User Instructions

Gaiter 2391-02

CAUTION

User Instructions, P/N 08023040, must be thoroughly read and understood before using any MAXAIR CAPR System. (Included with each shipped CAPR IH Helmet and at maxair-systems.com, Resources, User Instructions.)

REF 2391-02

P/N 03731051

Symbol Definitions

Warning, Caution, or Note

REF Catalog Number

P/N NIOSH Number

WARNING

Use only if package is received unopened and contents are undamaged. If damage is noted, contact the shipper for replacement or repair.

DO NOT use if any component is damaged. If any components are damaged or contaminated and therefore unfit for safe and effective use, they should be replaced immediately.

Failure to follow User Instructions P/N 08023040 and the instructions contained herein may be hazardous to the user's health.

Only trained and experienced personnel who have read and understand the User Instructions should use MAXAIR Products.

Prior to using any MAXAIR® System or component, be sure to be familiar with the system's NIOSH approved configuration.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory requirements. Bio-Medical Devices Intl, Inc. does not recommend the appropriate systems for a particular institution or facility.

Use only MAXAIR NIOSH approved respirator configurations.

NOT for use in atmospheres immediately dangerous to life or health (IDLH), and atmospheres containing less than 19.5% oxygen or more than 25% oxygen

Flammability Level I: fabric may burn if exposed to open flame.

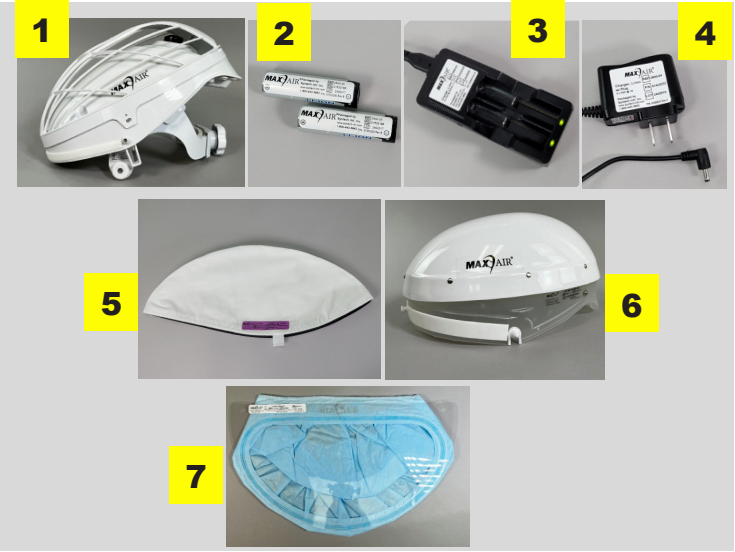
Follow current local regulations governing biohazard waste to safely dispose of single use MAXAIR Products.

If you need more information, contact your BMDI Sales Representative, or call BMDI customer service at 1-800-443-3842.

Intended Use

The MAXAIR 2391-02 is a disposable full facepiece cover. It is a component of a NIOSH approved PAPR100-N system that filters incoming aerosolized and droplet particulates. It is to be donned with a 2086-03 MAXAIR CAPR® Helmet with an installed PAPR100-N Filter. The Helmet is to be powered by a MAXAIR Li-Ion Battery.

CAPR-IH Base System, Filter, Filter Cover Cap (FCC), and Gaiter



1. 2086-03 Helmet with 2051-08 Cage, 2071-20 Headband, and 2099-26 Hangers	2. 2500-25 Batteries (2-pack)
3. 2600-03 Battery Charger	4. 2600-04 Battery Charger
5. 2181XP-100 Filter	6. 2061-11 Filter Cover Cap (FCC)
7. 2391-02 Gaiter	

The 2400-208 Peel Away Lens is an accessory for the system.
The 2099-21 Chinbar is an accessory for the system.

Specifications

MAXAIR Recommended System Temperature Limits:

Use/Handling: 0°C to 54°C at a maximum 80% Relative Humidity.
Charging: 0°C to 45°C at a maximum 80% Relative Humidity.
Storage: 0°C to 35°C at a maximum 80% Relative Humidity.

All MAXAIR Systems, components, and disposables are latex free.

Materials

Lens is Polycarbonate
Cuff is Meltblown

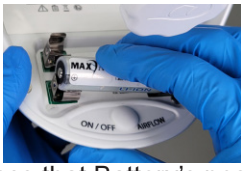
Regulatory

PAPR100-N

Assemble the Batteries to the Helmet

1. Grasp the Battery Compartment Cover and pull it up and off the Helmet.

2. Place the negative "-" end of one of the 2500-25 batteries into one of the right side spring holders and push down so it is fully seated against the Helmet.



3. Press that Battery's positive "+" end down similarly into the left side spring holder.

4. Repeat steps 2 and 3 for the second Battery for additional run time.

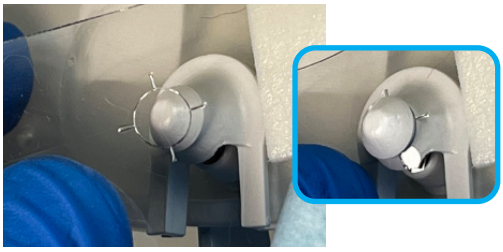
5. Place the Battery Compartment Cover snaps over the respective Helmet snaps and secure and snap and secure the cover firmly to the Helmet.

Assemble Gaiter to the Helmet with Filter and FCC Assembled

CAUTION

Before assembling the Gaiter ensure the CAPR Helmet has the 2099-26 Hangers, 2181XP-100 Filter, and 2061-11 Filter Cover Cap (FCC) installed. Refer to User Instructions shipped with each product and available at maxair-systems.com, Resources, User Instructions.

1. With the blank side of the Gaiter Label facing forward on the Helmet's right side and the FCC front Turnclip horizontal, place the Gaiter front Lens Mount Hole over and on to the FCC front Mount Turnclip. Press firmly down all around to ensure a secure fit. Turn the Turnclip vertical to lock the Lens in place. Pull the front top edge of the Gaitor fully up and over the Turnclip



2. Place each Gaiter side Lens Mount Hole over each respective FCC side Lens Mount, and press the Lens fully down all around the Lens Mount. Typically a slight audible click will indicate the lens is fully down. Ensure all three Lens Mounts are fully secured to the FCC.

3. Pull the bottom elastic edge of the Gaiter under and to the back side of the Lens, all along the lower edge of the Lens (inwards towards the Helmet).

4. Grasp the rear elastic edge of the Gaiter, lift it up over the Helmet and fully down in back.

5. Place one side of the Gaiter bottom elastic edge over that side Hanger (elastic over the top edge of the Hanger Wheel, just below the bottom edge of the Helmet). Repeat for other side. The Hangers are to be positioned forward of the Side Tabs.

CAUTION

The Hangers are to be positioned forward of the Headband Side Tabs.

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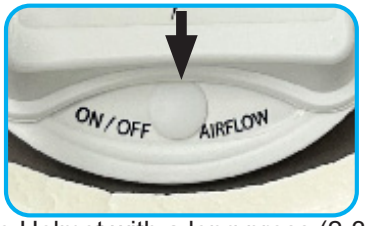
Power on the Helmet and Don the Helmet with Gaiter

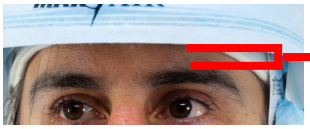


1. Power on the Helmet with a long press (2-3 seconds) of the On/Off Switch. Cycle to the desired speed by sequential short presses (<1 second), pausing between presses to allow the motor to adjust to each new setting. (When first powered up, the Helmet runs at the speed last selected on its previous use.)

2. Loosen the Headband Ratchet Knob fully counterclockwise, and pull the front Gaiter bottom down and back under the chin while pulling the Helmet over and down on the head.

3. Tighten the Ratchet Knob (clockwise). Pull the back bottom of the Gaiter down over the Ratchet Knob so that it rests against the neck. Ensure a tight but comfortable fit for all activities.

4. Slide fingers all along between Gaiter Cuff and face from temples down, pulling the Cuff back to the neck to ensure good fit.



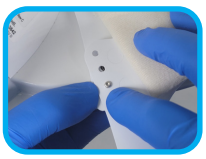
CAUTION

Optimum donning is when the helmet is secure on the head for all required movements and there is good visualization of the LED Safety Status Indicators in the upper peripheral vision.

5. Position the Helmet so that the front headband is within about ½ inch of the eyebrows and the rear headband is resting under the occipital bone above the vertebrae on the neck, and then tighten the Headband Adjustment Knob clockwise to ensure the most secure fit of the helmet on the head for all activities. Do not over tighten to cause discomfort.

CAUTION

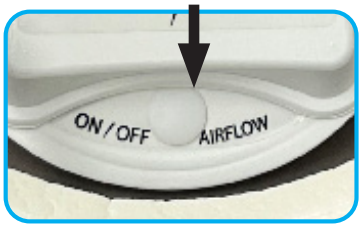
For security and comfort, it may be necessary to change the Headband Height Adjustment, which raises and lowers the rear headband and the Helmet angle with respect to the head and positions the Lens from the chin. Unsnap the Adjustment Tabs on each side of the Headband and reposition upward or downward. Be sure both Height Adjustment tabs are in the same position.



Doff the Helmet with Gaiter and Power Off the Helmet

1. Loosen the Headband Ratchet Knob counterclockwise.

2. Lift the Helmet up, forward, and off the head.



3. Power off the Helmet with a long press (2-3 seconds) of the On/Off Switch.

Disassemble the Gaiter from the Helmet

1. Lift each side of the Gaiter up and off each side Hanger.

2. Lift the Gaiter back up and over the Helmet towards the Helmet front.

3. Pull the Gaiter all the way forward and down on the front of the Helmet.

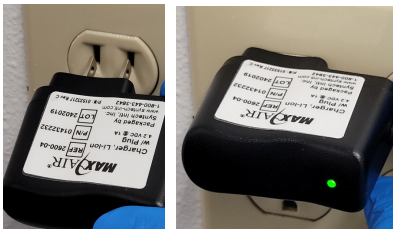
4. Pull each side Lens Mounting Hole off each FCC side Lens Mount.

5. Pull the front top of the Gaiter down off the FCC Turnclip, turn the Turnclip horizontal, and lift the Gaiter front Lens Mount Hole off the FCC front Mount and remove the Gaiter completely from the Helmet. Discard the Gaiter as contaminated waste.

Cleaning

The entire CAPR IH Helmet Assembly may be cleaned with mild applicaton of skin friendly soap and a damp cloth, and decontaminated with recommended agents - See Section 4 of User Instructions, P/N 08023040 for details.

Charging with Batteries Assembled in the Helmet - (2600-04 Charger)



1. Plug the Charger into a secure power outlet and note that the green LED is lighted.

2.Press the Charger charging connector (A) into the Charging Port (B) on the MAXAIR Helmet. Ensure the connector is fully down onto the Port (C).

3.The LED will turn red if charging is required. When it turns back to Green, charging is completed. Reverse steps 1 and 2 to disconnect the Charger from the Helmet and the Power outlet, and store for next use.

NOTE

See Section 12 of User Instructions, P/N 08023040, for charging batteries removed from the Helmet with the 2600-03 charger.