



### CAUTION

Before use, refer to the CAPR® User Instructions, P/N 03521015 (received with all CAPR Helmets) for details.



**REF** 2281PH-100

**P/N** 07631230



Warning, Caution, or Note



Catalog Number



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.

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's Instructions should use this product.

Failure to follow the User's Instructions, these and in the MAXAIR Systems User's Instructions, P/N 03521015, may be hazardous to the user's health.

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 used shrouds.

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

### Intended Use

The MAXAIR® CAPR® 2281PH-100 Hood is for use with MAXAIR 2081-03 Helmets. This Hood System provides high efficiency particulate filtration performance, and 360° Head and Neck contact protection. Hoods are designed for single use applications.

### Typical System Components



1. 2081-03 Helmet<sup>1</sup> with 2071-08 Headband Liner, 2590-05 Power Cord<sup>2</sup>, and 2051-07 Filter Support (Cage)

2. 2281PH-100 Hood<sup>3</sup>

3. 2500-36TSC Battery<sup>4</sup>

4. 2000-76 Battery Belt<sup>5</sup>

5. 2600-02 Battery Charger

<sup>1</sup> The 2099-09 ChinBar is an optional accessory for the 2081-03 Helmet

<sup>2</sup> The 2590-08 is an alternate to the 2590-05.

<sup>3</sup> The 2400-208 Peelaway Lens is an optional accessory for the 2281PH-100 Hood.

The 2061-05 HFR FCC is an optional accessory, a fluid resistant cover for donning over the Hood Filter.

<sup>4</sup> The 2500-37TSC is an alternate to the 2500-36TSC.

<sup>5</sup> The 2000-77 and 2000-78 are alternates to the 2000-76.

### 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

### Regulatory

NIOSH PAPR100-N



### CAUTION

Before use, always refer to the CAPR® User Instructions, P/N 03521015 (received with all CAPR Helmets) for details.

### Don Battery, Belt, Helmet and Hood

**A**



**B**



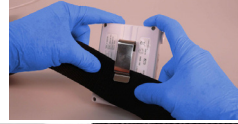
**C**



**D**



A. 2500-36TSC Battery  
B. 2000-76 Belt  
C. 2081-03 Helmet  
D. 2281PH-100 Hood



### NOTE

Helmet is shown with optional 2099-09 ChinBar attached, throughout.

1. Remove all wearer System Components from their packaging, ensure they are ready for use, and lay them on a clean counter/surface.

2. Assemble the Battery onto a double layer of Belt. Place top edge of Belt under the Battery Clip, up to the Clip top, so the Clip Detent rests on the Clip Base and NOT the Belt. Place the belt comfortably around the waist with the battery near the side-back of the right hip.

3. Don Helmet by first loosening Ratchet Knob (CCW) then place Helmet over and down on head. Tighten Ratchet Knob (CW) as tight as comfortable to secure for all activities.

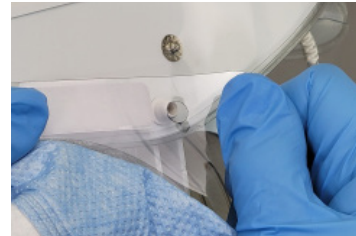


### CAUTION

Ensure that the front Helmet headband is within about 1/2 inch of the eyebrows so that the Safety LEDs are clearly visible in the upper peripheral vision with the Hood donned.



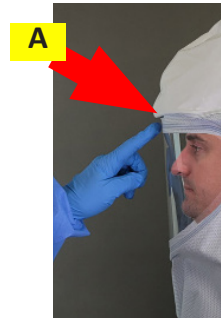
4. Attach center Hood-Lens: Bow Lens sides away from helmet, place Lens center mounting hole over Helmet center mounting adapter top extension (1), then place Lens down over the Helmet adapter and press in until the Lens "clicks" into secure attachment to the Helmet.



5. Position one side Lens mounting hole over respective Helmet side mounting adapter, and press down (in, towards the helmet) until the Lens "clicks" into secure attachment to the Helmet. Repeat this step for the other side Lens mounting hole.



6. Grasp the back bottom Hood Shroud and pull the Hood over the Helmet and down in back.



7. If Hood Filter is wrinkled in front (A), use one hand to secure the Hood at the Lens bottom and use the other hand to grasp the Shroud just below the Filter in back and pull down (B) until all folds in the filter are removed (C). Ensure the Hood is down, all around.



8. Circulator: Pull the NeckTie ends to the back by briskly and quickly pulling the ends free from their velcro clasp.



9. Note the four snap positions on the Necktie. Choose the position that provides the wearer a comfortable fit, ensures the hood is within about an inch of the neck for a good fit, and allows freedom of head movement.



10. Snap the left NeckTie end snap into the right Necktie end snap position that makes the best fit (refer to Step 9.)



11. The Hood should be secure.

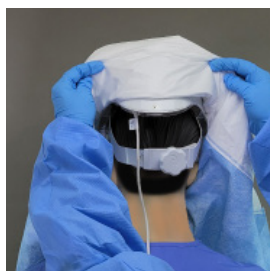
## Doff the Hood and Helmet



1. Un-snap the NeckTie in the back.



2. Grasp the back bottom of the Hood Shroud and roll the Hood up and over to the top front of the Helmet.



3. Lift out and un-snap each side Lens mount off and away from the Helmet.



4. Lift the bottom of the Lens forward away from the Helmet and then up and off the Helmet front mounting adapter and lift Lens and Hood fully away from Helmet. Continue to roll Hood inside-over-outside until Hood is fully away from body, and discard appropriately for contaminated waste.



5. Loosen the rear Headband Adjustment Knob (turn counterclockwise).



6. Lift Helmet up and off head.





**Doff Battery and Belt**

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



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



3. Connect a powered on Battery Charger connector to the Battery. Push connector into Battery receptacle fully - Do NOT push down on the Battery Secure Lock (Black) button.

**WARNING**

Refer to User Instructions (P/N 03521015) for details:

- on proper use of chargers and for charging batteries.
- for cleaning and storage.