



CAPR®

The No-Hose PAPP



Product Catalog

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Configurations, Systems, and Components

Configuration: an ensemble or complete group of items required to completely outfit a person for respiratory protection.

System: The fundamental durable (reusable) components common to multiple configurations.

Components: The alternative single and limited use (disposable) and other configuration specific items chosen to complete a configuration.

Systems and System Components

Systems consist of a base of four items, a Helmet, a Battery, a Battery Belt, and a Battery Charger.

The Helmet and Battery choice drive the availability and choice of the remaining components of a given configuration.

The four MAXAIR CAPR Systems:

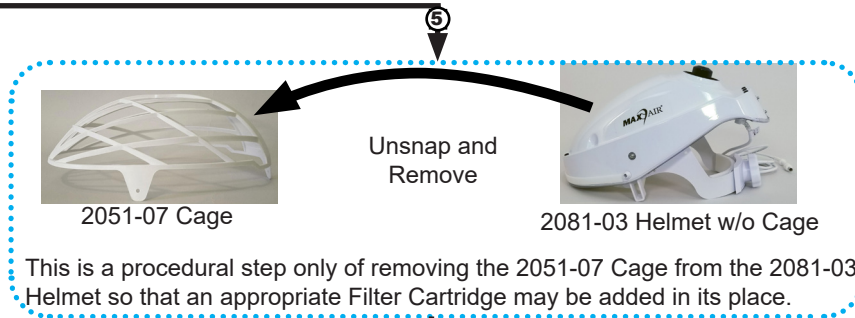
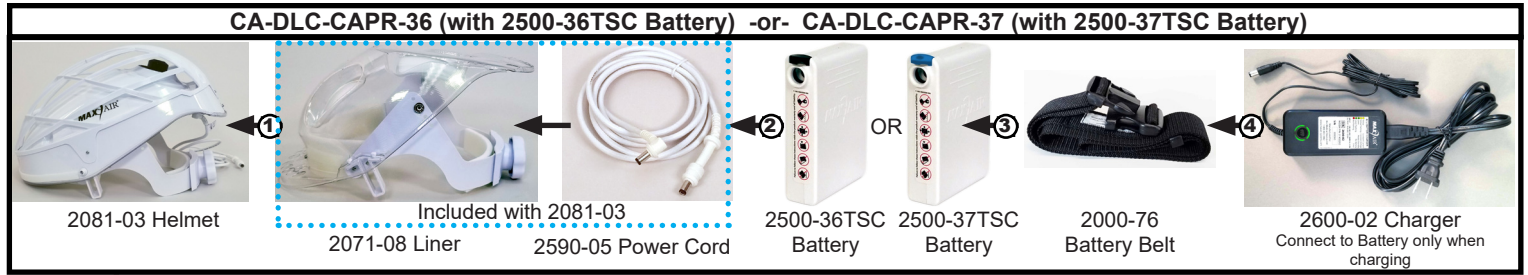
ITEM	O.N.	DESCRIPTION
CA-DLC-CAPR-36		
1	2081-03	Helmet - Helmet, Liner, Power Cord
2	2500-36TSC	Li-Ion Battery
3	2600-76	Battery Belt
4	2600-02	Li-Ion Battery Charger
CA-DLC-CAPR-37		
1	2081-03	Helmet - Helmet, Liner, Power Cord
2	2500-37TSC	Li-Ion Battery
3	2000-76	Battery Belt
4	2600-02	Li-Ion Battery Charger
CA-DLC-CAPR-HH-36		
1	2083-03	Helmet - Helmet, Liner, Power Cord
2	2500-36TSC	Li-Ion Battery
3	2000-76	Battery Belt
4	2600-02	Li-Ion Battery Charger
CA-DLC-CAPR-HH-37		
1	2083-03	Hard Hat Helmet - Hard Hat, Helmet, Liner, Power Cord
2	2500-37TSC	Li-Ion Battery
3	2000-76	Battery Belt
4	2600-02	Li-Ion Battery Charger

System Groups

Each System serves as the base of multiple alternative configurations, and the Systems are subdivided into two main groups relative to application functionality:

- A. Standard Systems (Non Hard Hat applications) - Cuffs, Shrouds, Hoods
 - CA-DLC-CAPR-36
 - CA-DLC-CAPR-37
- B. Hard Hat Systems - Cuffs, Shrouds
 - CA-DLC-CAPR-HH-36
 - CA-DLC-CAPR-HH-37

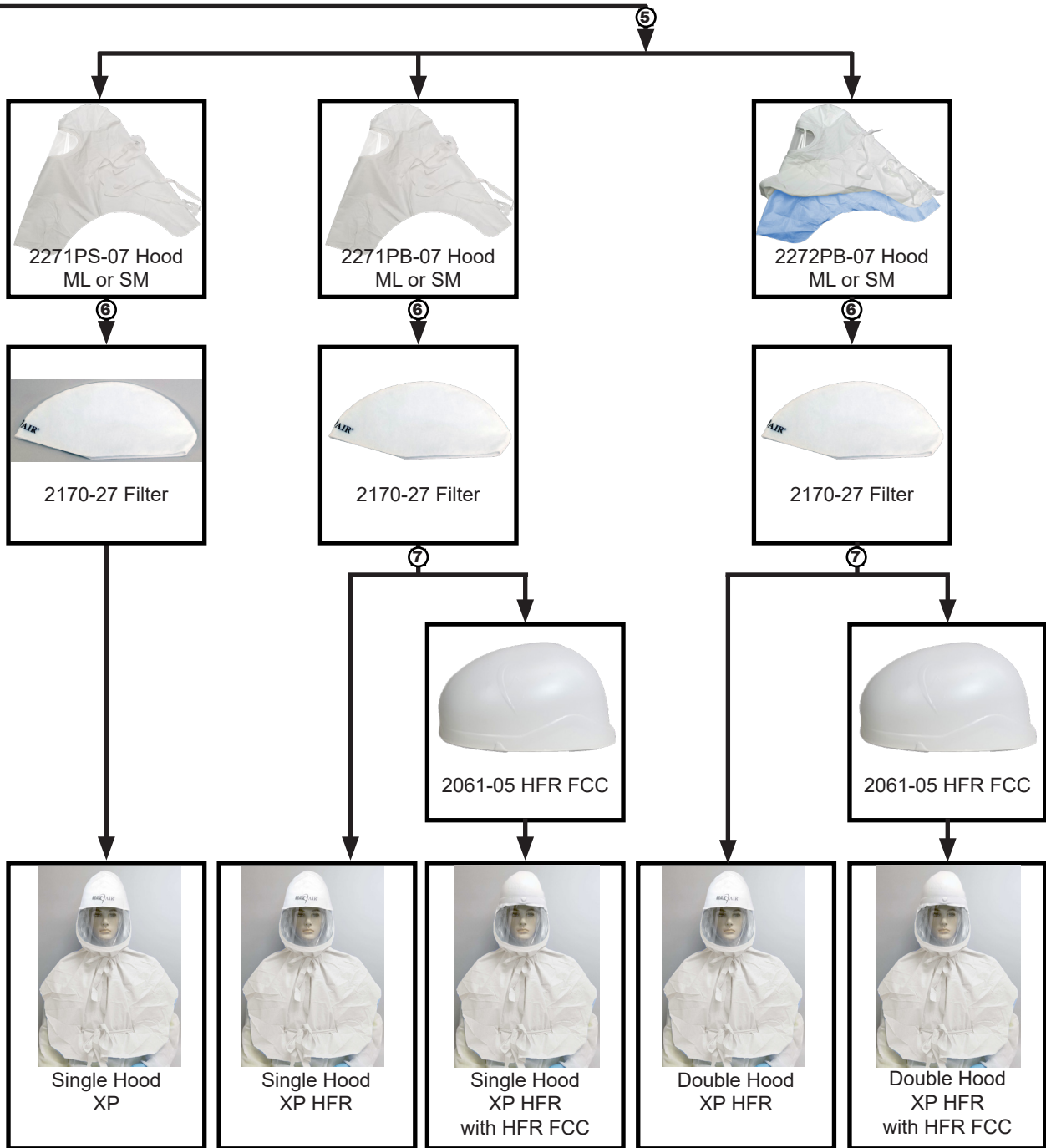
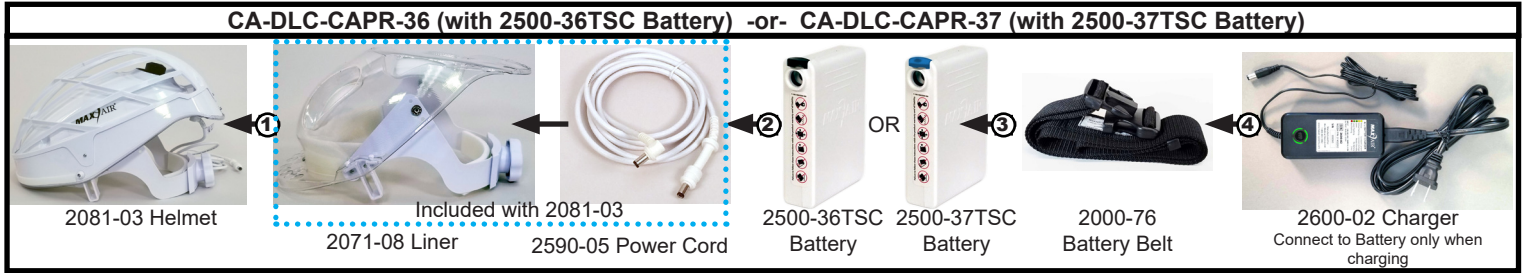
Cuff and Shroud System Configuration Group



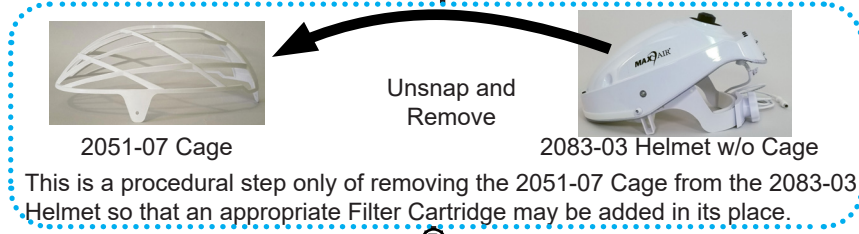
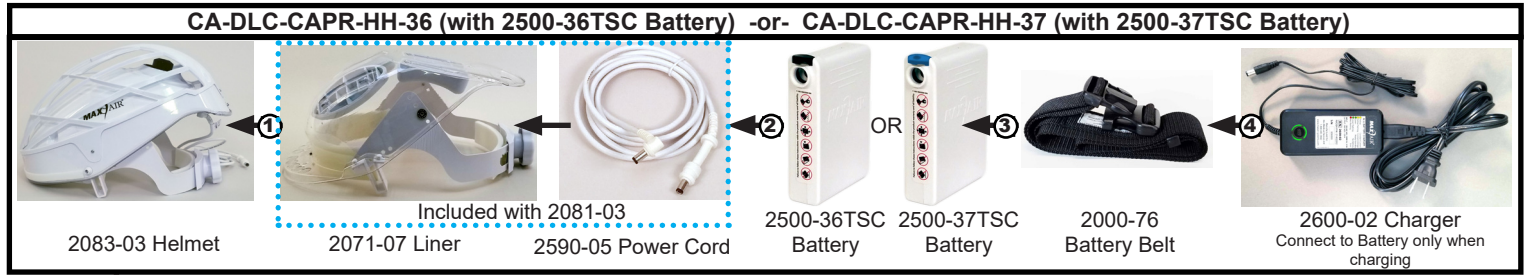
1. Alternate Filters:
2167-10 XP Filter Cartridge
2166-10 XP N-OV Filter Cartridge



Hood System Configuration Group



Hard Hat System Configuration Group



1. Alternate Filters:
2167-10 XP Filter Cartridge
2166-10 XP N-OV Filter Cartridge



System Components, Accessories, and Replacement Parts


Helmets, Helmet Options and Accessories, and System Storage

#	P/N	Description	QTY	
1	2081-04	Helmet Kit, pre-assembled: 2081-03 Helmet 2167-10 Filter Cartridge 2061-08 FCC	1/Box	
1	2081-03	CAPR Helmet with Standard Pad Liner, Power Cord, and Cage	1/Box	
2	2071-08	Liner, Standard Pad - only for 2081-03 Helmet	3/Box	
3	2083-03	CAPR Helmet with Extra Cushion Pad Liner, Power Cord, and Cage	1/Box	
4	2071-07	Liner, Extra Cushion Pad - for any CAPR Helmet (Mandatory Liner for all 2061-04A Hard Hat configurations)	3/Box	
5	2051-07	Cage for all CAPR Helmet Hood Configurations	3/Box	
6	2061-05	HFR FCC (High Fluid Resistance Filter Cover Cap), for Hood Configurations	3/Box	
7	2061-08	Filter Cover Cap (FCC) for any CAPR Helmet for Cuff and Shroud Configurations	3/Box	
8	2061-04A	Hard Hat for 2083-03 Helmet and any Helmet with the 2071-07 Liner	1/Box	
9	2400-090L	Impact Lens for 2061-04A Hard Hat	3/Box	





Helmets, Helmet Options and Accessories, and System Storage - cont'd

#	P/N	Description	QTY	
	2000-210	ChinStrap for 2061-04A Hard Hat, 4-point	5/Box	
11	2000-208	ChinStrap for 2061-04A Hard Hat, 2-point	5/Box	
12	2590-05	Power Cord, for 2081-03 and 2083-03 Helmets	1/Box	
13	2000-201	Comfort Strips, for front Headband of 2071-08 and 2071-07 Liners	36/Box	
14	2000-206	Foam Pad Replacement Kit for 2071-08 Liner	5/Box	
15	2000-209	Liner Back Headband Pad Kit, for all CAPR Liners	5 pads/Box	
16	2099-03	Large Pad Replacement Kit for 2071-07 Liner	3 Sets of 4/Box	
17	2099-05	Liner Side Tabs Kit, for 2071-08 and 2071-07 Liners	3 Pairs /Box (Each pair includes a Right and Left side Tab)	
18	2099-09	ChinBar, for 2071-08 and 2071-07 Liners	3/Box	
19	2099-10	Adapter Kit for CAPR 2081-03, 2083-03 Helmets	15 Sets/Box	
20	2099-12	Adapter Kit for CAPR 2061-08 Filter Cover Caps	15 Sets/Box	




Helmets, Helmet Options and Accessories, and System Storage - cont'd

#	P/N	Description	QTY	
19	2782-06	Cart for MAXAIR Systems and accessories	1/Box	
20	2762-01	Cart optional add-on internal storage shelf (2782-06 Cart only)	1/Box	
21	2742-01	Cart optional add-on storage rack for either end of Cart (2782-06 Cart only)	1/Box	
22	2000-SB	Sample Bag, holds up to two MAXAIR Helmets and some accessories	1/Box	
23	2000-204	Helmet Hooks for any MAXAIR Helmet	6/Box	



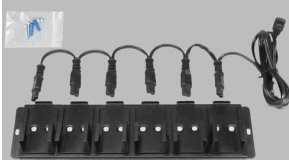
Filters

#	P/N	Description	QTY	Filter Cartridge
1	2180-05	HE Filter Cap for any MAXAIR Systems Cuff or Shroud Configuration	6/Box	
2	2166-10	XP Nuisance Organic Vapor (N-OV) Filter Cartridge, for any MAXAIR Systems Cuff or Shroud Configuration	3/Box	
3	2167-10	XP Filter Cartridge, for any MAXAIR Systems Cuff or Shroud Configuration	3/Box	
4	2170-27	HLF (Heavy Loading Filter for "-07" Hoods)	20/Box	

Batteries and Belts



#	P/N	Description	QTY	
1	2500-36TSC	Li-Ion Battery, 4 Cell, maximum 8-10 Hr/ Charge	1/Box	
2	2500-37TSC	Li-Ion Battery, 4 Cell, maximum 12-15 Hr/ Charge	1/Box	
3	2000-76	Battery Belt, for all MAXAIR Batteries	1/Bag	

Chargers

#	P/N	Description	QTY	
1	2600-02	Battery Charger, Single, for all MAXAIR Li-Ion Batteries	1/box	
2	2602-06	6 Gang Charger, six 2600-02 chargers per single power connection, for all MAXAIR Li-Ion Batteries	1/box	
3	2602-06B	6 Gang Charger Bracket, holds up to six 2600-02 Chargers, NOT included, all connected to a single power connection	1/box	

Face and Head Covers




Cuffs and Shrouds

#	P/N	Description	QTY	
1	2365-02SM 2365RB-02SM	Cuff Small/Medium	40/Box	
	2365-02ML 2365RB-02ML	Cuff – Medium/Large	40/Box	
2	2366-02SM 2366RB-02SM	Cuff, for use with 2061-04A Hard Hat - Small/Medium	40/Box	
	2366-02ML 2366RB-02ML	Cuff, for use with 2061-04A Hard Hat - Medium/Large	40/Box	
3	2260-05SM	Shroud – Small/Me- dium	20/Box	
	2260-05ML	Shroud – Medium/ Large	20/Box	
4	2261-01SM	Double Shroud – Small/Medium	20/Box	
	2261-01SM	Double Shroud – Small/Medium	20/Box	
5	2264-01SM	Shroud, for use with 2061-04A Hard Hat – Small/Medium	20/Box	
	2264-01ML	Shroud, for use with 2061-04A Hard Hat – Medium/Large	20/Box	

NOTE: “RB” Cuffs are in Reusable Box (plastic) packaging

Face and Head Covers

Hoods

#	P/N P/N	Description	QTY	
1	2271PS-07ML	XP Hood, Single Medium/Large, includes the HLF (Heavy Loading Filter)	20/Box	
	2271PS-07SM	XP Hood, Single Small, includes the HLF (Heavy Loading Filter)	20/Box	
2	2271PB-07ML	XP Hood, Single Medium/Large, includes the HLF (Heavy Loading Filter)	20/Box	
	2271PB-07SM	XP Hood, Single Small, includes the HLF (Heavy Loading Filter)	20/Box	
3	2272PB-07ML	XP Hood, Double Medium/Large, includes the HLF (Heavy Loading Filter)	20/Box	
	2272PB-07SM	XP Hood, Double Small, includes the HLF (Heavy Loading Filter)	20/Box	

General Maintenance, Storage, and System recommendations

(Refer to the Users Instructions, P/N 03521015 for COMPLETE DETAILS)

Decontamination

Supplies Needed:	Frequency:	Accomplishes:
<ul style="list-style-type: none"> Decontaminating wipe Decontaminating Agent: Alcohol. 	<ul style="list-style-type: none"> Wipe between uses and between different users wearing the system. 	<ul style="list-style-type: none"> Reduces cross contamination. Extends useful life. Improves hygiene.
Procedure:		
1. Inspect the system and perform any assembly/disassembly instructions necessary for disposable items and for all components that have become worn or damaged.	2. Apply a suitable wipe with a decontaminating agent over all outside reachable surfaces, and then over all inside surfaces.	3. Let air dry and re-assemble or place in storage.



NOTE

If desired, replace the DLC, Helmet Liner, Filter Cartridge, or Filter Cover Cap by following their assembly and disassembly procedures.

Replace the Front Headband Comfort Strips.

The rear Closed Cell Foam comfort pad may be cleaned for reuse by wiping down the outer surfaces with a decontaminating wipe.

Cleaning

Supplies Needed:	Frequency:	Accomplishes:
<ul style="list-style-type: none"> Clean Damp Cloth Cleaning Agent: Mild application of skin friendly soap. 	<ul style="list-style-type: none"> Wipe between uses and between different users wearing the system. 	<ul style="list-style-type: none"> Reduces cross contamination. Extends useful life. Improves hygiene.
Procedure:		
1. Use a damp cloth with cleaning agent to clean all outer and inner exposed surfaces.	2. Let air dry.	



NOTE

If desirable, replace the damaged or soiled Front Headband Comfort Strip.

The rear Closed Cell Foam comfort strip may be cleaned for reuse.

Specifications

These specifications are typical values and recommended conditions for general safe and reliable use and handling of MAXAIR Systems, components, and accessories. This information is not a list of absolute minimum and maximum ranges that individual components and/or materials may withstand.

System - General

CAPR SYSTEM		
#	PROPERTY	SPECIFICATIONS (NIOSH reference)
1	Complete Device Classification	PAPR, Loose Fitting
10	Fit Factor	Minimum 500
11	Maximum allowable Percent Leakage: Dioctyle-Phthalate Test	0.03% @ 107 LPM
12	Minimum allowable NaCl efficiency	99.97% @ 125 lpm
14	Minimum Airflow	170 LPM
16	Noise Level	80 dBA limit
18	Filter Classification	HE*

“*”= NIOSH approved HE protection filters can be used for protection against particulate aerosols containing oil. However, for reliable operation and desirable useful run time, Bio-Medical Devices Intl does not recommend Filter Cartridge use against particulate aerosols containing oil.

System and Battery Recommended Temperature Ranges

Degrees Centigrade		Degrees Fahrenheit		Activity
min.	max.	min.	max.	
0	54	32	129	Handling & Transporting
0	54	32	129	Use/Discharging
0	45	32	113	Charging
0	35	32	95	Storage

Batteries - Specific

2500-30TSC/ 2500-37TSC/ 2500-36TSC Battery Specification			
IPXO Ordinary Equipment			
Duty Cycle: Continuous Operation.			
#	PROPERTY	SPECIFICATIONS	
		All Filters excluding 2166-10	Filter 2166-10
1	Minimum Continuous Operating Time: 2500-36TSC	4 Hrs. (Typical 4-10 hr./Charge)	N/A
2	Minimum Continuous Operating Time: 2500-37TSC	6 Hrs. (Typical 6-15 hr./Charge)	4 Hrs. (Typical 4-9 hr./Charge)
3	Charge Input	16.8V; 1A	
4	Electrical Output: 2500-36TSC	14.8V; 2.25Ah	
5	Electrical Output: 2500-37TSC	14.8V; 3.35Ah	
6	Electrical Output: 2500-30TSC	14.8V; 4.50Ah	
2600-01 Charger Specification			
#	PROPERTY	SPECIFICATIONS	
1	Complete Charge for 2500-36TSC, 2500-37TSC	4-6 Hours for a Fully Drained Battery	
2	Electrical Output	Up to 16.8V; Up to 0.9A	
3	Electrical Input	100-240 VAC; 50-60Hz; 0.3A	

Typical Battery Charging Times

CHARGING TIME		
BATTERY	2600-01 Charger	
	Typical	Maximum
2500-37TSC	3.8 hrs	7.5 hrs
2500-36TSC	2.5 hrs	5.0 hrs



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