

C430 MULTI-HAZARD PAPR SYSTEM

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NIOSH APPROVED:

TC-23C-2321

The new SafetyTech C430 Multi-Hazard system is a high air flow Powered Air Purifying Respirator (PAPR) offering those exposed to potentially dangerous respiratory threats the ability to perform physically demanding tasks while providing a high level of protection. PAPR systems provide a constant flow of purified air to the head cover, protecting workers from Chemical, Biological, Radiological, and Nuclear contaminants. The NIOSH Approved system features a reusable, lightweight butyl hood with an integrated breathing hose for connection to the PAPR Blower. The loose-fitting hood eliminates the need for fit testing and accommodates facial hair and prescription glasses. The PAPR can be worn with a comfortable padded waist belt or shoulder harness and is battery powered for maximum mobility.

APPLICATIONS:

- Decontamination teams
- Rescue & Recovery teams
- First Receivers
- Industrial Chemical, and HAZMAT spill clean up
- Clandestine (Methamphetamine) lab clean up
- Crime Scene clean up
- Fire Scene mop-up
- Adaptable to other applications (e.g. Welding, Woodworking, etc.)

FEATURES & BENEFITS:

- **No Fit Testing Required**
- Preserves strength & mental acuity
- Reduces pulmonary stress
- Standard 40mm filter ports
- One-size-fits-all butyl hood
- Independent Low Flow and Low Battery alarms
- Multiple battery power options available
- Accommodates facial hair and prescription glasses
- Compact profile
- Easily decontaminated
- Available with shoulder harness and a variety of head covers



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ORDERING INFORMATION:

- Order by Kit number. All parts under “Composed of” are included in the kit.
- Choose battery solution, storage option, or additional accessories and list part number(s) separately.

Part Number	Description
M-60183-001	C430 Multi-Hazard PAPR Kit
Composed of:	
M-60165-001	C430 Blower, Single Speed Toggle
10072237 3-required per system	SafetyTech GME Multi-Gas / HE Cartridge (HE/AM/CD/CL/FM/HC/HS/MA/OV/SD)
S-30112-001	Airflow Indicator (AFI) 4-6 CFM
S-40076-001	Butyl Hood w/ Lightweight Butyl Covered Hose
S-30021-001	Decon Waist Belt 70" L x 2" W
S-30132-001	Comfort Pad for Waist Belt
Optional Accessories:	
S-10079-001	Molded Carrying Case 19" x 14" x 7 1/8"
S-45126-001	SafetyTech Canvas Storage w 3 zippered pockets
M-20020-001	LiSO2 Battery Pack Assy (BA 5800)
S-20110-001	Li-Ion, Rechargeable Battery Pack
S-20102-001	NiMH Rechargeable Battery Pack (off-board)
S-20101-001	Battery Adapter w/3-Socket Connector (used with NiMH Battery Pack)
S-20106-001	Li-Ion Battery Charger w/Barrel Plug
S-20103-001	NiMH Rapid Battery Charger w/3-Socket Connector
S-30019-001	Web Waist Belt 60" L x 2" W

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TECHNICAL SPECIFICATIONS:

Flow Rate	High Flow: > 170 LPM
Power Options:	
• Lithium Ion/ Duration	8 hrs On-Board / Removable for Charging
• NiMH/Duration	4-6 hrs (off board solution in (2) D-size battery pack)
• LiSO2/Duration	8 hrs disposable mission battery w 10 year shelf life)
Filter / Cartridge	GME Multi-Gas HE Cartridge (HE/AM/CD/CL/FM/HC/HS/MA/OV/SD)
Alarms	Low Flow and Low Battery Alarms <ul style="list-style-type: none"> • Steady Tone for Low Flow • Intermittent Beep for Low Battery
Operating Temperatures	Li-Ion & LiSO2 batteries: -20°C to +49°C (-4°F to +120°F) NiMH Battery: 0°C to +49°C (32°F to +120°F)
Decontamination	Decontaminable
Overall Dimensions (C430 PAPR Blower)	(w/o cartridges) Width: 88 mm (3.48") Height: 225 mm (8.87") Length: 232 mm (9.13")
Weight of C430 Blower w/ Battery	1204 gr (2.65 lb) Blower & battery 2440 gr (5.38 lb) W/3 GME cartridges