

C420 PLUS PAPR

CBRN POWERED AIR-PURIFYING PROTECTION FOR FIRST RESPONDERS



SCOTT
HEALTH & SAFETY



C420 PLUS PAPR

THE PERFECT SOLUTION FOR CBRN ENV

The First Choice for First Responders

Powered air-purifying respirators make sense for CBRN domestic preparedness operations and, the Scott C420 Plus is the first choice for first responders. The C420 Plus PAPR is a powered air-purifying respirator that uses a blower to force ambient atmosphere through air-purifying canisters to the user's facepiece. In hostile or extended wear situations, the C420 Plus PAPR fanning effect helps keep the facepiece from fogging, while eliminating the additional pulmonary stress associated with a non-powered respirator. The C420 Plus PAPR provides a cooling effect and lightweight design which extends user wear times in humid or hot environments. The C420 Plus PAPR is NIOSH CBRN approved when used with the Scott M120 facepiece and CBRN Cap-1 canister.

Rugged and Reliable

Scott's C420 Plus PAPR is designed for use in CBRN environments that require a dependable, powered air-purifying respirator. The C420 Plus PAPR's sleek, low profile will not hinder entries and exits when dealing with harmful environments.

The C420 Plus PAPR is ready to go when you are. Included is a lithium sulfur dioxide battery pack with a 10-year shelf life. It is also available with a NIOSH approved nickel metal hydride rechargeable battery.



IRONMENTS



User-friendly and Complete

The C420 Plus PAPR is belt mounted and designed to ride in the small of the wearer's back for the ultimate in comfort and support. The unit's motor is shielded to MIL STD 461C so it will not interfere with radio communications. The C420 Plus PAPR comes complete with blower unit assembly, waist belt, breathing tube assembly and air flow indicator. Power to the unit is controlled by a single on/off toggle switch. The flexible breathing tube was designed specifically to meet NIOSH CBRN testing and does not restrict head movement. Thorough decontamination against CBRN agents and other industrial chemicals is made easy with detachable parts that can be cleaned according to the situation encountered.

M120 CBRN Facepiece Solution

A critical component of the C420 Plus PAPR is the tight-fitting facepiece. The M120 facepiece not only provides a secure fit, but offers users a unique Scott advantage. The M120 facepiece is a central component on Scott's CBRN respiratory options. So, fit testing with the M120 facepiece for use on the C420 Plus PAPR means no additional fit testing when using the same model M120 facepiece for CBRN air-purifying applications.

The M120 facepiece features a hardcoated lens that provides a wide field of vision and meets the stringent NIOSH CBRN approval testing. The M120 facepiece also has a rubber head harness for easy cleaning and decontamination.



NIOSH CBRN APPROVED — MEETS STRICT MIL-SPEC REQUIREMENTS

Scott's C420 Plus PAPR is NIOSH CBRN approved with the M120 facepiece and the Cap-1 canister and is ideal for fire departments, police and first responders for protection during CBRN related incidents. It is designed for use in extreme environments and meets rigid Mil-Spec requirements ensuring that the C420 Plus PAPR will not interfere with necessary communication systems.

ORDERING INFORMATION

C420 PLUS PAPR FOR FIRST RESPONDERS

C420 Plus PAPR Specifications	
Weight	4.24 lbs (1.9kg), 5.25 lbs (2.4kg) with M120 CBRN Facepiece
Air Flow	4 CFM
Belt	Polyurethane Coated Nylon Webbing
Hose	CBRN Approved (30 inch and 36 inch Available)
Battery Options	Lithium Sulfur Dioxide and Nickel Metal Hydride Rechargeable

C420 Plus PAPR Assembly	
Part Number	Description
200710-30	C420 Plus PAPR Kit (Blower, 30 inch breathing hose, decontamination belt, lithium sulfur dioxide battery, airflow indicator)
200710-36	C420 Plus PAPR Kit (Blower, 36 inch breathing hose, decontamination belt, lithium sulfur dioxide battery, airflow indicator)
013013	M120 CBRN Facepiece, Medium/Large
013014	M120 CBRN Facepiece, Small
045135	CBRN Cap-1 Canister
200701-01	NiMH Rechargeable Battery Conversion Kit, C420 Plus (Single Bank Charger, NiMH Battery, End Cap)

Note: A CBRN approved C420 PAPR consists of a C420 Plus PAPR Kit, (1) M120 facepiece and (2) CBRN Cap-1 Canisters. These are ordered as separate components.

C420 Plus PAPR Accessories and Spare Parts	
Part Number	Description
805358-01	Lithium Sulfur Dioxide (LiSO ₂) Battery Pack, 10-Year Shelf Life
012798	Spectacle Kit, M120
31001504	NiMH Rechargeable Battery Pack
200703-01	Battery Charger, Single Bank, C420 Plus
31001506	End Cap For NiMH Rechargeable Battery
200373-52F	52mm Lens Kit — Frame Only (For Prescription) 60mm Also Available
200373-52B	52mm Lens Kit — Blue Metallized Surface Lens (MSL™), 60mm Also Available
200373-52S	52mm Lens Kit — Silver Metallized Surface Lens (MSL™), 60mm Also Available
200373-52Y	52mm Lens Kit — Yellow Metallized Surface Lens (MSL™), 60mm Also Available
200373-52G	52mm Lens Kit — Grey Metallized Surface Lens (MSL™), 60mm Also Available

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