



CAUTION

Before use, thoroughly read MAXAIR CAPR P/N 03521015 User Instruction (received with all CAPR Helmets and available at www.maxair-systems.com).



REF 2163-10 XP
P/N 01031279



REF 2165-10 Pre-Filter
P/N 01031254



REF 2167-10 XP
P/N 01031569



REF 2166-10 XP N-OV
P/N 01031593

Symbol Definitions



Warning, Caution, or Note



Catalog Number



NIOSH 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.

Intended Use

The MAXAIR® CAPR® Filter Cartridges are for CAPR Powered Air Purifying Respirators configured with CAPR Cuffs and Shrouds; they provide protection against airborne particulate contaminants (and nuisance levels of organic vapors when using the 2166-10).

System Configurations and Specifications



Cuff Configurations
Standard Helmet



Hard Hat



Shroud Configurations
Standard Helmet
Single and Double



Hard Hat
Single

FILTER	APF	EFFICIENCY
2165-10	25	≥ 99.97%
2167-10 2166-10 2163-10	1,000 ¹	≥ 99.99%

¹ Shroud configurations only. When filters are used with Cuff configurations the APF is 25.

FILTER	MATERIAL
2165-10 2163-10 2167-10	Electrostatic Polypropylene, Electrostatic Modified Acrylic
2166-10	Electrostatic Polypropylene, Electrostatic Modified Acrylic, Activated Carbon

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
PPER (EU) 2016/425

Performance Classification

REF 2167-10 **REF** 2166-10

TH2 (2% Inward Leakage)

P- Particulate Filter (2% Penetration)

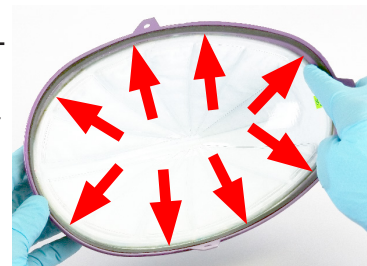
R- Reusable Filter

S- Solid and water-based aerosols only (not oil based)



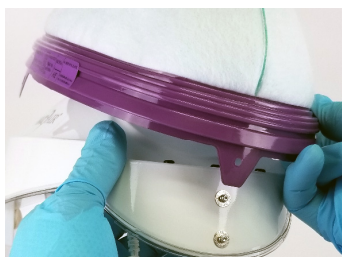
CAUTION

- Ensure that the black Filter Cartridge-to-Helmet Gasket Seal is uniform and flat, continuously around the Filter Cartridge.
- Helmet and Filter Media are exposed. Handle with care. Avoid rough contact with filter media.

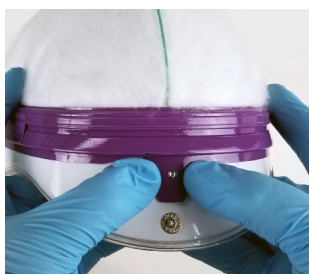


All MAXAIR Systems Filter Cartridges assemble and disassemble to/from the MAXAIR Helmets in the same manner.

Assembly



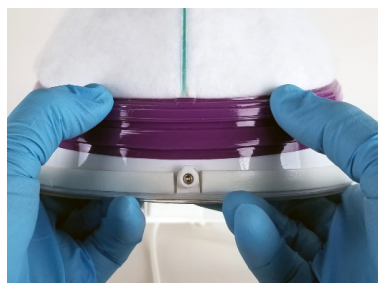
1. Hold the Helmet upright with one hand; with the other hand align the Filter Cartridge with the Helmet rear upper snap and lower onto Helmet.



2. Snap and secure the Filter Cartridge rear Tab in place onto the Helmet rear upper Snap.



3. Center and lift the left and right side Filter Cartridge Snap Tabs such that they sit on top of the Helmet side upper Snaps.



4. Using the front top step of the Filter Cartridge Retainer Ring, firmly push the Filter Cartridge down towards the Helmet front Alignment Post.



5. Snap and secure each Filter Cartridge side Snap Tab on to each respective Helmet side upper Snap.

Disassembly



1. Lift and unsnap the Filter Cartridge Left and Right side Snap Tabs.



2. Using the bottom step on the Filter Cartridge front plastic Retainer Ring, pull the Filter Cartridge up off the Helmet front.



3. Continue with an up and backward motion to unsnap the Filter Cartridge rear Tab and complete removal of the Filter Cartridge from the Helmet.