

Building Your MAXAIR CAPR® System

MAXAIR CAPR Systems are uniquely designed Powered Air Purifying Respirators 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. MAXAIR has pioneered the NO-Hose, integrated Helmet design, changing the standard for practical PPE.

1. CHOOSE YOUR BASE SYSTEM BATTERY SIZE

The base unit of the MAXAIR CAPR System consists of the Integrated Helmet, Battery Charger, Easy-Clip Battery Belt, and the Lithium-Ion Battery Pack. The Standard (Medium) CAPR's Lithium-Ion battery provides an 8–10 hour life between charges. The Large Battery CAPR System has a 12–15 hour life. Standard battery systems fully recharge in 4–6 hours, large battery systems in 5–7 hours. The large battery system typically costs less than 10% more per unit.

Base Unit Ordering Options

Part ID	Description	Battery Life	Full Recharge Time
CA-DLC-CAPR-36	CAPR SYSTEM, MEDIUM BATTERY	8–10 Hours	4–6 Hours
CA-DLC-CAPR-37	CAPR SYSTEM, LARGE BATTERY	12–15 Hours	5–7 Hours

2. CHOOSE YOUR FILTER TYPE

Both MAXAIR filters offer the same level of particulate filtration, however, the 2166-10 Nuisance Organic Vapor (N-OV) Filter Cartridge is a HE filter combined with charcoal odor filtration to provide an additional level of comfort and convenience. Because the odor filtration is accomplished utilizing charcoal, it is important to place the filter in an airtight container in between uses. This will ensure the life of your odor filter to roughly thirty active days.

Filter Ordering Options

Part ID	Description	Estimated Lifespan
2167-10	XP PLEATED FILTER CARTRIDGE (box of 3)	8–12 months
2166-10	XP N-OV FILTER CARTRIDGE (box of 3)	Particulate: 8–12 months Odor: 30 days

3. ADD YOUR PROTECTIVE FILTER COVER CAP & REPLACEMENT COMFORT STRIPS

The Filter Cover Cap serves two purposes. It provides physical protection for the Filter Cartridge. It also provides the attachment points for the Cuffs and Shrouds to provide face and head seals when used with the MAXAIR Helmets. The Velcro backed foam strips are for comfort and hygiene. 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.

Consumable Ordering Options

Part ID	Description	Estimated Lifespan
2061-08	Filter Cover Cap, No Adapters (box of 3)	Unlimited, unless damaged
2000-201	Front Comfort Strips (box of 36)	1–7 days, depending on use/preference

4. ADD YOUR DISPOSABLE LENS CUFFS

Disposable Lens Cuffs are typically the CAPR cover of choice for the majority of pathology labs, anatomy labs, and medical examiner offices. The DLCs are NIOSH approved and provide respiratory protection against airborne particulate contaminants when properly configured and donned with a MAXAIR CAPR® System. *Other shroud and hood covering options listed in the optional accessories section.*

Disposable Lens Cuff Ordering Options

Part ID	Description	Dimensions
2365-02 ML	DLC Lens-Cuff, MED/LG, carboard box (box of 40)	18.25" x 8.75" x 2.5"
2365-02 SM	DLC Lens-Cuff, SM/MED, carboard box (box of 40)	16" x 8.75" x 2.5"
2365RB 02ML	DLC Lens-Cuff ML plastic box (box of 40)	18.825" x 8.875" x 2.75"
2365RB 02SM	DLC Lens-Cuff SM plastic box (box of 40)	16" x 8.875" x 2.75"



www.mopec.com
800.362.8491
800 Tech Row
Madison Heights, MI
48071

See Reverse Side for Optional Accessories Available for the MAXAIR CAPR® System.

Accessorizing Your MAXAIR CAPR® System

In addition to replacement parts, MAXAIR provides everything from duffle bags to helmet hooks and full storage and deployment carts.

5. CONSIDER ADDITIONAL OPTIONAL ACCESSORIES

A number of optional accessories are available to help with the deployment, maintenance, and storage of your MAXAIR CAPR System.

Optional Accessories Ordering Options

Part ID	Description
2782-06	Cart, includes 6 battery charging stations
2762-01	Cart Helmet Shelf, internal
2742-01	Cart Storage Rack, external
2000-SB	MaxAir System Duffle Bag
2600-02	Li-Ion Battery Charger, single
2602-06	Li-Ion Battery Charger, 6-gang
2602-06B	Li-Ion Battery Charger Kit, 6-gang (no chargers)
2000-209	Back Headband Comfort Strip, box of 5
2000-204	Helmet Hook (box of 6)

6. EXPLORE OTHER PROTECTIVE COVER CONFIGURATIONS

Disposable Lens Cuffs are typically the CAPR cover of choice for the majority of pathology labs, anatomy labs, and medical examiner offices. The DLCs are NIOSH approved and provide respiratory protection against airborne particulate contaminants when properly configured and donned with a MAXAIR CAPR® System. Other shroud and hood covering options are available and can be considered if a higher level of APF is needed or desired. 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 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 provides
 - a. An improved “airborne contaminant seal”.
 - b. A filtered air escape mechanism

DLC, Shroud, and Hood Ordering Options

Part ID	Description
2365-02 ML	DLC Lens-Cuff, MED/LG, carboard box (box of 40)
2365-02 SM	DLC Lens-Cuff, SM/MED, carboard box (box of 40)
2365RB 02ML	DLC Lens-Cuff ML plastic box (box of 40)
2365RB 02SM	DLC Lens-Cuff SM plastic box (box of 40)
2260-05ML	DLC Shroud (Box of 20)
2260-05SM	DLC Shroud (Box of 20)
2261-01ML	DLC Double Shroud (Box of 20)
2261-01SM	DLC Double Shroud (Box of 20)
2271PB-07ML	Hood, Single Shroud, MED/LG (20/box)
2271PB-07SM	Hood, Single Shroud, SM/MED (20/box)
2272PB-07ML	Hood, Double Shroud, MED/LG (20/box)
2272PB-07SM	Hood, Double Shroud, SM/MED (20/box)



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