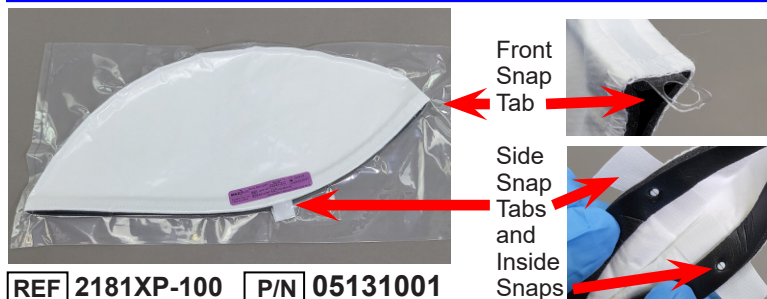



**CAUTION**  
Before use, thoroughly read MAXAIR CAPR P/N 03521015 User Instructions (received with all CAPR Helmets and available at [www.maxair-systems.com](http://www.maxair-systems.com)).



REF 2181XP-100 P/N 05131001

## 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.

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 User's Instructions, P/N 03521015, may be hazardous to the user's health. Misuse may result in injury, sickness, or death.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory and safety requirements. Syntech Intl. does not recommend the appropriate systems for a particular institution or facility, or situation.

Use only MAXAIR 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 all contaminated MAXAIR products.

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

## Intended Use

The MAXAIR® 2181XP-100 XP Filter is a NIOSH approved PAPR100-N Class filter for use with a MAXAIR Helmet with a Cage installed. The 2181XP-100 provides protection against airborne particulate contaminants and passes APF 1000 criteria when used with Shroud configurations.

## Typical Associated Components



Cage Side Snap Holes

1) 2081-03 Helmet with 2071-08 Liner, 2051-08 Cage, 2590-05 Power Cord	2) 2181XP-100 XP Filter
	3) 2061-08 Filter Cover Cap (FCC)

## Specifications

FILTER	MATERIAL
2181XP-100	Electrostatic Polypropylene, Electrostatic Modified Acrylic

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.

## Regulatory

NIOSH PAPR100-N

### Assemble Filter to Helmet (with Cage attached)



1. Latch the Filter front Snap Tab top over the Helmet front Lens Mount then press it fully on to secure it to the Helmet.

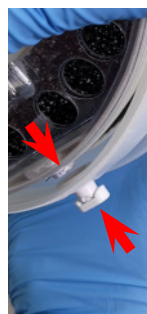


2. Rotate the Filter over the top of the Cage and pull it down on all sides.

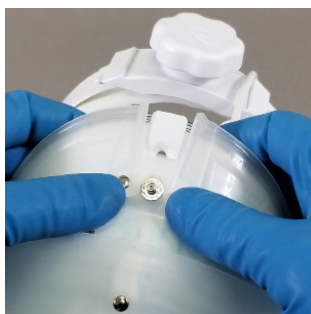


3. Snap each Filter side Snap into its same side Cage side Snap Hole.

### Assemble Filter Cover Cap over Filter and onto the Helmet



1. Place the Helmet Front Mount (A) into the inside of the Filter Cover Cap (FCC) front Attachment Adapter (B).



2. Pull the FCC over and down onto the Helmet and Filter. Use thumbs to push FCC fully down over the Filter and onto the Helmet.



3. With the FCC fully down on the Helmet the T-Tab can be snapped and secured to the lower snap on the back of the Helmet.

### Dis-assemble Filter Cover Cap From Filter and Helmet



1. Hold the Helmet securely in one hand and lift up the FCC T-Tab to unlock the FCC from the Helmet.

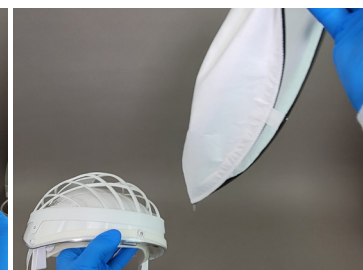
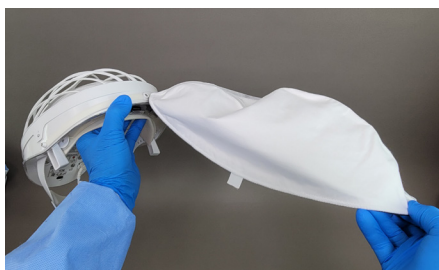


2. Lift the back of the FCC up and continue to lift the FCC up and forward off the Helmet.

### Dis-assemble Filter From Helmet



1. For each side, lift and pull out on each side Snap Tab to unsnap each side Snap from the Cage.



2. Lift the Filter rear up off the Helmet, turn its back around to the front, then lift it up and off the Helmet front Lens mount and off the Helmet.

### Dispose of the Filter

Dispose of the Filter per institutional protocol for hazardous waste.