

## CAPR 2081-03, 2083-03, and 2084-04 Helmets

Same Base Helmet and Power Cord - Different Liners and Lens Mounts

- 2071-08 Liner - Lightest Weight
- 2071-07 Liner - Extra Cushion Head-Pads
- Standard Lens Mounts
- PR Hood Lens Mounts



2081-03 SHOWN

### SAFE, COST EFFECTIVE INTEGRATED BLOWER (MOTOR & BLOWER)\*

- Eliminates need for a Breathing Tube
- Nothing to get caught, snagged, hooked
- No need for expensive disposable covers
- No need for extra cleaning/decontamination

### HELMET MOUNTED FILTERS

- Eliminates need for bulky Belt-Mounted Filter Compartments (with Motor-Blower)
- No restriction on maneuverability
- Easy Don/Doff - no helper required

### CAGE 2051-07

QuickChange:

- OFF for Cuff/Shroud with some Filters
- ON for Hood and Cuff/Shroud with some Filters

Motor-Fan protection during transport

## COMFORTABLE LINERS

Secure Ratchet Knob Head Circumference adjustment

- Elevation slots for Head Height-to-Helmet adjustment
- Front Comfort Strip and Rear Comfort Pad

## FAST, SECURE LENS MOUNTS

Application Optimized

- Standard Mounts for faster lens changes
- Dedicated Mounts for more specific security



### 2071-08 Liner (2081-03, 2084-04)

Lightest Weight  
Small lightweight Headpads  
For Routine use



### 2081-03, 2083-03 Standard Lens Mounts

All Configurations except "PR&PRS" Hoods  
Fast, Flexible, Secure



### 2071-07 Liner (2083-03 Helmet)

Large extra-cushion Headpads  
Heavy activity and Hard Hat<sup>1</sup> use



### 2084-04 Dedicated Lens Mounts

Specifically for "PR& PRS" Hoods  
Fast, Dedicated, Secure

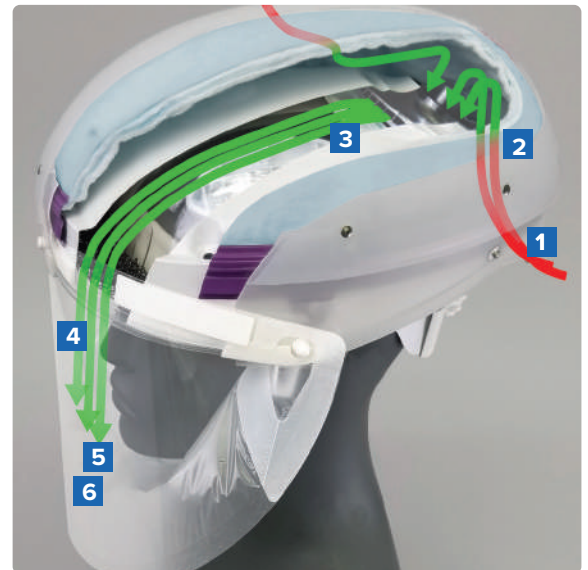
<sup>1</sup> Required for all Hard Hat Systems

\* Highest recommended design for Ebola Patient Care:

"A PAPR with a self-contained filter and blower unit integrated inside the helmet can facilitate doffing."  
[www.cdc.gov/vhf/ebola/healthcare-us/ppe/guidance.html](http://www.cdc.gov/vhf/ebola/healthcare-us/ppe/guidance.html)

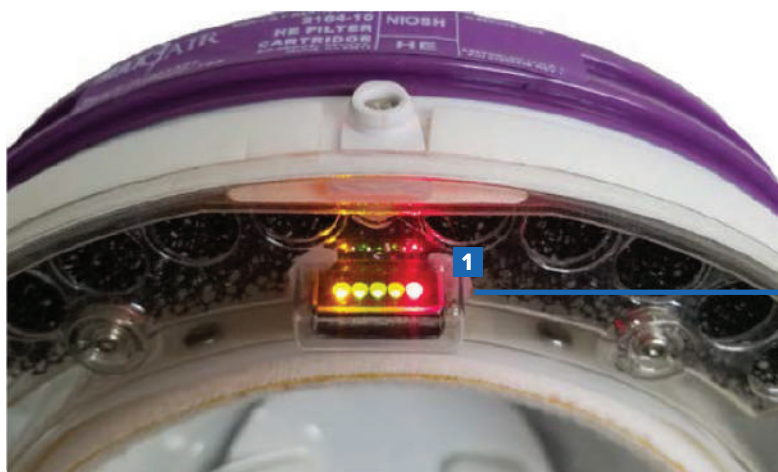
### SIMPLE AND CONVENIENT

1. Toxic air pulled in by motor under the Filter Cover Cap (Cuff an Shroud) or through hood top (not shown)
2. Toxic air pulled through Filter and cleansed of harmful particulates
3. Clean air passes through Motor-Blower and down laminar flow channel to front Diffusers and Air Outlet
4. Diffused, clean, cooling air passed down around Wearer's face
5. CO<sub>2</sub> exhaled automatically
6. Lens defogging by airflow is automatic



### SAFE - ALWAYS ON AND VISIBLE

1. Front-mounted Safety LEDs display critical information from System/Air-Flow Computer-Controller
  2. LEDs provide real-time Heads-Up Display to Wearer in upper peripheral vision
- Constant, during-use awareness of Safe Air Flow and Battery Run-Time conditions
  - No confusing audible alarms
  - No need to stop and make manual checks, look away from critical activity, or ask a helper to read a "fuel gauge"



All five LEDs are shown on as is the case each time the Helmet is powered on.

**NOTE:** LEDs are illustrated; Actual display is only visible to wearer.

## MORE COMFORTABLE

- 1 Air Diffusers Assist in Low Noise Operation, ≤ 62dB  
Evenly dispersed air for Comfort and Anti-Lens-Fogging
- 2 Front Comfort Strip (Disposable)
- 5 Rear Comfort Pad (Cleanable)
- 6 Easy grasp-and-turn Ratchet to adjust head circumference and secure helmet-to-head

## SAFE TURNLOCK POWER CORD CONNECTOR

Provides safe connection

- 3 Easy connect/disconnect  
Allows Helmet to be removed if in standby

## USER SELECTABLE COMFORT LEVEL

- 4 Set Air-Flow Range to meet activity, comfort level  
Computer controlled constancy

