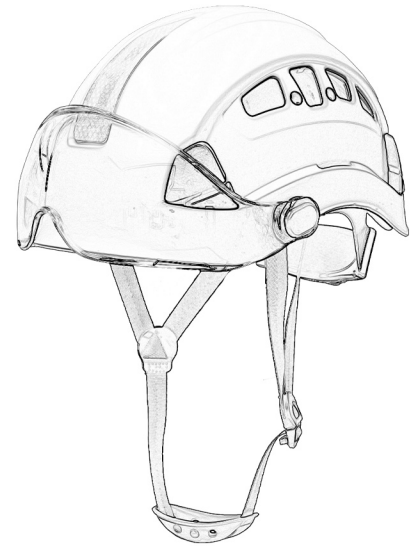
H1 Series Instruction For Use

INTRODUCTION

Thank you for purchasing the Defender Safety H1CH Safety Helmet! The H1 line is a Safety Helmet that is designed to protect the user against falling objects and impacts.

The H1CH exceeds the EN 397:2012+A1:2020, EEC Directive 89/686/EEC and ANSI Z89.1-2014 Performance standards.

Please read the instructions and warning below before using your safety helmet, as the information is critical to your safety.



UNDERSTANDING SAFETY HELMET CLASSES AND TYPE

There are a variety types of head protection in today's market ranging from hardhats to safety helmets. Within these types, they are sorted by Classes and Types. While it can be overwhelming to determine which is best for you, this section will help you try to understand them as short and simply as possible.

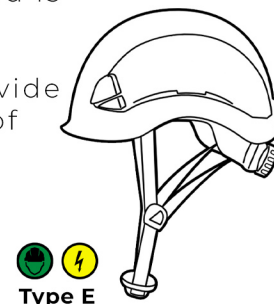
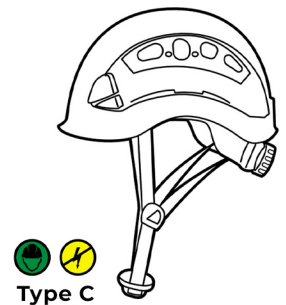
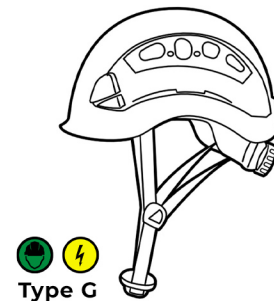
To determine the protection level of a helmet there are two types and three classes. The two types are the Type 1 and Type 2 helmet. Type 1 focuses primarily on protection of the top portion of the helmet, whereas Type 2 focuses on both top and sides of the helmet.

Within each type there are 3 classes. Consumer (C), Electric (E), and General (G).

Consumer Helmets offer the most comfort with its open vent design, allowing more airflow to the user. Type E offers the most protection against Electric Shock, with it able to withstand up to 20,000 Volts. Type G offers less electric protection than E, and is intended to be used in exposure to low voltage settings.

The H1-CH is a Type 1 Class C helmet, and is designed to provide Protection to users while also providing comfort in periods of high temperature settings.

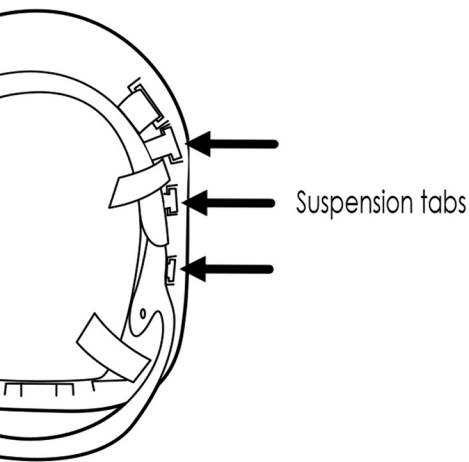
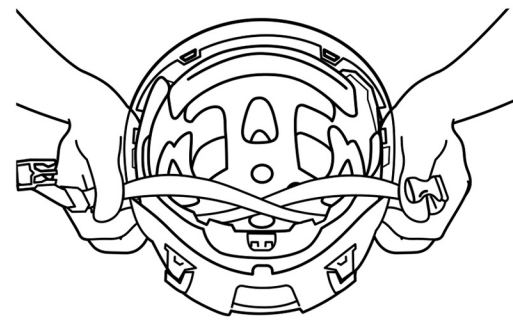
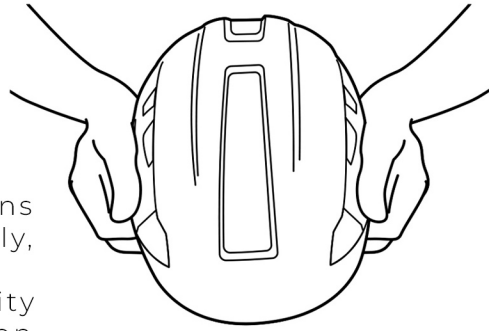
The H1-EH is a Type 1 Class E helmet, and provides both top protection and electrical protection of up to 20,000V (phase to ground).



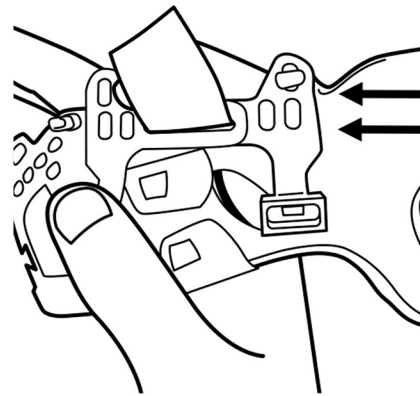
BEFORE PUTTING ON THE HELMET

Always observe for any cracks or damages before wearing the helmet. If found, dispose of the helmet immediately. Inspect the shell for breakage, cracks, craze pattern, discoloration, chalky appearance, or any other unusual condition. If any of these conditions exist, replace the shell immediately, as these conditions can indicate that the helmet has lost its capacity to protect from impact, penetration, and/or electrical shock.

Check the suspension for loss of flexibility. Check the suspension for cracks, breaks, frayed straps, or damaged stitching. If any of these conditions exist, replace the suspension before wearing a helmet.



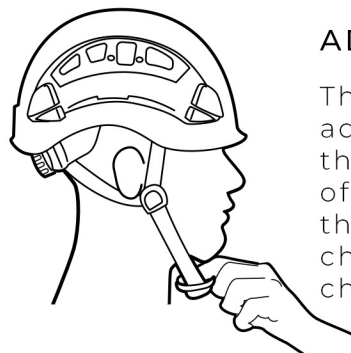
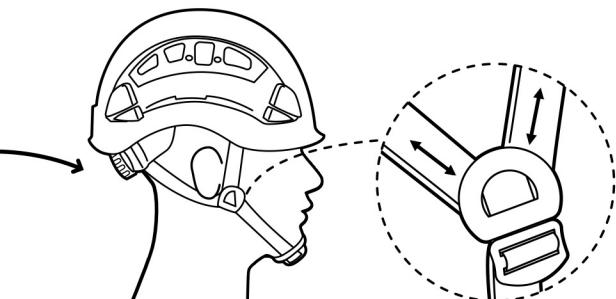
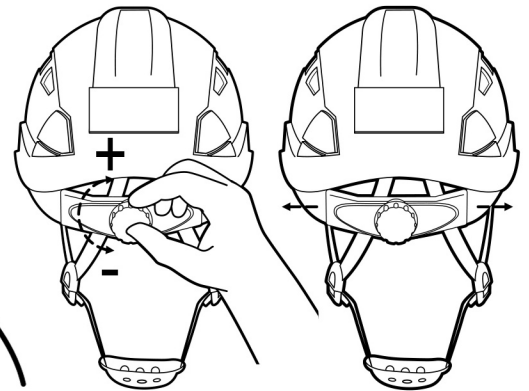
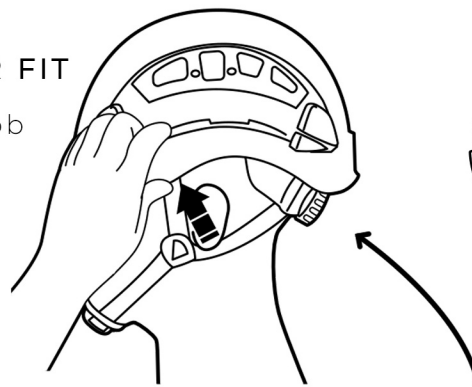
ADJUSTING THE HEIGHT OF THE HELMET'S SUSPENSION



To adjust the height of the suspension, apply sufficient force and pull on the side tabs of the suspension from both sides. Once removed, adjust the pin of the suspension to the specific hole desired. Once the pins have been placed, slot the suspension back into the helmet, ensuring that there is a proper click when fitted in.

ADJUSTING THE RATCHET FOR FIT

To adjust the ratchet, use the knob to loosen or tighten the fit of the helmet. This helmet must fit securely on the head to provide maximum protection.



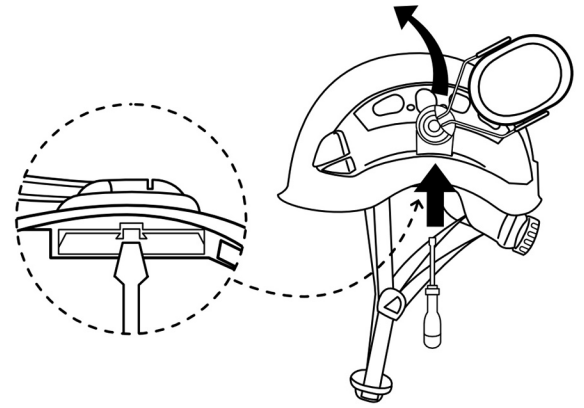
ADJUSTING THE BUCKLE

The length of the buckle can be adjusted using the adjustment clip that can be found on the right side of the helmet when donning. Adjust the length of the buckle so that the chin-cup fits securely to the user's chin.

ADDING AND REMOVING HELMET ACCESSORIES

Ear Muffs

To attach the ear muffs, locate the slot points which can be found on the sides of the helmet. Slide the ear muff tab firmly and ensure a click noise is made when slotted in. To remove the earmuffs, flip the helmet upside down and press the bottom tab of the attachment point to release and then pull the ear muffs away.



Visors/Face shield

Place the helmet upside down with the ratchet facing towards you. Locate the 2 holes on the helmet. Align the left clips labeled "L1" on the inner right of the helmet, and the "L2" clipped on to the outer right side. The clips must align with the hole of the helmet. Repeat the process for the left side of the helmet with the "R1" and "R2" pieces.

Place the visors over the outside of the clip and ensure the visors are locked in with the nose piece facing up. Once placed, use a screwdriver to tighten the screw from the inside. It is recommended to not use an electric screwdriver as the torque can cause cracks on the attachment points. Avoid over tightening.

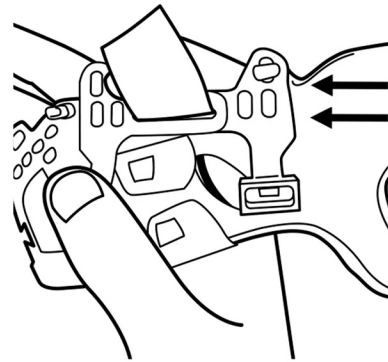
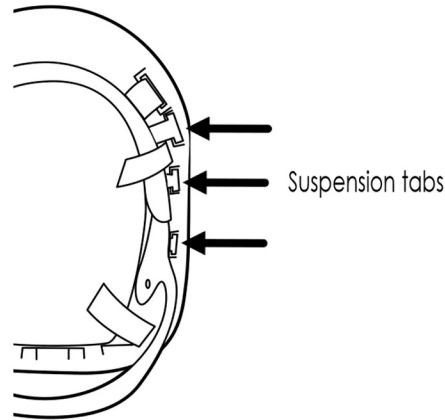


Suspension

To remove the suspension, press each of the 4 clips upwards until they slide off the mask. Remove the strap of each clip.

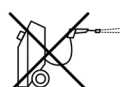
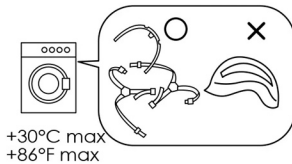
Flip the helmet upside down, and apply sufficient pressure to remove the 6 tabs of the suspension.

To add the suspension, connect the straps to the suspension. Then connect the suspension tabs to the helmet.



CLEANING AND MAINTAINING YOUR HELMET

Inspect your safety helmet shell and suspension regularly for any sign of cracks, frayed straps, or any sign of damage. Replace if found. If the Safety Helmet has sustained a forcible impact, dispose of the helmet even if damage is not visible. Clean with mild detergent/disinfectants in lukewarm water. Avoid using abrasive chemicals, paints, or any other solvents as they may destroy the impact resistance along with any other protective properties.



STORAGE AND SHELF LIFE

Store in a container with foam/paper cushion away from direct sunlight to avoid damage. Suspension should be replaced after every 12 months of use. Always replace the helmet if it withstood an impact or penetration. If the helmet was used in an outdoor setting everyday without any impact then discard after 2 years of use. If used indoors and for occasional use, replace every 5 years.

WARNING

Failure to follow these instructions may result in serious personal injury or death. Type C helmets are NOT to be used in an Electrical Environment setting, Type E are. Type 1 helmets are tested only at the top portion of the helmet, for side protection Type II helmets are to be used. Never store any items between the suspension and helmet. Never alter, modify this helmet in any way or use it as a vehicle or sports helmet