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GREEN DEVIL Mervex Vent 02

GREEN DEVIL Mervex Vent 02 Series Industrial Safety Helmet User Manual

Model: Mervex Vent 02

1. Introduction

Thank you for choosing the GREEN DEVIL Mervex Vent 02 Series Industrial Safety Helmet. This manual provides essential information for the proper use, adjustment, maintenance, and care of your safety helmet. Please read these instructions carefully before using the helmet to ensure maximum protection and comfort. This helmet is designed to meet ANSI Z89.1-2014 Type I Class C standards and CE (EN397:2012 -20°C) approval, providing reliable head protection against impacts and falling objects.

2. Safety Information

Your safety is paramount. Adhere to all local, state, and federal safety regulations. This helmet is designed to protect against specific hazards. Always inspect your helmet before each use.

2.1 General Safety Guidelines

- **Inspection:** Before each use, inspect the helmet shell, suspension system, and chinstrap for any signs of damage, cracks, dents, or wear. Do not use a damaged helmet.
- **Fit:** Ensure the helmet is properly adjusted for a secure and comfortable fit. An improperly fitted helmet may not provide adequate protection.
- **Cleaning:** Clean the helmet regularly with mild soap and water. Avoid harsh chemicals, solvents, or abrasive materials that can degrade the helmet's material.
- **Storage:** Store the helmet in a cool, dry place away from direct sunlight, extreme temperatures, and chemicals.
- **Modification:** Do not modify or alter the helmet in any way, as this can compromise its protective capabilities and void certifications.
- **Accessories:** Only use accessories approved by GREEN DEVIL for this helmet model.
- **Replacement:** Replace the helmet immediately after any significant impact, even if visible damage is not apparent. The protective properties may be compromised.

This helmet meets ANSI Z89.1-2014 Type I Class C standards, indicating it provides protection against top impacts and is electrically conductive (not insulated).



Image: Certifications for the GREEN DEVIL Mervex Vent 02 Series Safety Helmet, highlighting compliance with ANSI Z89.1-2014 Type I Class C and CE (EN397:2012 -20°C) standards.

3. Product Overview

The GREEN DEVIL Mervex Vent 02 Series Safety Helmet is engineered for comfort and protection in various work environments. Constructed from high-impact penetration-resistant ABS material, it offers a lightweight yet robust design.

3.1 Key Features

- **Material:** High-impact penetration-resistant ABS outer shell.
- **Ventilation:** Sliding vent holes for adjustable airflow, enhancing comfort in varying weather conditions.
- **Suspension System:** Adjustable 6-point suspension for improved shock absorption and overall comfort.
- **Sweatband:** Replaceable soft Egyptian cotton core sweatband with porous coating for maximum sweat absorption.
- **Chinstrap:** Comfortable and convenient chinstrap with a molded chin-cup for extra security and stability, easily removable.
- **Adjustment:** Rapid-Dial ratcheting headgear for one-handed adjustment, even with gloves on.
- **Visibility:** Hi-Viz reflective decals on the front, rear, and sides for increased visibility in low light conditions.
- **Accessory Slots:** Multiple attachment points for various hard hat accessories (sold separately).
- **Size:** One adjustable size fits most, ranging from 53-63cm (20.86-24.80 inches).



Image: The GREEN DEVIL Mervex Vent 02 helmet, illustrating the sliding vent holes for air circulation, allowing cold air in and hot air out.

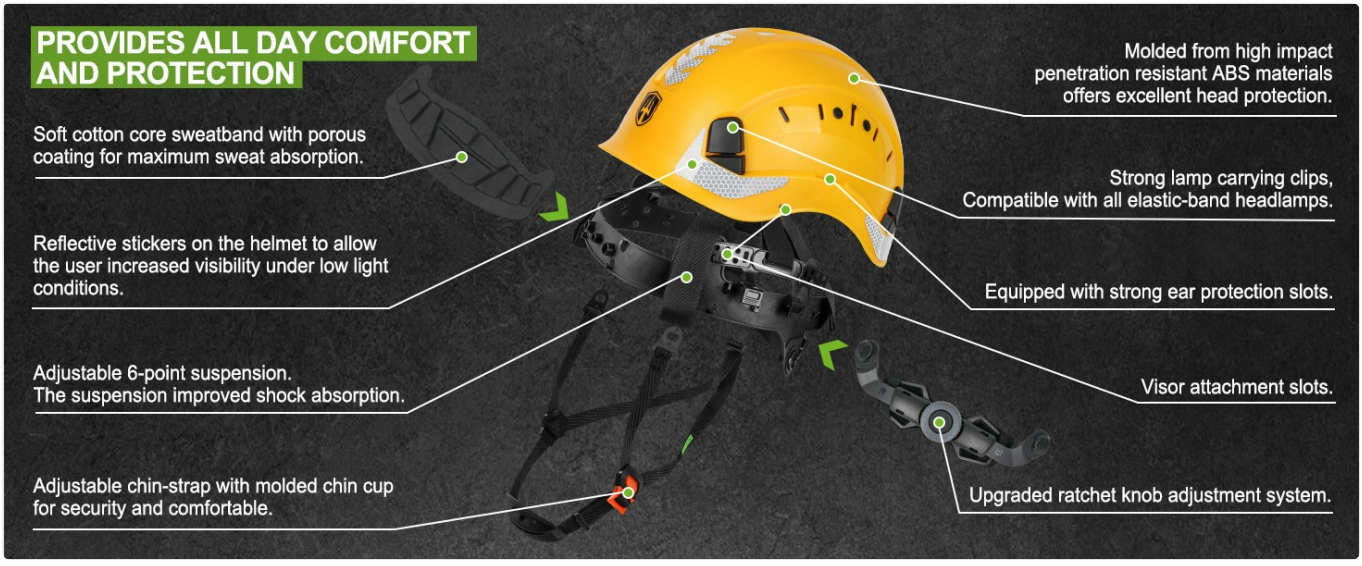


Image: Detailed breakdown of the GREEN DEVIL Mervex Vent 02 helmet's features, including the ABS shell, 6-point suspension, sweatband, chinstrap, and accessory slots.

3.2 What's in the Box

- 1 x Safety Helmet
- 1 x Helmet Liner
- 1 x Customized Drawstring Storage Bag
- Instructions (this manual)

4. Setup and Adjustment

Proper adjustment of your helmet is crucial for both comfort and protection.

4.1 Suspension System Adjustment

1. Place the helmet on your head.
2. Locate the Rapid-Dial ratcheting headgear at the back of the helmet.
3. Rotate the dial clockwise to tighten the suspension system for a snug fit.
4. Rotate the dial counter-clockwise to loosen the system.
5. Adjust until the helmet feels secure without being uncomfortably tight. The helmet should not wobble when you move your head.



Image: The internal 6-point suspension system and adjustable ratchet mechanism of the GREEN DEVIL Mervex Vent 02 helmet, designed for shock absorption and a comfortable fit.

4.2 Chinstrap Adjustment

1. Fasten the chinstrap buckle under your chin.
2. Adjust the straps on both sides to ensure the molded chin-cup sits comfortably and securely under your chin.
3. The chinstrap should be snug enough to prevent the helmet from shifting during movement but not so tight as to cause discomfort.
4. The chinstrap is removable for cleaning or replacement.



Image: Close-up of the GREEN DEVIL Mervex Vent 02 helmet, detailing the reflective decals for visibility, the ratchet knob for headgear adjustment, and the adjustable chinstrap with a molded chin cup for security.

4.3 Helmet Liner Installation

The helmet liner provides additional comfort and sweat absorption. Install it by aligning it with the interior of the helmet and securing it to the suspension system as designed. Ensure it lies flat and does not interfere with the suspension or fit.

5. Operation and Usage

5.1 Wearing the Helmet

Once adjusted, wear the helmet so that it sits level on your head, covering the top and sides of your head adequately. The brim should be positioned forward to provide protection to the face.



Image: A worker wearing the GREEN DEVIL Mervex Vent 02 Series Safety Helmet, demonstrating proper fit and usage in a job site setting.

5.2 Using the Sliding Vents

The Mervex Vent 02 features sliding vent holes. To open the vents for increased airflow in hot conditions, slide the covers to expose the openings. To close them, slide the covers back into position to reduce airflow, useful in colder or dusty environments.



Image: The sliding vent holes on the GREEN DEVIL Mervex Vent 02 helmet, illustrating how to open and close them for temperature regulation.

5.3 Attaching Accessories

The helmet includes accessory slots for attaching compatible items such as earmuffs, face shields, visors, and headlamps. Ensure any attached accessories are securely fastened and do not interfere with the helmet's fit or protective function. Refer to the accessory's instructions for proper attachment.



Image: The GREEN DEVIL Mervex Vent 02 helmet with labeled accessory attachment points (A, B, C, D) and examples of compatible accessories like visors, safety glasses, earmuffs, and headlamps.

6. Maintenance and Care

6.1 Cleaning

- Clean the helmet shell and suspension system with mild soap and warm water.
- Use a soft cloth or sponge. Do not use abrasive brushes or pads.
- Rinse thoroughly with clean water and air dry completely before storage or next use.
- The helmet liner and chinstrap can be removed and hand-washed with mild soap, then air dried.
- Avoid using harsh detergents, solvents, or petroleum-based cleaners, as these can weaken the helmet material.

6.2 Inspection

Regularly inspect all components of your helmet:

- **Shell:** Check for cracks, deep scratches, gouges, discoloration, or any signs of impact.

- **Suspension:** Examine straps for fraying, tears, or loss of elasticity. Check plastic components for cracks or deformation.
- **Chinstrap:** Look for wear, tears, or damage to the buckle and chin-cup.
- **Vents:** Ensure sliding mechanisms operate smoothly and vents are free of debris.

If any damage is found, replace the affected component or the entire helmet immediately.

6.3 Storage

Store the helmet in the provided drawstring bag in a clean, dry environment, away from direct sunlight, extreme temperatures, and corrosive chemicals. Do not store heavy objects on top of the helmet.

7. Troubleshooting

Problem	Possible Cause	Solution
Helmet feels loose or wobbly.	Suspension system not tightened sufficiently.	Adjust the Rapid-Dial ratcheting headgear clockwise until snug.
Helmet feels too tight or uncomfortable.	Suspension system overtightened.	Adjust the Rapid-Dial ratcheting headgear counter-clockwise to loosen.
Chinstrap is uncomfortable or ineffective.	Improper chinstrap adjustment or damage.	Adjust chinstrap for a secure, comfortable fit. Inspect for damage and replace if necessary.
Vents are stuck or difficult to open/close.	Debris in vent mechanism or minor damage.	Clean vents thoroughly. If still stuck, inspect for damage.
Visible damage to helmet shell or suspension.	Impact or wear and tear.	**Immediately discontinue use and replace the helmet.**

8. Specifications

Feature	Detail
Brand	GREEN DEVIL
Model Name	Mervex Vent 02
Material Type	Acrylonitrile Butadiene Styrene (ABS)
Size	Adjustable Universal Size (53-63cm / 20.86-24.80 inch)
Closure Type	Ratchet
Item Weight	0.62 Kilograms
Certifications	ANSI Z89.1-2014 Type I Class C, CE (EN397:2012 -20°C)
Included Components	Safety helmet, helmet liner, drawstring storage bag, instructions

9. Product Videos

9.1 GREEN DEVIL Mervex Vent 02 Series Industrial Safety Helmet Overview

▶ **Watch video online**
GREEN DEVIL Mervex Vent 02 Series Industrial safety helmet

Video: A brief overview demonstrating the features and design of the GREEN DEVIL Mervex Vent 02 Series Industrial Safety Helmet.

9.2 GREEN DEVIL Mervex Vent 02 Series Safety Helmet Features

▶ **Watch video online**
GREEN DEVIL Mervex vent 02 series Safety Helmet

Video: A more detailed presentation of the GREEN DEVIL Mervex Vent 02 Series Safety Helmet, showcasing its various features and benefits.

10. Warranty and Support

For warranty information or technical support, please refer to the GREEN DEVIL official website or contact your retailer. Keep your purchase receipt as proof of purchase.
Manufacturer: GREEN DEVIL SAFETY

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