



SCOTT
Fire & Safety

3M™ Scott™ C420 Plus

Emergency CBRN Powered
Air-Purifying Respirator



Brochure

Release 1, June 2018



Rugged and Reliable

The C420 Plus PAPR is designed for use in demanding CBRN environments that require a dependable, powered air-purifying respirator. The PAPR blower is EMI shielded to Mil-STD 461C and will not interfere with radio communications. It is protected from water and dust damage, and can be easily decontaminated. The C420 Plus PAPR is ideal for fire departments, law enforcement agencies and federal first responders who require non-IDLH respiratory protection over an extended period of time.



NIOSH CBRN Approved

The C420 Plus PAPR is NIOSH CBRN approved when used with specific AV-3000 SureSeal, AV-2000 or M120 facepieces, CBRN Cap-1 Canisters and approved breathing tubes.

Reduce Inventory with Dual Use Facepieces

The C420 Plus PAPR can be used with a variety of facepieces, including the AV-3000 SureSeal, AV-2000 and M120. These facepieces are also easily converted to APR use, simplifying your inventory requirements.

Battery Options

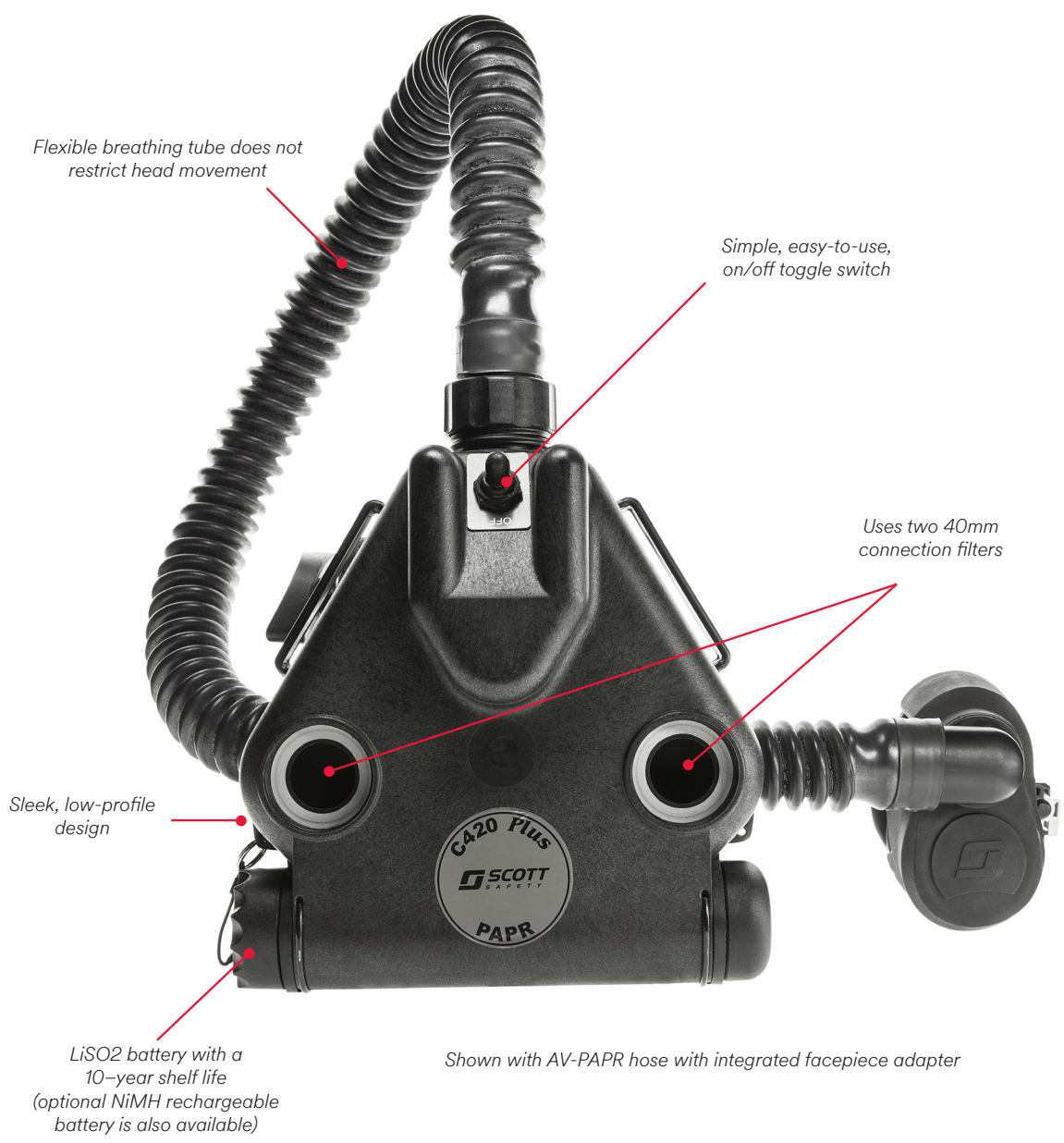
The C420 Plus PAPR comes standard with a lithium sulfur dioxide (LiSO₂) BA 5800 battery pack. This battery has a run time of up to eight hours and a 10-year shelf life. A rechargeable, NIOSH approved, nickel metal hydride (NiMH) battery is also available

NON-CBRN Usage

When used with other approved 40mm cartridges (P100/HE, MPC40PF, MPC Plus or Enforcement), the C420 Plus PAPR is NIOSH approved for protection against toxic industrial chemicals (TICs). Additional facepieces are available for non-CBRN use.

Key Specifications

- Approved for both CBRN and non-CBRN applications
- Single facepieces for multiple application
- Dual battery options standard LiSO₂ BA5800 battery pack and optional NiMH rechargeable battery



Flexible breathing tube does not restrict head movement

Simple, easy-to-use, on/off toggle switch

Uses two 40mm connection filters

Sleek, low-profile design

LiSO2 battery with a 10-year shelf life (optional NiMH rechargeable battery is also available)

Shown with AV-PAPR hose with integrated facepiece adapter

CBRN approved facepieces*



AV-3000 SureSeal Kevlar® Head Harness



AV-2000 Kevlar Head Harness



M120

* Additional facepieces are approved for non-CBRN use

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Specifications and Ordering information

Blowers & PAPR Kits (For use with M120 Facepiece - sold separately)

Part Number	Description
200710-30	Blower, LiSO2 Battery, Decon Belt, 30" CBRN Breathing Tube
200710-36	Blower, LiSO2 Battery, Decon Belt, 36" CBRN Breathing Tube

Blowers & PAPR Kits (For use with AV-2000 & AV-3000 SureSeal Facepiece - sold separately)

200833-30	Blower, LiSO2 Battery, Decon Belt, 30" CBRN AV- PAPR Hose
200833-36	Blower, LiSO2 Battery, Decon Belt, 36" CBRN AV- PAPR Hose

M120 Facepieces

013013	Medium/Large
013014	Small

AV-3000 Sureseal Facepieces

805773-81	Small Faceseal, Kevlar Head Harness
805773-82	Medium Faceseal, Kevlar Head Harness
805773-83	Large Faceseal, Kevlar Head Harness

Cartridges and Canisters

045135	CBRN Cap-1 Canister
045170	MPC40PF (CL/CD/HC/HF/HS'/SD/AM/MA/FM/OV/HE)
805557-01	MPC Plus Cartridge (CL/CD/HC/HF/SD/AM/MA/FM/HE)
045123	Enforcement Cartridge (CL/CD/HC/HF/SD/AM/MA/FM/PH/HE/CS/CN)
052683	P100/HE Filter

Accessories

31000578	Scott Duffle Bag Carry Case
805358-01	LiSO2 Battery (10 year shelf life from date of manufacture)
200701-01	NiMH Rechargeable Battery Conversion Kit
200703-01	Single Unit Battery Recharger
200829-30	30" AV-PAPR Hose
200829-36	36" AV-PAPR Hose
200700-30	30" M120 Breathing Tube
200700-36	36" M120 Breathing Tube

Note 1: For escape only

Kevlar® is a register trademark of E.I. Du Pont de Nemours and Company.



3M Scott Fire & Safety

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