



**CAUTION**

Before use, thoroughly read MAXAIR® CAPR® P/N 03521015 User Instruction (received with all CAPR Helmets and available at [www.maxair-systems.com](http://www.maxair-systems.com)>SUPPORT>USER INSTRUCTION MANUALS.



**O.N. 2270-06SM\***  
(Small-Medium)  
P/N 07831038

**O.N. 2270-06ML\***  
(Medium-Large)  
P/N 07831039

\*one 2170-26 (07831040) HLF is included with each Hood

**Intended Use**

The MAXAIR CAPR Hood Systems filter aerosolized and droplet particulates and provide fluid resistance when used with a MAXAIR CAPR Powered Air Purifying Respirator (PAPR) Helmet. The 2270-06 Hood is used with a MAXAIR Systems CAPR 2082-03 Helmet or, alternatively, with a MAXAIR Systems 2026-03 Helmet. Hoods are designed for single use applications.

**Standard CA-CAPR-36 System with 2270-06 DLC Single Hood (showing alternate Helmets, 1 or 2)**



1. 2082-03 Helmet (with Power Cord and ChinBar)	5. 2500-36TSC Battery*
2. 2026-03 Helmet w/Power Cord and ChinBar	6. 2600-01 Battery Charger**
3. 2367-02 Quick Cuff	7. 2270-06 Hood
4. 2000-76 Battery Belt	8. 2170-26 HLF (Heavy Loading Filter)

\*The 2500-37TSC is an alternate battery for the 2500-36TSC.  
\*\*The 2600-02 is an alternate charger.

**Symbol Definitions**



Warning, Caution, or Note

**O.N.**

Order Number

**PN**

Part Number



**WARNING**

Failure to follow User Instructions P/N 03521015 and the instructions contained herein may be hazardous to the user's health.

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

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

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.

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

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 Systems/ NIOSH approved compatible components.

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.

**Specifications**

MATERIAL	TYPE	FLUID RESISTANCE*
Body (Shroud)	Polypropylene	Level 4 compatible (seams included)
Lens	Polycarbonate	Level 4 compatible
Filter	Polypropylene	Level 3 compatible
HLF	Polypropylene/modacrylic blend	General purpose fluid absorption and large particle filter.

\* Internal test data demonstrates material compatibility with the liquid barrier performance classification levels described in ANSI/AAMI PB 70:2012 for isolation gowns, etc. Seams between non-like material are excluded.

**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.

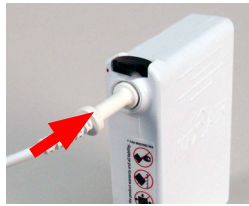
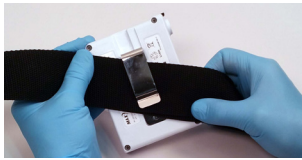
**Performance**

HE (NIOSH)  
APF of 25

**Regulatory**

NIOSH

**Donning - Battery and Belt**



**NOTE**

The outer gown may be donned up to about the waist before donning the battery, and then completed, or donned fully after the battery is donned and connected.



**NOTE**

Depending on the anticipated comfort level when fully gowned, the Helmet Air-Flow Level may be set to Med or High.

Connect Battery to Belt then place Belt around waist, typically with the Battery towards the rear of the right hip. To begin air flow, insert the Helmet Power Cord Connector into Battery Connector receptacle until the Secure Lock audibly clicks.

**Donning - Helmet, Hood, and HLF**



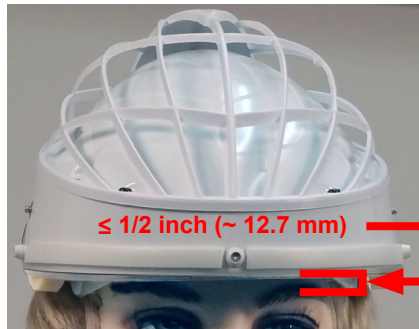
1. Remove Hood and Heavy Loading Filter (HLF) from packaging and lay on the counter with labels facing up.



2. Refer to the 2367-02 Quick Cuff UIM for Quick Cuff to Helmet assembly instructions.



3. Turn Headband Ratchet Knob counterclockwise to loosen headband for ease of donning Helmet.



4. Position Helmet on head with front Headband within 1/2 inch of eyebrows.



5. Turn Ratchet Knob clockwise to tighten Headband as tight as comfortable to secure Helmet to Head for all anticipated activities.



**NOTE**

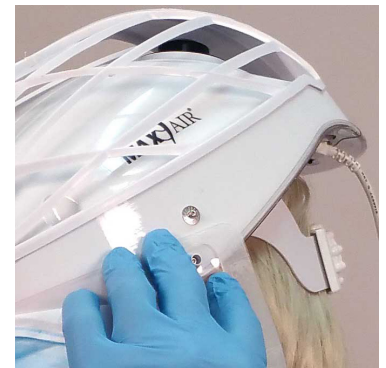
An audible click will occur when the side attachments are made properly.



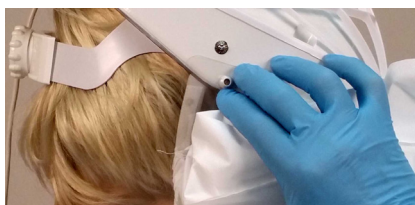
6. Hold Hood in one hand with lens towards helmet. Attach one side Hood-Lens attachment hole to respective Helmet side attachment post.



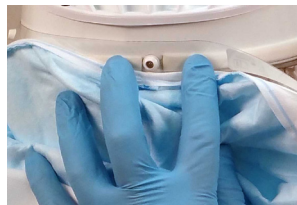
7. Attach center Hood-Lens alignment hole over Helmet center alignment post.



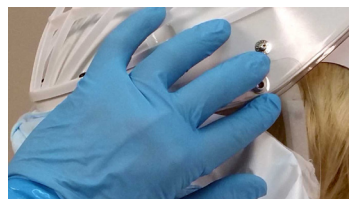
8. Attach other Hood-Lens attachment hole to other Helmet side attachment post.



9. Hold Hood in one hand with lens towards helmet. Attach one side Hood-Lens attachment hole to respective Helmet side attachment post.



10. Attach center Hood-Lens alignment hole over Helmet center alignment post.



11. Attach other Hood-Lens attachment hole to other Helmet side attachment post.

**NOTE**  
An audible click will occur when the side attachments are made properly.



12. Holding the Helmet securely on head, grasp back bottom of Hood Skirt and pull up, over, and down below Helmet in back.

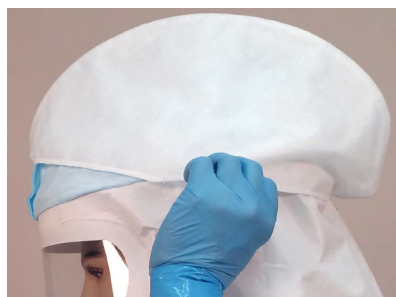


13. Continuing process of 11, pull Hood all the way down so that Hood Filter (blue) is fully down on Helmet.



14. Ensure all Filter (blue) wrinkles above front of Lens are removed by holding shroud in front below lens and in back below filter and pulling down firmly.

**CAUTION**  
For very small stature wearers the Hood Shroud may fit too loosely, and the 2270-06SM may be more appropriate.



15. Initiate donning of Heavy Loading Filter (HLF) by tucking back bottom up under back bottom of Helmet



16. Complete donning of HLF by pulling down rear-to-front and securing front bottom on Hood front velcro strips (both sides in front).



17. Ensure Hood Skirt is fully down on all sides. Secure Neck ties to within about 1/2 inch of neck. Secure body ties around waist area.

**Doffing - HLF, Hood and Helmet**



1. Untie both Neck and Body Ties. Either retie Neck ties very loosely or cut them off Hood to ensure Neck Ties do not contaminate Helmet, gown, or wearer.



2. Grasp both Body Ties and pull up to bring back bottom of Hood up and over Helmet.



3. Continue pulling Hood inside-out up and over Hood and HLF to ensure contaminated outside is folded up inside.



4. Continue pulling Hood off front of Helmet releasing the Lens from its Helmet attachment points.



5. Discard Hood and HLF per institutional protocol for contaminated waste.

6. Do off and discard gown per gown manufacturer's instructions.



7. Loosen Headband by turning Ratchet Knob fully counterclockwise.



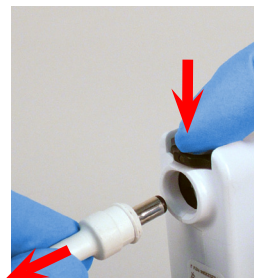
8. Lift Helmet up and off Head

**Doffing - Battery and Belt**



**WARNING**

Refer to Users Instructions (P/N 03521015) for details on chargers and charging batteries.



1. Disconnect Helmet Power Cord from Battery - Press Secure Lock (Black) Button down to release, then pull cord connector out from Battery connection receptacle.



2. Unbuckle Belt and remove Battery and Belt from around the waste.



3. With Charger connected to safe power source, connect Charger Cord to the Battery. Push Charger Cord Connector into Battery Receptacle until fully seated.



The entire CAPR System may be decontaminated, cleaned and/or stored at this time.