Contents

General

What are the MAXAIR CAPR Systems?

MAXAIR CAPR Systems are uniquely designed, NIOSH Approved, Loose Fitting, Powered Air Purifying Respirators (PAPRs) that are setting standards for today and the future of respiratory and contact protection.

CAPR Systems provide workers an unprecedented level of safety, comfort, convenience, and cost effectiveness while protecting them against harmful aerosolized particulates.

Depending on the Complete System selected, i.e. Cuff, Shroud, Hood, Hard Hat, MAXAIR CAPR Systems can provide respiratory, contact, fluid, head and/or Eye impact protection.

MAXAIR is a leader of the NO-Hose, integrated Helmet design, and our CAPR Systems are often referred to as *The* NO HOSE PAPRs.

The integrated MAXAIR Helmet eliminates the need for a cumbersome hose (breath tube) and bulky waist/back-mounted blower unit. Combined with its light weight, i.e. typical system weighs 2.26 pounds, 1.76 pounds for the Helmet and Face/Head Cover, MAXAIR CAPR is more mobile and comfortable for you to be able to work in any workplace setting.

The many different complete systems available fall within three primary groups -

- Cuff* Systems - most cost effective, easiest to don/doff
- Shroud* Systems - full 360◦ Head and Neck protection
- Hood Systems - full 360◦ Head and Neck protection, high fluid resistance (ASTM 1671)

* relief from N-OV, nuisance levels of organic vapors, optionally available

Are there different Classes of MAXAIR PAPRs?

Yes, there are now two NIOSH PAPR Classes that MAXAIR Systems are categorized into, PAPR HE and PAPR100. These classes came about in April 2020 due to “Approval Tests and Standards for Air-Purifying Particulate Respirators”, https://www.federalregister.gov/documents/2020/04/14/2020-07804/approval-tests-and-standards-for-air-purifying-particulate-respirators.

Which Class a PAPR is approved for by NIOSH is primarily determined by its filtering characteristics. See the FAQs section Filter Media, “What are the CAPR Filter Configurations?”, for more information on MAXAIR PAPR Classifications.

What system configurations are available?

Currently there are four MAXAIR Base Systems to choose from that are the basis for the many different MAXAIR CAPR Complete Systems. (Refer to PB-CAPR-Base Systems.pdf in the Product Brochures section at https://maxair-systems.com/product-literatures)

Each Base System consists of a Helmet, a Battery, a Battery Belt, and a Charger.

- The Helmet choices include –
  - 2081-03 for non-Hard Hat Systems
  - 2084-03 for use with PR Hoods
  - 2083-03 for all Hard Hat Systems

- The Battery choices include –
  - 2500-36TSC, typically 8-10 hours/full charge

- 2500-37TSC, typically 12-15 hours/full charge
- The standard Belt is the 2000-76, with cleanable belt options including the 2000-77 and 2000-78.
- The charger is the 2600-02.

To configure a MAXAIR Complete System, a choice of Head and Face Cover and NOTED base system peripherals must be included with the chosen Base System. (More graphical descriptions of the many different Complete System options are provided on the MAXAIR website, maxair-systems.com.)

Are all MAXAIR CAPR Systems NIOSH approved?

Yes, the up-to-date NIOSH approval numbers for MAXAIR systems are all available on the NIOSH website – https://www2a.cdc.gov/drds/cel/cel_results.asp?startrecord=1&Search=cel_form&maxrecords=50&manufacturer=BMD&appdatefrom=&appdateto=&powered=&scbatype=&scbause=&privatelabel=

The exclusive manufacturer and Approval Holder for all NIOSH Approved MAXAIR products is Syntech International, Inc. (syntech-intl.com)

Schedule	Approval	Manufacturer Name	Facepiece Type	Product Line or Model
21C	0812	Syntech International (BMD)	Helmet	Maxair PAPR with Tri-Snap Helmet
21C	0813	Syntech International (BMD)	Helmet	Maxair PAPR with Single Post Helmet
21C	0849	Syntech International (BMD)	Helmet	Maxair Loose Fitting Universal CH Helmet Power Air Purifying Respirator
21C	0850	Syntech International (BMD)	Helmet	Maxair Series Powered Air Purifying Respirator with Universal CH Helmet
21C	0851	Syntech International (BMD)	Helmet	Maxair Series Powered Air Purifying Respirator with Universal CH Helmet
21C	0911	Syntech International (BMD)	Helmet	Maxair Loose Fitting Helmet Powerd Air Purifying Respirator with the Universal-CH Helmet
21C	0912	Syntech International (BMD)	Helmet	Maxair Loose Fitting Helmet Powered Air Purifying Respirator with the Universal-CH Helmet
21C	0915	Syntech International (BMD)	Helmet	Maxair Powered Air Purifying Respirator with Loose Fitting Helmet
21C	0942	Syntech International (BMD)	Helmet	Model Maxair Loose Fitting Powered Air Purifying Respirator with Helmet and Filter
21C	0960	Syntech International (BMD)	Hood	MaxAir Loose Fitting Powered Air Purifying Respirator with the HE DLC Hood
21C	0961	Syntech International (BMD)	Hood	MaxAir Loose Fitting Powered Air Purifying Respirator with HE DLC Hood
21C	0962	Syntech International (BMD)	Hood	MaxAir Loose Fitting Powered Air Purifying Respirator with HE Universal Hood
21C	1014	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1035	Syntech International (BMD)	Helmet	MAXAIR System, Powered Air Purifying Respirator with Helmet and Filter
21C	1036	Syntech International (BMD)	Helmet	MAXAIR System, Powered Air Purifying Respirator with Helmet and Filter
21C	1038	Syntech International (BMD)	Helmet	MAXAIR System, Powered Air Purifying Respirator with Helmet and Filter
21C	1039	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1040	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1041	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1047	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1049	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1050	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1051	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter
21C	1089	Syntech International (BMD)	Helmet	MAXAIR Powered Air Purifying Respirator with Helmet and Filter

What areas / applications can I use the MAXAIR for?

MAXAIR PAPR Systems can be configured with appropriate face/head covers to provide protection against airborne particulates and varying degrees of contact/splash, fluid, and impact in a broad range of markets, including but not limited to the following.

- Hospitals/Medical
- EMS
- Laboratory Research
- Pharma/Bio-Technology
- Dental
- Restoration
- Nuclear

Do I need to be fit tested?

No. All MAXAIR Systems are positive pressure, loose fitting powered air purifying respirators that supply approximately 6 to 9 cubic feet per minute (cfm) of airflow (approximately 190 to 240 liters per minute, lpm). OSHA does not require fit testing for positive pressure loose fitting PAPRs.

OSHA does require annual fit testing on negative pressure respirators as N95s, and tight fitting PAPRs, as both these technologies require a tight fit to the face.

Additionally, OSHA does require all respirator users to complete a medical evaluation questionnaire before using any respirator and to undergo annual retraining on respirators used.

What do you recommend to clean / disinfect MAXAIR?

For general cleaning of MAXAIR Helmets, Batteries, Chargers, Liners, Helmet Covers, and Power Cords , recommendations include a clean damp cloth and a mild application of a skin friendly soap.

For high level cleaning, MAXAIR recommends two alternatives –

- PDI Super Sani-cloth Germicidal Disposable Wipe, Q55172
- Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant, CLO30825

WARNING

Prior to use of any cleaning agent on any material, it is always recommended to try the agent on a test sample to determine short and long term effects for overall product and user safety.

MAXAIR Systems is not responsible for results of any cleaning procedures that are outside of full compatibility, simultaneously with the cleaning agents and protocols included in this Technical Bulletin and with the cleaning agent manufacturers' recommendations regarding the Key Materials listed herein.

All MAXAIR Face/Head Covers are single use items and are not designed for cleaning and reuse.

MAXAIR Filters should be discarded as contaminated waste if they cause the Helmet Yellow LED to be lighted when the Helmet is powered on for more than about 10 seconds, as well as whenever soiled or otherwise contaminated with body fluids or visibly damaged.

Can one MAXAIR System accommodate multiple users?

Yes. After decontamination, replacement of the comfort strips and single use face/headcovers, MAXAIR is ready for the next user.

What is the noise level of the system?

MAXAIR'S noise level specifications are lower than conventional PAPRs; the average decibel level is typically below 62 db.

Can I use a stethoscope with your system?

Yes. The audio quality is optimum with the Cuff configurations.

Can I wear this system if I have a beard and/or wear glasses?

Yes, all configurations fit users with facial hair, that wear glasses, and nearly all head sizes and shapes. No additional attachments are needed.

Where can I find Donning and Doffing and other, more detailed Information?

Assembly, Disassembly, Donning, and Doffing instructions for all MAXAIR System configurations may be found in the MAXAIR UIMs (User Instructions Manuals) supplied with each MAXAIR Helmet, in Item UIMs which are included one in each box of face/head covers. Additionally, viewable and downloadable versions are available on the maxair-systems.com website.

Helmet

How does MAXAIR accommodate different users' head sizes?

MAXAIR Helmets provide effective universal fit as they include both circumferential size adjustment as well as height adjustment in the Headband of the Helmet Liner.

The helmets are equipped with a universal Liner/Headband with a ratchet knob to adjust for different head sizes. The headband ratchet knob adjusts for proper circumferential fit. The headband side straps have height adjustments to allow proper vertical size adjustment, and proper tilt of the helmet to ensure easy visualization of the safety LEDs in the upper peripheral vision.

With your "hose-free" technology, where does the air supply come from?

The integrated Motor-Fan (located in the top rear of the helmet) draws in ambient air through the filter. The filtered air is channeled inside the helmet, and flows downward between the lens and the user. This provides resistance free breathing, automatically defogs the lens and exhausts exhaled CO_2 while providing a cooling effect for greater user comfort.

How much airflow am I getting?

The user can adjust the airflow switch, located at the posterior underside of the helmet, between Low (6-7 cfm, 190 lpm), Medium (7-8 cfm, 215 lpm), and High (8-9 cfm, 240 lpm). This adjustment allows the user to match the air flow for widely varying work environments and activity levels.

The MAXAIR Air Flow Controller maintains each settings airflow at a constant level even during filter loading.

(NOTE: All numbers for airflow are approximate.)

What do the Safety Status LEDs indicate?

The Safety LEDs are uniquely always on and visible in the upper peripheral vision of the user. They allow the user to maintain complete focus on work activity, patient care, etc., without distraction. They automatically alert the user when it is time to exit the environment and re-charge or change out the battery, and/or check the status of the filter.

When lighted, the yellow LED indicates a low airflow condition. If it becomes lighted during use it indicates that the system is nearing a point when it won't be able to maintain desired air flow and it is time to check the filter to see if replacement is necessary.

The three green LEDs together with the red LED provide the user general progress status of the battery charge level. Three green lit LEDs indicate approximately 75%-100% charge remaining, two green lit LEDs indicate approximately 50%-75% charge

remaining, one green lit LED indicates approximately 25%-50% charge remaining – if not before, at this condition the user should be planning on recharging the battery or replacing it at the next opportunity. No green lighted LEDs and a red lighted LED indicates 0%-25% charge remaining and that it is urgent that the user replace or recharge the battery as soon as possible.

If both red and yellow LED's are lit, both battery and filter need to be checked for change out.

In the typical healthcare environment, the yellow LED should rarely illuminate because it is not a "heavy particulate loading" environment as compared to industrial applications.

Is there a protective cover which can be placed on top of the helmet, to further simplify the decontamination process and provide additional protection to the filters?

Yes, all MAXAIR System configurations have a filter cover that protects the filter/filter cartridge.

For Cuff and Shroud Systems, the Filter/Filter Cartridge is covered by the 2061-08 Filter Cover Cap (FCC) or the 2061-04A Hard Hat when head impact protection is needed. For Hood Systems the Hood Filter may be protected with the 2061-05 High Fluid Resistant Filter Cover Cap (HFR FCC).

Filter Media

What are the CAPR System Filter configurations?

Always be aware that MAXAIR Filters are for airborne particulates only; MAXAIR Filters are not for use where gases and vapors need to be filtered.

MAXAIR Cuff and Shroud Systems use individual Filter Caps and Filter Cartridges; Hood Systems use a filter that is integrated into the top of the Hood.

PAPR Filters are classified by NIOSH as either PAPR HE or PAPR100-N. Table 1. below demonstrates the different MAXAIR CAPR filters, their NIOSH Classification, and their APFs.

		FILTER							
			NIOSH FILTER CLASS: PAPR HE						
		Integrated with Hood	2180-05	2167-10 XP		2166-10 XP N-OV		2164-10 HE	
	HELMETS (Approved for Headcovers indicated)	2075-03	2081-03	2075-03	2083-03	2075-03	2083-03	2075-03	2083-03
		2081-03	2083-03	2081-03		2081-03		2081-03	
		2084-03							
NIOSH FILTER CLASS:		APF							
	HOOD (Integrated Filter) :								
PAPR HE	2271PS-07ML, 2271PS-07SM	25							
PAPR HE	2271PB-07ML, 2271PB-07SM	1,000							
PAPR HE	2272PB-07ML, 2272PB-07SM	1,000							
PAPR100-N	2271PS-100ML, 2271PS-100SM	25							
PAPR100-N	2271PB-100ML, 2271PB-100SM	25							
PAPR100-N	2272PB-100ML, 2272PB-100SM	25							
PAPR100-N	2281PR-100	25							
PAPR100-N	2281PRS-100	1,000							
	SHROUD:								
	2260-05ML, 2260-05SM		25	1,000		1,000		25	
	2261-01ML, 2261-01SM		25	1,000	1,000	1,000		25	
	2264-01ML, 2264-01SM		25		1,000		1,000		25
	CUFF:								
	2365-02ML, 2365-02SM		25	25		25		25	
	2366-02ML, 2366-02SM		25		25		25		25

Table 1. Filters

Filters for Cuff and Shroud Systems

The 2180-05 HE Filter Cap is MAXAIRs most recent filter innovation design for MAXAIR Cuff and Shroud Systems. This filter provides OSHA[1] APF of 25 and NIOSH HE level particulate filtering efficiency and Silica dust loading capacity at a very low cost.

The 2167-10 XP and 2166-10 XP N-OV filter cartridges are convenient snap-on/snap-off filters for use with the MAXAIR CAPR Cuff and Shroud System configurations.

- When used with Cuff Systems they are APF of 25 per OSHA[1].
- When used with Shroud Systems they meet OSHA's requirements for APF of 1,000 per our engineering test data.

- The 2166-10 XP N-OV Filter Cartridge additionally provides relief from nuisance levels[2] of organic vapors when used with both Shrouds and Cuffs.

[1] https://www.osha.gov/sites/default/files/publications/3352-APF-respirators.pdf. Page 14, Table 1., Note 4
[2] Levels below the OSHA PEL level, typically 5%-10% of the OSHA PEL.

Both Filter Cartridges are also Class PAPR HE and pass NIOSH Silica Dust loading testing.

Hood Systems Filters:

CAPR Hoods have a filter integrated into their top. Depending on filter, see Table 1. above, the filter is either Class PAPR HE or PAPR100-N as indicated.

Class HE Hoods come with a NIOSH required HLF (Heavy Loading Filter).

Note that All MAXAIR Hoods may be worn with an optional High Fluid Resistant Filter Cover Cap for maximum fluid protection of the filter area.

Will the filters withstand water?

In general, MAXAIR System filters are not intended to be exposed to water.

If water spray is a potential, it is recommended to use -

1. A Shroud configuration which includes a Filter Cover Cap (FCC) that protects the Filter.
2. A Hood configuration with a HFR FCC (High Fluid Resistance Filter Cover Cap) that protects the Hood Filter.

If filters do become wet with non-toxic and otherwise non-harmful material, they should be allowed to dry thoroughly before next use.

Note that all head and face covers are designed for single use. Hoods (with integrated filters) are single use headcovers.

How often does the filter need to be changed?

It depends upon the application, the environment where used, the frequency and duration of use, and the organization's protocol for the prevention of cross contamination.

Regardless, MAXAIR CAPR's Yellow LED provides a self-monitoring function that effectively takes these concerns into consideration. The yellow LED will illuminate when airflow intake begins to be compromised near the threshold of 6 cfm (170 lpm). This visual warning provides the user ample time to exit the working environment, and change out a heavily loaded filter.

Otherwise, filter change-out a minimum of every six-to-twelve months is recommended.

Can MAXAIR Filters be cleaned and reused?

There are no procedures for cleaning MAXAIR Filters for reuse. Once the filter is loaded to the point that the Helmet Yellow LED is lighted, or after 6-12 months use, whichever occurs first, the MAXAIR Filter should be discarded per institutional and local regulatory agency recommendations.

What is the proper configuration for Infection Control in hospitals, as well as other applications and settings?

Most users prefer to use the Cuff system configuration for Infection Control in patient care areas because it more conveniently accommodates stethoscope use.

The Cuff configurations are the primary choice where contact and fluid contamination are not of major concern as the neck and side and back of head are exposed with a Cuff configuration.

Shroud configurations are usually recommended over cuffs when -

1. More complete, 360^{o}, contact and fluid contamination needs to be considered
2. When it is acceptable and desirable to use the Filter multiple times (applies to Cuffs as well, not to Hoods).

Hood configurations are typically the configuration of choice for when the combination of maximum protection of a Shroud is needed or desired, and when the easy discarding of the entire head cover and filter is acceptable and economic.

Both Shroud and Hood configurations are available in both single and double shroud styles -

1. The outer shroud is nearly always worn on the outside of the outer body gown to protect against splash.
2. The inner shroud of the double-shroud and double-hood configurations, worn inside the body gown, provides
    a. An improved "airborne contaminant seal".
    b. A filtered air escape mechanism.

Which HE filter is used for pathology, laboratories, and industrial settings?

MAXAIR Cuff and Shroud configurations use a separate, independently assembled Filter Cap or Filter Cartridge, either the 2180-05 Filter Cap, the 2167-10 XP Filter Cartridge, or the 2166-10 XP N-OV Filter Cartridge. All MAXAIR Hoods have their Filter integrated into the top of the hood.

MAXAIR XP filter designations indicate they meet the NIOSH HE approval for PAPR filtration that requires passing the Silica Dust loading test.

The N-OV designation of the 2166-10 XP N-OV Filter Cartridge indicates that it additionally provides relief from nuisance levels of organic vapors when used with CAPR Shrouds, i.e. levels below the OSHA PEL level, typically 5%-10% of the OSHA PEL.

Some additional considerations for when to choose different configurations include:

The Cuff configurations are the primary choice where full 360° head contact and fluid contamination is not of major concern as the neck and side and back of the head are exposed with a Cuff configuration.

Shroud configurations are usually recommended over cuffs when -

1. Contact and fluid contamination needs to be considered
2. When it is acceptable and desirable to use the Filter multiple times.

Hood configurations are typically the configuration of choice when the combination of maximum protection of a Shroud is needed or desired, and the easy discarding of the entire head cover and filter is acceptable and economic.

Both Shroud and Hood configurations are available in both single or double shroud styles.

1. The outer shroud is nearly always worn on the outside of the outer body gown to protect against splash.
2. The inner shroud of the double-shroud and double-hood configurations, worn inside the body gown, provides
    a. An improved "airborne contaminant seal".
    b. A filtered air escape mechanism.

Battery, Belt & Charger

What is the standard MAXAIR System battery and how long does one battery charge last?

The 2500-36TSC Lithium-Ion Battery is the primary battery included in system configurations. It typically provides 8-10 hours of continuous use per full charge, ideal in a low particulate density concentration, filter loading environment, as a Hospital. This battery is small and lightweight.

The 2500-37TSC Lithium-Ion battery is an alternate for all systems; it typically provides 12-15 hours continuous use per full charge. It is the same size and weight as the 2500-36TSC.

The latest TSC battery design now includes a secure lock mechanism (spring loaded push-button operated) to ensure added safety of the connection between the power cord and the battery.

NOTE: Thoroughly review the MAXAIR Ensure Readiness Program for proper care and use of MAXAIR Batteries. (To view the MAXAIR Ensure Readiness Program, go to maxair-systems.com and click on " Battery Readiness Program").

How many times can the battery be recharged?

The battery can be recharged between 450-500 times (also known as “full charge cycles”). A cycle is defined as a complete discharge and recharge.

Partial cycle charging is safe and reliable with Lithium Ion batteries. Partial cycles are additive to make up complete cycles when estimating the number of charging cycles to expect from the useful life of a battery.

NOTE: Thoroughly review the MAXAIR Ensure Readiness Program for proper care and use of MAXAIR Batteries. (To view the MAXAIR Ensure Readiness Program, go to maxair-systems.com and click on "Battery Readiness Program").

How long does it take to charge the battery?

The 2500-36TSC Lithium-Ion battery takes approximately 4-6 hours to completely re-charge; the 2500-37TSC requires approximately 5-7 hours for a complete recharge; the 2500-30TSC requires approximately 6-8 hours for a complete recharge.

NOTE: Thoroughly review the MAXAIR Ensure Readiness Program for proper care and use of MAXAIR Batteries. (To view the MAXAIR Ensure Readiness Program, go to maxair-systems.com and click on "Battery Readiness Program").

How long can I leave the battery on the charger?

Do NOT leave batteries on the charger after they are fully charged and the Charger LED turns Green.
There is no practical benefit to leaving a MAXAIR Lithium Ion Battery connected to a MAXAIR Charger after it is fully charged.
Leaving batteries on chargers any longer than a maximum of 8-10 hours only increases risk of something between the mains power source and the battery to go wrong and adversely affect the battery.
Once the Charger Green LED turns on, disconnect the Battery from the Charger.

NOTE: Thoroughly review the MAXAIR Ensure Readiness Program for proper care and use of MAXAIR Batteries. (To view the MAXAIR Ensure Readiness Program, go to maxair-systems.com and click on "Battery Readiness Program").

If I don't use the system on a regular basis and only use it for emergency preparedness, how often does the battery need to be maintained?

Upon initial purchase, the battery is delivered and can be stored "as is" (at about 50% of full charge) and will provide 4-5 hours of use without being charged.
Thereafter, we recommend you recharge the battery at least annually or bi-annually.
Refer to the User's Instructions included with each Helmet shipment for details about intermittent use and long-term storage.

NOTE: Thoroughly review the MAXAIR Ensure Readiness Program for proper care and use of MAXAIR Batteries. (To view the MAXAIR Ensure Readiness Program, go to maxair-systems.com and click on "Battery Readiness Program").

There are no electrical outlets in the ante room. Where do you suggest we charge the battery?

Check with your Bio-Hazard / Bio-Engineering or Safety department for existing hospital protocol and procedures for charging batteries.

Batteries MUST NEVER be charged in patient care areas.

NOTE: Thoroughly review the MAXAIR Ensure Readiness Program for proper care and use of MAXAIR Batteries. (To view the MAXAIR Ensure Readiness Program, go to maxair-systems.com and click on "Battery Readiness Program").

Healthcare users are typically wearing scrubs. Do you have a belt to hold the battery?

Yes, a belt is supplied with all systems and is available for purchase as an add-on/replacement.

The MAXAIR Systems Belt and Battery may be worn under the outer infection control gown and therefore only one, standard belt is needed.

Additionally, as the Belt and Battery are worn under the infection control outer gown, de-con of the battery and belt is not required.

Do you have a gang charger?

A 6-Gang Charger, the 2602-06, is available and includes six, 2600-02 chargers clipped on a single bracket. It includes wall mounting hardware.

A 6-Gang Charger Bracket, the 2602-06B, is available for use with up to six existing 2600-02 chargers. A single, bracket-to-wall power cord and wall mounting hardware are included.

Other Parts & Accessories

Is the lens fog proof?

MAXAIR Helmets uniquely channel the airflow down the inside of the lens, in front of the user's face, maintaining a "fog free" lens and providing a cooling effect to the wearer.

How do we change out the comfort strips on the head band?

The Velcro backed foam strips are for comfort and hygiene on MAXAIR Systems.

Replace the comfort strips by simply pulling off the used ones and pressing on the new strips.

The CAPR Systems utilize a removable front headband comfort strip. The rear headband has a "cleanable" closed-cell foam strip that **does not need routine replacement**.

One 2000-201 Box contains 36 Comfort Strips, sufficient for 36 changes.

Where do I store (hang) my MAXAIR Systems?

The helmets are either stored in a cart, inside a cabinet in the anti room, or they may be hung at a location of choice on "J" hooks, or stored in a carry bag.

MAXAIR Systems has the following available and are described on our website, maxair-systems.com in the section MAXAIR CAPR > MAXAIR COMPONENTS > Storage And Deployment:

- 2000-204 "J" hooks, 6 hooks per bag
- 2782-06 MAXAIR Systems Cart, mobility/storage/security for up to 6 Systems plus all primary accessories
- 2000-SB Sample bag for carrying 1-2 MAXAIR Systems

Materials

Is there Latex in MAXAIR?

No. MAXAIR Systems, components, and disposables are Latex Free.

What material are the disposable cuffs, shrouds, and hoods made from?

Cuffs: Barrier Material and polyurethane/polypropylene.

Shrouds: White portions are polypropylene; Blue portions are polypropylene/polyurethane/polyethylene.

Hoods: Polypropylene, polypropylene modacrylic blend.

What material are the lenses made from?

Polycarbonate and PETG (DLC Cuffs).

Cleaning & Decontamination

What is the recommended decontamination procedure for MAXAIR?

Please refer to your institution's standard operating procedures for cleaning surfaces with blood or bodily fluid contamination.

For general cleaning of MAXAIR Helmets, Batteries, Chargers, Liners, Helmet Covers, and Power Cords, recommendations include a clean damp cloth and a mild application of a skin friendly soap.

For high level cleaning, MAXAIR recommends two alternatives –

- PDI Super Sani-cloth Germicidal Disposable Wipe, Q55172
- Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant, CLO30825

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Prior to use of any cleaning agent on any material, it is always recommended to try the agent on a test sample to determine short and long term effects for overall product and user safety.

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All MAXAIR Face/Head Covers are single use items and are not designed for cleaning and reuse.

MAXAIR Filters and Pre-Filters should be discarded as contaminated waste if they cause the Helmet Yellow LED to be lighted when the Helmet is powered on for more than about 10 seconds, as well as whenever soiled or otherwise contaminated with body fluids or visibly damaged.

Refer to Technical Bulletin MAXAIR Systems Cleaning, P/N 04123046 for details.