



The Americas

PRODUCT CATALOG

2016

Version 1.0





The Americas

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20% restocking charge for returns

Minimum order value of \$250 per transaction

Disclaimer: As Avon continues to make improvements to our products, some part numbers and descriptions are subject to change

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PC50™

The Avon PC50 Air Purifying Respirator (APR) is based off the widely deployed C50™ and is designed and approved for use as a Non-CBRN respiratory device, providing protection in dangerous and contaminated environments, against certain solid and liquid respirable particles, gases, vapors and the splash of liquid chemicals.

The PC50 was specifically developed for the targeted user groups that demand a robust, field proven, competitively priced military pedigree product that meets their operational needs.

The Avon PC50 is available in three sizes, with either left or right hand 40mm canister mounts that accept traditional or conformal Canisters. The standard communication port allows the ability to connect with other radios. The PC50 head harness provides a comfortable and secure fit and is designed for rapid donning and doffing. The Avon PC50 may be fitted with a vision correction system and a variety of outserts for specific operational situations. Designed for the lowest cost of ownership and maximum reliability.

The PC50 is NIOSH approved for use with the Riot Control CTCF50 Canister providing protection against CS-CN agents in both vapor and aerosol form and particulate matter.



PC50 APR	
INCLUDES	
p/n	Description
	PC50 APR Assembly
70501-53	Faceform
70501-612	PC50 User Manual
p/n	Description
70501-632	PC50 APR Assembly LGE
70501-633	PC50 APR Assembly MED
70501-634	PC50 APR Assembly SML

PC50 ENFORCER KIT	
INCLUDES	
p/n	Description
	PC50 APR
70501-156	Clear Outsert Assembly
71510-157	Sunlight Outsert Assembly
72606-2	CTCF50 Riot Canister (Sold in packs of 4 -72606-3)
72601-53	Faceform
p/n	Description
70501-628-1	PC50 Enforcer Kit LGE
70501-628-2	PC50 Enforcer Kit MED
70501-628-3	PC50 Enforcer Kit SML



C50™

The Avon C50 APR is the NIOSH certified variant of the DOD JSGPM/M50 APR.

Available in 3 sizes, the C50 features a panoramic flexible visor, Electronic Communication Port (ECP) and high-flow fail-safe hydration device.

The C50 APR is NIOSH certified in the following configurations:

- C50 is NIOSH CBRN Cap 1 approved with the CBRN Canister
- C50 is NIOSH 42 CFR 84 riot control CS-CN-P100 approved with the CTCF50 Canister
- NFPA 1994 Class 3 Approved with several suit ensembles
- Optional Voice Projection Unit (VPU) with internal microphone
- Full range of Outserts available
- Vision Correction System allows prescription lenses to be mounted inside the mask

The C50 meets the latest NATO military standards.

The Canister side can be changed left or right using Canister Mount Plug Tool (70501-161)

The C50 is supplied with a black storage bag and end user instructions.

The C50 First Responder kit has been specifically developed with the help of industry experts to provide a total CBRN respiratory solution for the end user. The kit provides a reduced acquisition cost when compared to purchasing the included items separately.



C50 CBRN TWIN PORT APR

INCLUDES

p/n	Description
	C50 APR Assembly
70501-53	Faceform
70501-227	Storage Bag
70501-84	User Instructions
p/n	Description
70501-187	C50 APR Assembly LGE
70501-188	C50 APR Assembly MED
70501-189	C50 APR Assembly SML

C50 FIRST RESPONDER KIT

INCLUDES

p/n	Description
	C50 CBRN Twin Port APR
70501-156	Clear Outsert Assembly
70501-157	Sunlight Outsert Assembly
72602-2	CBRNCF50
72606-2	CTCF50 Riot Canister (Sold in packs of 4 -72606-3)
72601-32	Universal Carrier
70501-227	Storage Bag
72601-53	Faceform
p/n	Description
70501-555	C50 First Responder Kit LGE
70501-556	C50 First Responder Kit MED
70501-557	C50 First Responder Kit SML

FM50™

The FM50 APR is a commercial derivative of the Avon JSGPM/M50 military APR that utilizes the M50's unique conformal Canister configuration for military and specialist applications.

The FM50 twin conformal Canister APR system provides a close-to-face, streamlined design for optimal weapons integration, weight distribution and user comfort. The FM50 is the lowest burden/lowest breathing resistance mask on the market attributable to the twin Canisters. Self-sealing valves allow the user to change Canisters without compromising respiratory protection levels.

- Full range of Outserts available
- Vision Correction System allows for prescription lenses to be mounted inside the mask
- Advanced reflex seal for excellent helmet integration

Available in 3 sizes, the FM50 features a panoramic flexible visor, Electronic Communication Port (ECP), high-flow fail-safe drink device and low profile twin Canisters with a bayonet quick fit connection.



FM50 APR	
INCLUDES	
p/n	Description
	FM50 APR Assembly
72601-53	Faceform
71601-30	FM50 Operator and Maintenance Manual
p/n	Description
71400-1	FM50 APR Assembly LGE
71400-2	FM50 APR Assembly MED
71400-3	FM50 APR Assembly SML

FM50 APR SYSTEM	
INCLUDES	
p/n	Description
	FM50 APR
71601-1-1	FM61 Primary Canisters (Pair)
70501-156	Clear Outsert Assembly
71601-30	Operator Manual
72601-48	APR Carrier (Black)
p/n	Description
71450-1	FM50 APR System LGE
71450-2	FM50 APR System MED
71450-3	FM50 APR System SML

FM53™

The Avon FM53 APR was developed to meet the unique requirements of specialist end-users in the field. The APR, based on the U.S. M50/M53 military technology, provides maximum operational flexibility to counter multiple threat scenarios, including chemical, biological, radiological and nuclear (CBRN) agents, Toxic Industrial Chemicals (TICs), and Toxic Industrial Materials (TIMs).

The FM53 APR is NIOSH certified in the following configurations:

- FM53 APR with CTCF50 Canister Certified under 42 CFR 84
- FM53 APR with CBRNCF50 Canister Certified under CBRN APR Standard Cap1 with Voice Projection Unit System as standard

Available in four sizes for customized protection to accommodate all operators.

Removable outserts are available to provide additional less lethal ballistic protection, comfortable operation in sunlight, and blue light filtration for sharper sighting.

Fail safe drink system connects directly to Avon CamelBak™ hydration reservoir and canteens

The FM53 APR is certified with several Class 3 NFPA suit ensembles.

Integrated voice communications capability with internal microphone for both radio and voice projection unit use. Additional electronic pass-through for external radio use.

The FM53 specialist kit has been specifically developed with the help of industry experts to provide a total CBRN respiratory solution for the end user. The kit provides a reduced acquisition cost when compared to purchasing the included items separately.

This kit is standard on ST53 SCBA systems.



FM53 APR	
INCLUDES	
p/n	Description
	FM53 APR
72601-15	Voice Projection Unit w/Microphone Assembly
72601-97	Storage Bag
72601-53	Storage Faceform
72601-59	FM53 User Manual
72601-57	Plug Removal Tool (Twin Port only)
FM53 SINGLE PORT APR	
p/n	Description
72601-250-1	FM53 APR Assembly RH LGE
72601-250-4	FM53 APR Assembly RH MED
72601-250-7	FM53 APR Assembly RH SML
72601-250-10	FM53 APR Assembly RH XS
72601-250-2	FM53 APR Assembly LH LGE
72601-250-5	FM53 APR Assembly LH MED
72601-250-8	FM53 APR Assembly LH SML
72601-250-11	FM53 APR Assembly LH XS
FM53 TWIN PORT APR	
72601-250-3	FM53 APR Assembly Twin Port LGE
72601-250-6	FM53 APR Assembly Twin Port MED
72601-250-9	FM53 APR Assembly Twin Port SML
72601-250-12	FM53 APR Assembly Twin Port XS

FM53 SPECIALIST RESPONDER KIT	
INCLUDES	
p/n	Description
	FM53 APR
70501-156	Clear Outsert Assembly
70501-158	Blueblocker Outsert Assembly
72602-2	CBRNCF50
72606-2	CTCF50 Riot Canister (Sold in packs of 4 -72606-3)
72601-32	Universal Carrier
72601-97	Storage Bag
72601-53	Faceform

FM53 SINGLE PORT SPECIALIST RESPONDER KIT	
p/n	Description
72601-220	FM53 Specialist Responder Kit RH LGE
72601-221	FM53 Specialist Responder Kit RH MED
72601-222	FM53 Specialist Responder Kit RH SML
72601-223	FM53 Specialist Responder Kit RH XS
72601-224	FM53 Specialist Responder Kit LH LGE
72601-225	FM53 Specialist Responder Kit LH MED
72601-226	FM53 Specialist Responder Kit LH SML
72601-227	FM53 Specialist Responder Kit LH XS

FM53 TWIN PORT SPECIALIST RESPONDER KIT	
72601-228	FM53 Twinport Special Ops Kit LGE
72601-229	FM53 Twinport Special Ops Kit MED
72601-230	FM53 Twinport Special Ops Kit SML
72601-231	FM53 Twinport Special Ops Kit XS



The Avon EZAir system has been developed to answer end user's requirements for smaller, lighter and more affordable blown air systems. The traditional benefits of PAPR devices are well known, providing low breathing resistance, cooling air and reduced user burden. However these older systems tend to be heavy, expensive and integrate poorly with protective gear. The Avon EZAir overcomes these downsides with a fully modular and compact unit, designed for optimum integration with existing equipment.

The base system provides protection against biological and riot/crowd control non-lethal munitions. Certified with C50 and FM53 mask with the CTF12 filter to NIOSH 42 CFR part 84, the system comes supplied with all necessary accessories to allow for immediate fielding. A range on 'hot swap' battery packs is available, all delivering greater than 8 hours run time. A close fit, quick release breathing hose is the result of extensive research and the need for better integration with the mask and helmet. The blower carrier allows for either belt or MOLLE mounting to the user. The Avon EZAir produces a lower flow rate than traditional PAPR units, and is classified as a well being device.

- Simple and safe to operate
- Small and discrete
- Extended operational time
- Removable Battery Pack
- Optimized Integration



AVON EZAIR NON LETHAL MUNITIONS SYSTEM	
INCLUDES	
p/n	Description
81100-10	Blower
	Sweep Hose
	Hose Cover w/zipper
81100-11	Replaceable Battery Pack
84100-11	Carrier
p/n	Description
81100-19	Avon EZAir NLM System, 36" Hose
81100-20	Avon EZAir NLM System, 30" Hose
AVON EZAIR NLM SYSTEM & FM53 SINGLE PORT APR	
p/n	Description
81100-28-1	Avon EZAir NLM System, 36" Hose & FM53 RH APR LGE
81100-28-2	Avon EZAir NLM System, 36" Hose & FM53 RH APR MED
81100-28-3	Avon EZAir NLM System, 36" Hose & FM53 RH APR SML
81100-28-4	Avon EZAir NLM System, 36" Hose & FM53 RH APR XS
81100-29-1	Avon EZAir NLM System, 36" Hose & FM53 LH APR LGE
81100-29-2	Avon EZAir NLM System, 36" Hose & FM53 LH APR MED
81100-29-3	Avon EZAir NLM System, 36" Hose & FM53 LH APR SML
81100-29-4	Avon EZAir NLM System, 36" Hose & FM53 LH APR XS
81100-30-1	Avon EZAir NLM System, 30" Hose & FM53 RH APR LGE
81100-30-2	Avon EZAir NLM System, 30" Hose & FM53 RH APR MED
81100-30-3	Avon EZAir NLM System, 30" Hose & FM53 RH APR SML
81100-30-4	Avon EZAir NLM System, 30" Hose & FM53 RH APR XS
81100-31-1	Avon EZAir NLM System, 30" Hose & FM53 LH APR LGE
81100-31-2	Avon EZAir NLM System, 30" Hose & FM53 LH APR MED
81100-31-3	Avon EZAir NLM System, 30" Hose & FM53 LH APR SML
81100-31-4	Avon EZAir NLM System, 30" Hose & FM53 LH APR XS

AVON EZAIR NLM SYSTEM & C50 TWIN PORT APR	
p/n	Description
81100-24-1	Avon EZAir NLM System, 36" Hose & C50 Twin Port APR LGE
81100-24-2	Avon EZAir NLM System, 36" Hose & C50 Twin Port APR MED
81100-24-3	Avon EZAir NLM System, 36" Hose & C50 Twin Port APR SML
81100-25-1	Avon EZAir NLM System, 30" Hose & C50 Twin Port APR LGE
81100-25-2	Avon EZAir NLM System, 30" Hose & C50 Twin Port APR MED
81100-25-3	Avon EZAir NLM System, 30" Hose & C50 Twin Port APR SML
AVON EZAIR NLM SYSTEM & FM53 TWIN PORT APR	
p/n	Description
81100-26-1	Avon EZAir NLM System, 36" Hose & FM53 Twin Port APR LGE
81100-26-2	Avon EZAir NLM System, 36" Hose & FM53 Twin Port APR MED
81100-26-3	Avon EZAir NLM System, 36" Hose & FM53 Twin Port APR SML
81100-26-4	Avon EZAir NLM System, 36" Hose & FM53 Twin Port APR XS
81100-27-1	Avon EZAir NLM System, 30" Hose & FM53 Twin Port APR LGE
81100-27-2	Avon EZAir NLM System, 30" Hose & FM53 Twin Port APR MED
81100-27-3	Avon EZAir NLM System, 30" Hose & FM53 Twin Port APR SML
81100-27-4	Avon EZAir NLM System, 30" Hose & FM53 Twin Port APR XS

ST53SD ST-PAPR SINGLE PORT RESPONDER KIT**INCLUDES**

p/n	Description
330003	ST-PAPR
038022	PAPR Carrier
089034	Flow Indicator
180003	LiSO ₂ Batteries (2)
033018	Cartridge, AM/CL/SD/HE/CS/CN
---	FM53 Specialist Responder Kit

ST53SD 10 MINUTE ST-PAPR SINGLE PORT RESPONDER KIT

p/n	Description
SD42001C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH LGE
SD41901C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH MED
SD41801C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH SML
SD42101C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH XS
SD42401C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH LGE
SD42301C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH MED
SD42201C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH SML
SD42501C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH XS

ST53 45 MINUTE ST-PAPR SINGLE PORT RESPONDER KIT

p/n	Description
ST602200103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH LGE
ST602190103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH MED
ST602180103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH SML
ST602210103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH XS
ST602240103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH LGE
ST602230103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH MED
ST602220103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH SML
ST602250103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH XS

ST53 60 MINUTE ST-PAPR SINGLE PORT RESPONDER KIT

p/n	Description
ST603200103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH LGE
ST603190103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH MED
ST603180103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH SML
ST603210103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port RH XS
ST603240103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH LGE
ST603230103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH MED
ST603220103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH SML
ST603250103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, single port LH XS

**ST53SD ST-PAPR TWIN PORT RESPONDER KIT**

p/n	Description
330003	ST-PAPR
038022	PAPR Carrier
089034	Flow Indicator
180003	LiSO ₂ Batteries (2)
033018	Cartridge, AM/CL/SD/HE/CS/CN
---	FM53 Specialist Responder Kit

ST53SD 10 MINUTE ST-PAPR TWIN PORT RESPONDER KIT

p/n	Description
SD41601C	ST53SD 4500 psi 10 minute +ST-PAPR+ FM53 Specialist Responder Kit, Twin Port LGE
SD41501C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, Twin Port MED
SD41401C	ST53SD 4500 psi 10 minute +ST-PAPR+ FM53 Specialist Responder Kit, Twin Port SML
SD41701C	ST53SD 4500 psi 10 minute +ST-PAPR + FM53 Specialist Responder Kit, Twin Port XS

ST53 45 MINUTE ST-PAPR TWIN PORT RESPONDER KIT

p/n	Description
ST602160103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port LGE
ST602150103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port MED
ST602140103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port SML
ST602170103C	ST53 45 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port XS

ST53 60 MINUTE ST-PAPR TWIN PORT RESPONDER KIT

p/n	Description
ST603160103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port LGE
ST603150103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port MED
ST603140103C	ST53 60 minute + ST-PAPR + FM53 Specialist Responder Kit, Twin Port SML
ST603170103C	ST53 60 minute +ST-PAPR +FM53 Specialist Responder Kit, Twin Port XS

ST-PAPR™

The ST-PAPR module delivers total operational flexibility to the end user and is an option for the ST53 SCBA. The patented design allows for the SCBA quick connect to be attached directly to the PAPR unit and allows the wearer to transition from powered air to SCBA mode without loss of protection or additional parts.

Certified by NIOSH as a stand alone PAPR unit system with the FM53 APR, the unit can be configured to deliver a combination system.

- The ST- PAPR has a remote on-off switch enabling the ST- PAPR to be easily switched on and off.
- Minimum flow rate of 115 lpm.
- Lithium Sulfur Dioxide battery option with a minimum 7 hour battery life.
- Operator replaceable spare parts available, easy to maintain with access to key components.
- User can 'hot-swap' battery if required without contamination (common batteries with the C420 PAPR)
- Inline canister configuration designed to be low profile when strapped to the ST53 cylinder or ST53SD system.
- With quick-connect for SCBA feature, ST53 or ST53SD systems both attach to the unit to provide a single hose connection to the APR. Designed for specialist users (shooters) who need to use a single sided Canister FM53 APR.
- The integrated second stage regulator allows for a single hose connection to the FM53 APR. Unique to the ST-PAPR, this feature ensures that the FM53 APR retains its low profile cheek for weapon sighting.



C420™

The C420 is a powerful, comfortable and military proven system, that filters CBRN and other contaminants from ambient air providing a constant Canistered airflow greater than 115 lpm. This constant air flow in the APR reduces the physical burden of inhalation resistance and pressure respirators.

Available with 8 hour Lithium Sulfur Dioxide Battery, unique 8 hour Rechargeable Lithium Ion Battery, and NiMH variant rechargeable battery.

The C420 is NIOSH CBRN certified with both Avon's CBRN FM12 APR and C50 APRs.

- Choice of Two (2) Avon class leading respirators
- 8 hours of increased protection in hazardous environments
- Ideal for prolonged respirator wear in hot climates
- Delivers cooling, fresh air



C420 PAPR BLOWER KIT	
INCLUDES	
p/n	Description
	Blower Unit
70501-215	70" Decon Belt
70501-214	36" CBRN hose
70501-219	Flow Indicator
70501-84	User Instructions

C420 PAPR BLOWER KIT	
p/n	Description
70501-245	C420 PAPR Blower Kit

C420 PAPR W/C50 CBRN APR	
p/n	Description
70501-264	C420 w/C50 APR Assembly Twinport LGE
70501-265	C420 w/C50 APR Assembly Twinport MED
70501-266	C420 w/C50 APR Assembly Twinport SML

ST CONFIGURATION

MODULE 1
FM53 SPECIALIST KIT



MODULE 2
ST53 SCBA



MODULE 3
ST-PAPR KIT



MODULE 1 + 2

ST53SD



+



ST53



+



MODULE 1 + 2 + 3

ST-PAPR



+



+



ST-PAPR short duration



+



+



ST53™

The ST53 combines Avon Protection Systems' FM53 APR with innovative modular breathing apparatus technology to provide positive pressure SCBA and/or PAPR capability for specialist applications. The ST53 system provides the operator with total flexibility to select the necessary level of protection quickly while continuing to operate effectively.

The standard ST53 uses a low profile back frame to mount a range of 4500 PSI lightweight carbon cylinders with black stealth covers, available in 30, 45 and 60 minutes durations.

Cylinder Content Monitoring

The ST53 backframe option includes a remotely accessible, chest mounted pressure gauge for monitoring of pressure and a whistle for end of service alarm (which has the option to be disabled if required).

Compact Demand Valve (CDV)

The compact chemically hardened demand valve provides constant positive pressure. The CDV is attached to the FM53 APR via the standard 40 mm STANAG thread.

With the option to mount on either side of the APR, it is unobtrusive and allows excellent integration with weapons and other equipment.

With the ST-PAPR the integrated CDV enables the user to switch instantly from powered air to positive pressure SCBA mode when required.

When the ST53 is used with Module 3 (ST-PAPR) the CDV is simply removed via a quick disconnect and the SCBA air line connected directly to the ST-PAPR module that contains an internal CDV.

Stealth Features

Designed with stealth applications in mind including non-reflective black components and a warning whistle which can be silenced.



NIOSH approved in SCBA mode only.*

*NIOSH does not currently approve combination respirators.



ST53 TWIN PORT RESPONDER KIT

INCLUDES

ST53	
FM53 Specialist Responder Kit	
ST53 45 MINUTE TWIN PORT RESPONDER KIT	
p/n	Description
ST602160103A	ST53 45 minute +FM53 Specialist Responder Kit, Twin Port LGE
ST602150103A	ST53 45 minute +FM53 Specialist Responder Kit, Twin Port MED
ST602140103A	ST53 45 minute +FM53 Specialist Responder Kit, Twin Port SML
ST602170103A	ST53 45 minute +FM53 Specialist Responder Kit, Twin Port XS
ST53 60 MINUTE TWIN PORT RESPONDER KIT	
p/n	Description
ST603160103A	ST53 60 minute +FM53 Specialist Responder Kit, Twin Port LGE
ST603150103A	ST53 60 minute +FM53 Specialist Responder Kit, Twin Port MED
ST603140103A	ST53 60 minute +FM53 Specialist Responder Kit, Twin Port SML
ST603170103A	ST53 60 minute +FM53 Specialist Responder Kit, Twin Port XS

ST53 SINGLE PORT RESPONDER KIT

INCLUDES

ST53	
FM53 Specialist Responder Kit	
ST53 45 MINUTE SINGLE PORT RESPONDER KIT	
p/n	Description
ST602200103A	ST53 45 minute +FM53 Specialist Responder Kit, RH LGE
ST602190103A	ST53 45 minute +FM53 Specialist Responder Kit, RH MED
ST602180103A	ST53 45 minute +FM53 Specialist Responder Kit, RH SML
ST602210103A	ST53 45 minute +FM53 Specialist Responder Kit, RH XS
ST602240103A	ST53 45 minute +FM53 Specialist Responder Kit, LH LGE
ST602230103A	ST53 45 minute +FM53 Specialist Responder Kit, LH MED
ST602220103A	ST53 45 minute +FM53 Specialist Responder Kit, LH SML
ST602250103A	ST53 45 minute +FM53 Specialist Responder Kit, LH XS
ST53 60 MINUTE SINGLE PORT RESPONDER KIT	
p/n	Description
ST603200103A	ST53 60 minute +FM53 Specialist Responder Kit, RH LGE
ST603190103A	ST53 60 minute +FM53 Specialist Responder Kit, RH MED
ST603180103A	ST53 60 minute +FM53 Specialist Responder Kit, RH SML
ST603210103A	ST53 60 minute +FM53 Specialist Responder Kit, RH XS
ST603240103A	ST53 60 minute +FM53 Specialist Responder Kit, LH LGE
ST603230103A	ST53 60 minute +FM53 Specialist Responder Kit, LH MED
ST603220103A	ST53 60 minute +FM53 Specialist Responder Kit, LH SML
ST603250103A	ST53 60 minute +FM53 Specialist Responder Kit, LH XS



ST53SD™

Short duration variant ST53SD, provides a belt or harness carry option and an approximate 10 minute duration air cylinder. Compatible with the ST-PAPR, the ST53SD meets the unique requirements of end users in short-duration tactical operations

The ST53SD provides the option to have a pressure gauge attached directly on the regulator body or to not have one.

With the ST-PAPR the integrated Compact Demand Valve (CDV) enables the user to switch instantly from powered air to positive pressure SCBA mode when required.

The CDV is attached to the APR via the standard 40 mm thread connection.

The simplicity, lower cost of ownership and reduced weight make the ST53SD an ideal solution to provide protection in unknown IDLH scenarios where a quick exit can be achieved.

ST53SD 480 LITER TWIN PORT RESPONDER KIT	
INCLUDES	
ST53SD + Carrier	
FM53 Specialist Responder Kit	
p/n	Description
SD41601A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, Twin Port LGE
SD41501A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, Twin Port MED
SD41401A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, Twin Port SML
SD41701A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, Twin Port XS

ST53SD 480 LITER ST-PAPR TWIN PORT RESPONDER KIT	
INCLUDES	
ST53SD + Carrier	
FM53 Specialist Responder Kit	
p/n	Description
SD41601C	ST53SD 4500 psi 10 minute +ST-PAPR+ FM53 Specialist Responder Kit, Twin Port LGE
SD41501C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, Twin Port MED
SD41401C	ST53SD 4500 psi 10 minute +ST-PAPR+ FM53 Specialist Responder Kit, Twin Port SML
SD41701C	ST53SD 4500 psi 10 minute +ST-PAPR + FM53 Specialist Responder Kit, Twin Port XS

ST53SD 10 MINUTE SINGLE PORT RESPONDER KIT	
INCLUDES	
Description	
ST53SD + Carrier	
FM53 Specialist Responder Kit	
p/n	Description
SD42001A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, RH LGE
SD41901A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, RH MED
SD41801A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, RH SML
SD42101A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, RH XS
SD42401A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, LH LGE
SD42301A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, LH MED
SD42201A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, LH SML
SD42501A	ST53SD 4500 psi 10 minute + FM53 Specialist Responder Kit, LH XS

ST53SD 10 MINUTE ST-PAPR SINGLE PORT RESPONDER KIT	
INCLUDES	
Description	
ST53SD + Carrier	
FM53 Specialist Responder Kit	
p/n	Description
SD42001C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH LGE
SD41901C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH MED
SD41801C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH SML
SD42101C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, RH XS
SD42401C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH LGE
SD42301C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH MED
SD42201C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH SML
SD42501C	ST53SD 4500 psi 10 minute+ST-PAPR + FM53 Specialist Responder Kit, LH XS

NH15™

The NH15 Escape Emergency Hood is designed specifically for users in an emergency incident. The world's smallest NIOSH CBRN Cap 1(15 minutes) escape device is available in large, regular and extra small sizes. Not requiring maintenance or annual fit testing, the unit is designed for 5 years shelf life. Supplied in a black carrier that can be belt or shoulder mounted.

- Don in less than 20 seconds
- 15 minutes of protection
- 5 year shelf life
- Compact for quick access
- Close fit and comfortable to wear

The Training Hood is used by training teams, staff and large groups to demonstrate the proper use, donning and doffing of the NH15 hood. This training hood is for demonstration use only.

NH15 H2S Filter Escape Hood Respirator. The most compact industrial H2S filter escape hood respirator provides protection for a minimum 15 minutes to allow sufficient time to evacuate from a contaminated area. The streamlined design minimizes the overall footprint while the hood provides a clear range of vision to the wearer.



NH15 ESCAPE HOOD (WITH STANDARD CARRIER)	
p/n	Description
75027-104-A-AC	NH15 CBRN Escape Hood (Extra Small) 12 to 13 inches
75027-100-A-AC	NH15 CBRN Escape Hood (Regular) 13 to 18 inches
75027-107-A-AC	NH15 CBRN Escape Hood (Large) 18-22 inches

NH15 H ₂ S ESCAPE HOOD (WITH STANDARD CARRIER)	
p/n	Description
75027-104-B	NH15 H ₂ S CBRN Escape Hood (Extra Small) 12 to 13 inches
75027-100-B	NH15 H ₂ S CBRN Escape Hood (Regular) 13 to 18 inches
75027-107-B	NH15 H ₂ S CBRN Escape Hood (Large) 18-22 inches

NH15 GROUP USER KIT (10 PEOPLE)	
p/n	Description
72601-219	NH15 Group User Kit (10 people)



TRAINING HOOD	
p/n	Description
75027-104T-A-AC	Training Hood (Extra Small)
75027-100T-A-AC	Training Hood (Regular)
75027-107T-A-AC	Training Hood (Large)



CRS15™

The CRS15 pack provides respiratory and touch protection from a broad range of CBRN, TIC Threats and all current Riot Control Gases combined with the ability for the user to perform immediate decontamination.

The equipment is discreetly contained in a rucksack enabling the user to respond rapidly to an incident or event. Close liaison with the end user ensures the CRS15 pack contents are tailored exactly to meet individual requirements.

Avon's CRS15 pack is suitable for the following users:

- First Responders
- High Net Worth Individuals
- Strategically Important Individuals
- Security Teams
- CP Escorts/Teams
- Non Specialist First Response
- Media
- NGOs
- Corporate
- Non Specialist Government eg. Government Staff, DFID etc
- Embassy Staff

CRS15 Contents:

- Full Respiratory and Eye Protection
- Touch Protection
- Disposable Coverall
- Biological Decontamination
- Chemical/TIC Decontamination
- Rucksack
- Instruction Card
- Disposal Bags
- Protective Overboots

CRS15	
p/n	Description
600601	CRS15, 1 person (Regular)

FILTRATION - CANISTERS

**CBRNF12**

NIOSH certified as a CBRN Cap 1 canister for use with the Avon FM12. This Canister protects against all particulate hazards including dust, mist, fume, bacteria and virus along with all NIOSH specified CBRN gases and other vapors including nerve, blood, choking and blister agents.

PC50	C50	FM50	FM53	Avon EZAir

Pack of 4 70010-23-2

**AM/CL/SD/HE/CS/CN**

NIOSH certified as a Cartridge AM/CL/SD/HE/CS/CN for use with the Avon ST-PAPR. This Canister protects against all particulate hazards including dust, mist, fume, bacteria and virus along with all NIOSH specified CBRN gases and other vapors including nerve, blood, choking and blister agents.

PC50	C50	FM50	FM53	STPAPR

Pack of 4 033018

**CBRNCF50**

NIOSH Certified as a CBRN Cap 1 Canister for use with the Avon C50, FM12, and FM53 protects against chemical and biological warfare agents in aerosol, liquid and vapor form. The filter has a Threaded Converter Piece (TCP) that when removed creates a filter with a unique conformal shape providing a low profile, close fit with the mask. Once the TCP is removed the canister becomes a CBRNCF50i. The CBRNCF50i is only approved to NIOSH Cap 1 when fitted to Avon masks. It provides effective protection against all the gaseous agents specified in the NIOSH CBRN standard, as well as excellent performance against a wider range of both chemical warfare agents and Toxic Industrial Chemicals (TICs). A particulate filter element exceeding the requirements of NIOSH 42CFR84 P100 and EN 14387 (P3) is incorporated, ensuring effective performance against all dusts, mists, fumes, biological agents (bacteria, virus, fungal spores etc), including radioactive dusts.

PC50	C50	FM50	FM53	C420

72602-2

**CTCF50**

The Avon CTCF50 Filter is a low profile combination filter containing a pleated high-efficiency filter element for removal of aerosols, particulate matter, smoke fumes and a carbon bed for the removal of vapors that may be released from trapped particles. It is specifically designed for removal of riot control agents and tear gases including CS, CN and OC pepper spray.

PC50	C50	FM50	FM53	Avon EZAir

Pack of 4 72606-3

FILTRATION - CANISTERS



CTF12 Riot Agent Filter



NIOSH certified 42 CFR part 84 CN-CS-P100 with the Avon masks
Approved for all particulate hazards including dust, mist, fume, bacteria and viruses, plus riot agents.

PC50	C50	FM50	FM53	Avon EZAir

71510-2




FM61 Primary Canister Pair

Low profile conformal Canister with bayonet quick fit connector for use only with the Avon FM50 APR. General purpose military NBC performance. Provides protection against chemical, biological and radiological warfare agents in accordance with NATO requirements. Also for certain TIC-TIM's such as chlorine, hydrogen sulphide, sulphur dioxide and organic vapors with a boiling point above 65°C.

PC50	C50	FM50	FM53	Avon EZAir

71601-1-1

CANISTER SELECTION MATRIX

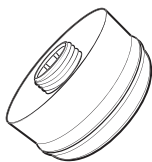

FILTER 	CTCF50	CTF12 Riot	CBRNFI2	CBRNCF50	FM61
External Approvals	NIOSH	NIOSH	NIOSH	NIOSH	
Classification	CS/CN/P100	CS/CN/P100	CBRN Cap1	CBRN Cap1	Mil Spec
Protection	Riot Agents Odor Particulate	Riot Agents Odor Particulate	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS
Weight (typical)	154 g	200 g	332 g	356 g	156 g
Breathing Resistance (typical)	15 mm H ₂ O at 85 l/min	32 mm H ₂ O at 85 l/min	41 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	22 mm H ₂ O at 42.5 l/min
Packing	Foil Bag	Plastic Wrap	Foil Bag	Induction Welded Package	Induction Welded Package
Shelf Life (if left in packaging)	5.5 years	5 years	5 years	5.5 years	5 years
Filter Body Style	Conformal	Conventional	Conventional	Convertible	Conformal*
Filter Thread Type	40 mm	40 mm	40 mm	40 mm	Bayonet

*This filter has a bayonet fit specific to the FM50 mask and must be used as a pair

SUITABLE PROTECTION AGAINST:					
Ammonia			•	•	○
Arsine			•	•	•
Asbestos	•	•	•	•	•
Bacteria	•	•	•	•	•
Benzene			•	•	•
Blister agent			•	•	•
Blood agent			•	•	•
Bromine			•	•	•
Carbon Dioxide					
Carbon Disulphide			•	•	•
Carbon Monoxide					
Carbon Tetrachloride			•	•	•
Chlorine			•	•	•
Chlorine Dioxide			•	•	•
Chloroacetophenone (CN)	•	•	•	•	•
Chloropicrin			•	•	•
o-Chlorobenzylidene Malononitrile (CS)	•	•	•	•	•
Cyanogen			•	•	•
Cyanogen Chloride (CK)			•	•	•
Cyclohexane			•	•	•
Fluorine			•	•	•

CANISTER SELECTION MATRIX

FILTER		CTCF50	CTFI2 Riot	CBRNF12	CBRNCF50	FM61
SUITABLE PROTECTION AGAINST:						
Formaldehyde				•	•	•
Hydrogen Chloride				•	•	•
Hydrogen Cyanide (AC)				•	•	•
Hydrogen Fluoride				•	•	•
Hydrogen Sulfide				•	•	•
Lewisite				•	•	•
Methylamine				•	•	○
Methyl Bromide				•	•	•
Methyl Iodide				•	•	•
Mustard (HD)				•	•	•
Nerve agent				•	•	•
Nitrogen Dioxide				•	•	•
Nuisance dusts	•	•		•	•	•
Nuisance odours	•	•		•	•	•
Oleoresin Capsicum (OC, pepper gas)	•	•		•	•	•
Organic vapours w/ boiling point >65°C				•	•	•
Particulates	•	•		•	•	•
Phosgene				•	•	•
Phosphine				•	•	•
Radioactive particulates	•	•		•	•	•
Sarin (GB)				•	•	•
Soman (GD)				•	•	•
Sulphur Dioxide				•	•	•
Tabun (GA)				•	•	•
Toluene				•	•	•
Virus	•	•		•	•	•
VX				•	•	•
Xylene				•	•	•

LEGEND			⚠ WARNINGS
Filter Body Style			<ul style="list-style-type: none"> These filter recommendations are for guidance only. It is assumed that some filters are used only once and then replaced. Respirator filters must be selected by a competent person following a suitable and sufficient risk assessment. Filters must be used in accordance with appropriate guidelines, regulations or doctrine applied in line with the legislation of the country of application, inappropriate use could result in injury or death. Filters must be stored in accordance with Avon's user instructions. The incident commander must establish a filter change schedule based on a suitable and sufficient risk assessment. Failure to do so may result in filter breakthrough and consequent injury or death. Contact Avon for assistance. Do not use filtering respirators in oxygen deficient atmospheres (<19.5%) or in poorly ventilated spaces. Avon conformal filters for use on specific Avon masks only. Filters may not seal with other products leading to serious injury or death.
Conformal  40mm Stanag Thread	Standard  40mm Stanag Thread	<ul style="list-style-type: none"> • Filter Effective ○ Limited Effectiveness Contact Avon Protection for additional information	

COMMUNICATION



FM53 Voice Projection Unit

The VPU is designed for the FM53 APR to allow non-obstructed weapon sighting and easier operation. The VPU is attached to the front of the VREU (Variable Exhalation Resistance Unit) and can be removed to allow for APR exhalation resistance changes. The pass through lead provides an interface to the APR connector and houses a second connector to attach additional communication equipment while the VPU is being worn. The VPU must be used with the Voice Projection Unit Microphone (72601-16) or Microphone Assembly (72601-17). Additional communication kits are available on request. The unit requires a single Li-Ion battery - CR123 (not supplied), the microphone is powered by the VPU.

PC50	C50	FM50	FM53

72601-13



Voice Projection Unit

The Voice Projection Unit (VPU) clips to the front of the C50 and FM50 APR without any need for special tools and is designed to amplify the APR wearer's voice. The VPU must be used with the Voice Projection Unit Microphone (71601-12) or Microphone Assembly (71601-13). Once fitted the VPU is securely attached and still allows for weapon firing. The unit requires two 2 AAA batteries (not supplied). The microphone is powered by the VPU.

PC50	C50	FM50	FM53

70501-229



FM53 Voice Projection Unit w/Microphone Assembly

Complete communication kit for FM53 mask. Contains Voice Projection Unit (72601-13) and Microphone Assembly (72601-17), battery not included.

PC50	C50	FM50	FM53

72601-15

COMMUNICATION



Voice Projection Unit
w/Microphone Assembly

Complete communication kit for C50 and FM50 APRs. Contains Voice Projection Unit (70501-229) and Microphone Assembly (71601-13), batteries not included.

PC50	C50	FM50	FM53

71601-11



Microphone Assembly

To be used in conjunction with the FM50-C50 VPU (70501-229) only. Supplied with a 150 Ohm Dynamic Microphone for use with external communication equipment. Use Communication Lead (70501-167 or 70501-167-1) for connection, additional lead available through customer service.

PC50	C50	FM50	FM53

71601-13



Elevated Tube Imic Assembly

To be used in conjunction with the FM53 VPU (72601-13) only. Supplied with a 150 Ohm Dynamic Microphone for use with external communication equipment. Use Communication Lead (70501-167 or 70501-167-1) for connection.

PC50	C50	FM50	FM53

601022



FM53 Microphone Assembly

To be used in conjunction with the FM53 VPU (72601-13) only. Supplied with a 150 Ohm Dynamic Microphone for use with external communication equipment. Use Communication Lead (71601-14) for connection.

PC50	C50	FM50	FM53

72601-17

COMMUNICATION



Dynamic Microphone

Microphone allows APR to be used with external communication equipment. Can be fitted to VPU Microphones (72601-16 & 71601-12) and Microphone Adapter (72601-14).

PC50	C50	FM50	FM53

72601-20



FM53 Voice Projection Unit Microphone

Internal microphone for use on FM53 APRs only. To be used in conjunction with Voice Projection Unit (72601-13). Black in color.

PC50	C50	FM50	FM53

72601-16



Voice Projection Unit Microphone

Internal microphone for use on C50 and FM50 APRs only. To be used in conjunction with Voice Projection Unit (70501-229). Grey in color.

PC50	C50	FM50	FM53

71601-12



Microphone Adapter

Adapter required when using Dynamic Microphone (72601-20) and other Mil Spec microphones. For use with external communication equipment only. Green in Color.

PC50	C50	FM50	FM53

72601-14



Communications Lead

Adapter required when using Dynamic Microphone (72601-20) and other Mil Spec NIOSH certified accessory (with C50 APR) to provide connection with external radio systems. Supplied with non-terminated end to allow for connector of choice to be added. Adjustable rubber lanyard and robust metal clip included for attachment and improved integration with protective clothing.

PC50	C50	FM50	FM53

15" Length 70501-167
25" Length 70501-167-1

VISION



Clear Outsert Assembly

Flexible polycarbonate outsert that simply attaches to 50 and 53 series APRs to provide additional ballistic and scratch resistance in extreme environments. Optically correct and distortion free, the outsert can be fitted and removed by the user while the APR is being worn. Provided with Outsert Pouch (72601-28) for storage and lens cleaning.

PC50	C50	FM50	FM53

70501-156



Sunlight Outsert Assembly

Additional protection against high level UV light and flash flares is provided by the sunlight outsert. Constructed from the same material as the clear outsert (70501-156) for improved ballistics and abrasion resistance. Provided with Outsert Pouch (72601-28) for storage and lens cleaning.

PC50	C50	FM50	FM53

70501-157

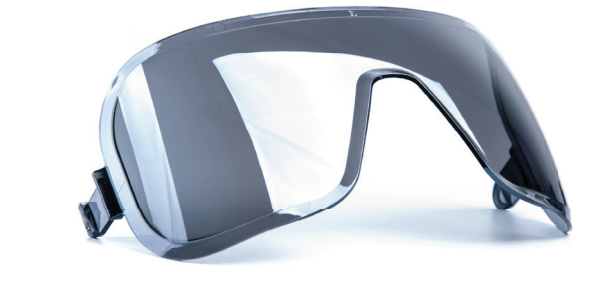


BlueBlocker Outsert Assembly

Designed for specialist use to improve weapon sighting, the BlueBlocker outsert delivers sharper images by filtering out specific light wavelengths. Constructed from the same material as the clear outsert (70501-156) for improved ballistics and abrasion resistance. Provided with Outsert Pouch (72601-28) for storage and lens cleaning.

PC50	C50	FM50	FM53

70501-158



Mirrored Outsert Assembly

Provides protection against UV light and improves contrast and depth perception. In addition to hiding the wearer's eyes while reflecting the surroundings they provide a psychological advantage in a threat situation. Provided with Outsert Pouch (72601-28) for storage and lens cleaning.

PC50	C50	FM50	FM53

71014-14

VISION



Breach Outsert Assembly

Shade 5 Outsert designed to provide eye protection for Specialist Operators while deploying cutting torches during their mission. Provided with Outsert Pouch (72601-28) for storage and lens cleaning.

PC50	C50	FM50	FM53

72501-688



Laser Outsert Assembly

Specialist accessory for the removal of harmful laser wavelengths commonly produced by laser sighted weapons. Constructed from the same material as the clear outsert (70501-156) for improved ballistics and abrasion resistance. Provided with Outsert Pouch (72601-28) for storage and lens cleaning.

PC50	C50	FM50	FM53

72601-29



Vision Correction Assembly

The Avon Vision Correction Assembly allows prescription lenses to be fitted to all Avon 50 Series masks. The field-proven flexible design allows the Vision Correction Assembly to be folded inside the air purifying respirator. Lens height can be quickly and easily adjusted by the user. ESS provides Avon 50 Series customers with a web-based professional Rx-filling service at competitive rates. ESS utilizes high quality, shatterproof corrective lenses appropriate for use in hazardous environments. For added safety, it is recommended that the optional Avon Clear Outsert (#70501-156) be worn with 50 Series protective masks. Order Online Only: <http://www.avon-protection.com/vision-correction.htm>

PC50	C50	FM50	FM53

70501-155

STORAGE AND CARRIERS



Faceform

Replacement storage accessory for all 50 and 53 series APRs. For prolonged APR storage (>1 month) it is recommended that the faceform is secured to APR to prevent any possibility of face seal distortion.

PC50	C50	FM50	FM53

72601-53



Storage Bag

Storage bag for C50 and FM53. Simple zip closure and carry handle allow for quick APR access in an emergency.

PC50	C50	FM50	FM53

C50 Carrier **70501-227**
FM53 Carrier **72601-97**



APR Carrier

This US DoD issued carrier provides a complete storage solution for 50 and 53 series APRs with multiple mounting positions. Designed to carry the APR, Canister, spare Canister, manual, 2 outserts and VPU. Carrier can be leg, waist or MOLLE mounted. Internal secondary sleeve prevents dust ingress in more extreme environments. Available in green or black.

PC50	C50	FM50	FM53

Green **72601-47**
Black **72601-48**



Universal Carrier

The universal carrier is designed to hold all Avon APRs with Canister attached. Features include belt mount and MOLLE mount.

PC50	C50	FM50	FM53

72601-32



Individual Equipment Carrier

This accessory compliments the APR Carrier and provides additional storage for accessories. Designed with MOLLE attachment, this equipment carrier offers multiple mounting positions and flexible storage options. Available in green or black.

PC50	C50	FM50	FM53

Black **72601-52**
Green **72601-51**



Extension Strap

To be used in conjunction with the APR Carrier to provide additional strap length for larger wearers.

PC50	C50	FM50	FM53

Black **72601-50**
Green **72601-49**

HYDRATION

**CBR 50i 3L Reservoir**

Designed specifically for Avon CBRN APRs, CamelBak's fifth generation Chem Bio Reservoir™ with DuraFlex Barrier™ Technology resists penetration of live chemical and biological warfare agents in addition to common toxic industrial chemicals and materials. The CBR50i Reservoir is lightweight, durable, flexible and provides taste-free fluids on demand. Designed to replace conventional hydration systems for everyday use and all CBRN applications. Not currently certified for use in Hot Zones.

C50	FM50	FM53

90818

**3L ThermoBak Long Neck carrier Black**

Basic carrier to hold 3 liter CBR50i reservoir.

C50	FM50	FM53

90-41112

**Protective APR Adapter Type A**

Adapter fits S10, FM12, FM50 and FM53 protective APRs. Not required for CBR50i Reservoir.

C50	FM50	FM53

90662

**Cleaning Kit**

(incl 2 Cleaning Tablets)

Includes two brushes, two cleaning tablets, and reservoir dryer. Reservoir dryer compatible with the Long-Neck and OMEGA® reservoirs (not compatible with baffled reservoirs).

C50	FM50	FM53

60112

**Reservoir Dryer**

Accessory that locates inside CBR50i reservoir to allow for effective drying after cleaning.

C50	FM50	FM53

90091

**Brush Set**

Includes brushes for cleaning reservoir and drinking tube.

C50	FM50	FM53

90081

**Big Bite Valve Cover Black**

Replacement bite piece for use with CBR50i reservoir.

C50	FM50	FM53

60091

**Water Canteen Cap**

Cap is designed to fit on most 40mm STANAG thread canteen devices. Provided with strap to retain cap on canteen and protect connection from dirt ingress.

C50	FM50	FM53

72601-62

MAINTENANCE TOOLS



APR Dryer

The R12 APR Dryers are specifically designed for drying Avon Protection APRs, and is the only dryer to effectively dry both the APR and the drink tube circuit. Although the dryer is made for Avon Protection APRs, it will also dry any SCBA face APR. The dryer has a 3 way energy management switch and 24hr timer, as well as an 8' long 3 prong cord. The face APRs are placed upside down; on the dryer for drying, water then collects away from nose cup and visor where air is directed into the face area and onto the webbing. The R12 also has an attachment to dry the drinking tube of the APR through a connection port on the dryer. The Avon Wall Mounted R12 APR dryer is floor supported, and wall mounted. The Avon Portable R12 APR dryer is floor supported and on wheels for easy movement.

R12 Wall Mounted APR Dryer, 110V, CSA	89962-10-1
R12 Wall Mounted APR Dryer, 220V, CSA	89962-10-2
R12 Portable APR Dryer, 110V, CSA	89962-11-1
R12 Portable APR Dryer, 220V, CSA	89962-11-2

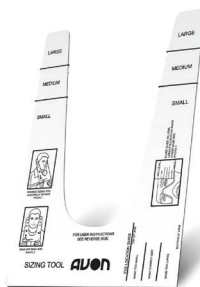


Avon 50 Series APR DCM Cleaning Kit

This DCM cleaning kit aids in the cleaning of the electrical connectors on both the microphone assembly and the Drinks Comms Module (DCM) located in the chin of the respirator. The components in this kit were specifically selected to aid the user in maintaining the communications accessories in the best possible condition.

600844

SPECIAL TOOLS



Sizing Tool

The Avon sizing tool is simple to use and provides a quick method for initial sizing of APR to wearer. It does not replace the requirement to perform a quantitative fit test as outlined by OSHA and NIOSH.

PC50	C50	FM50	FM53

71601-31

72601-55



Canister Mount Plug Tool

Allows twin port APRs to be converted to accept Canisters on either side. Must be used in conjunction with Canister Mount Plug (72601-56). The conversion must be carried out by a trained Level 2 technician and a APR leak test performed afterwards.

PC50	C50	FM50	FM53

Pack of 5 72601-73

APR SPARE PARTS



Nosecup

Replacement nose cups for FM53 APRs only. Made from comfortable silicone, the interchangeable design allows wearers to customize their APR for an optimized fit. Nosecup size will only fit APR size above or below sized part (e.g. Medium APR will accept a Small, Medium & Large nose cups only). Refer to maintenance manual for nosecup removal.

C50	FM50	FM53

XL	72601-8
LGE	72601-9
MED	72601-10
SML	72601-11
XS	72601-12



C50	FM50	FM53

Inlet-Outlet Disk Valve

Low resistance inhalation and exhalation valves for 50-series Avon APRs. Made from durable polyisoprene rubber, the valves require minimum maintenance.

(pack of 10) 71601-169



External Drink Tube and Drink Coupler Assembly

Replacement external drink tube and drinking coupler for FM53 and FM12 APRs only. Must be fitted in accordance to maintenance manual by a Level 2 Technician.

C50	FM50	FM53

(pack of 5) 72601-61



C50	FM50	FM53

Self-Sealing Disk Valve

Replacement one way valve for FM50 APRs only. Made from silicone, the valve prevents ingress of contaminants to the APR while changing out Canisters by automatically sealing the airway into the APR until a new Canister is refitted.

(pack of 10) 71601-32



Internal Drink Tube

Replacement internal drinking part for APR hydration. 50 series tubes can be cut to length. Must be fitted according to maintenance procedure and parts fitted must be free of grease and dirt. Sold in packs of 5.

C50	FM50	FM53

(pack of 5) 70501-163
(pack of 5) 72601-58



C50	FM50	FM53

Disk Valve

Low resistance inhalation and exhalation valves for Avon FM53 and FM12 APRs. Made from durable polyisoprene rubber, the valves require minimum maintenance. For use with FM53 as an inhalation valve ONLY.

(pack of 10) 71601-5

APR SPARE PARTS



Gasket

CBRN hardened rubber sealing gasket for Canister interface. Inspect regularly and replace immediately if damaged or excessive compression set in material is visible.

PC50	C50	FM50	FM53

(pack of 10) **70501-168**

(pack of 5) **72601-137**

(Twin Port) **SP7009-15-1**



FM50 Air Deflector

Replacement internal air deflector(s) that provide directed air inside APR to prevent visor fogging and assist with cooling affect.

PC50	C50	FM50	FM53

(pack of 2)

71601-33



FM53 Air Deflector

Replacement internal air deflector(s) that provide directed air inside APR to prevent visor fogging and assist with cooling affect.

C50	FM50	FM53

NIOSH (pack of 5)

72601-4



FM53 Valve Cassette Assembly

Replacement negative and positive exhalation valve assembly for FM53 APR only. Must be used in conjunction with Valve Cassette Assembly Tool (72601-7) and replacement O-Rings (72601-2). Procedures outlined in FM53 Maintenance Manual (72601-59).

PC50	C50	FM50	FM53

72601-6



Air Deflector

Replacement internal air deflector(s) that provide directed air inside APR to prevent visor fogging and assist with cooling affect.

PC50	C50	FM50	FM53

(pack of 5)

70501-164



Front Module Cover

Replacement front cover for C50 and FM50 APRs provides essential cover for exhale valve and communication port. Replace immediately if damaged. To remove front cover, turn drink level to the up position and remove front cover from APR.

PC50	C50	FM50	FM53

(pack of 5)

70501-162

APR SPARE PARTS



O-Ring

Part must be used when replacing Valve Cassette Assembly (72601-6) on FM53 APR. Refer to maintenance manual (72601-59) for details.

PC50	C50	FM50	FM53

(pack of 10)

72601-2



Canister Mount Plug

Replacement Canister mount plug for twin port APRs only. Must be used in conjunction with Canister Mount Plug Tool (72601-57) and correct sealing Gasket.

C50	FM50	FM53

(pack of 5)

72601-56



Head Harness

Replacement head harness for Avon APRs only.

PC50	C50	FM50	FM53

(pack of 5)
(single)

70501-159
71601-23



FM53 VREU Lever

Lever for FM53 APR VREU (Variable Resistance Exhalation Unit). The lever attaches to the FM53 Valve Cassette Assembly and allows APR to be easily switched from positive pressure to negative pressure mode without removing the VPU (Voice Projection Unit). The FM53 Valve Cassette Assembly is sold separately.

PC50	C50	FM50	FM53

(pack of 5)

72601-136



Buckle Components

Replacement buckle set for C50 and FM50 APRs only. To be exchanged by qualified personnel only.

PC50	C50	FM50	FM53

(pack of 5)

70501-160



TSI Portacount Adapter

The fit test adapters enable individuals to be quantitatively fit tested in their own respirator. This drink tube fit test adapter is for all Avon gas masks. This is the adapter only, not a kit.

PC50	C50	FM50	FM53

80057

POWERED AIR SPARE PARTS



Li-Ion 8 Hour Rechargeable Battery

8 hour rechargeable battery for the C420 blower and ST PAPR Must be used with Li-Ion Battery charger (70501-237). Ensure battery is fully recharged prior to each use. Alternative green colored Battery Cap Assembly (70501-244) supplied with battery must be used on blower unit when fitting battery.

C420	ST-PAPR	Avon EZAir

70501-235



Li-Ion Rechargeable Battery

Intelligent battery charge for use with Li-Ion Rechargeable Battery (70501-235). Colored LED lights the charger informs the user when the battery requires charging and when fully charged. Supplied with US electrical plug unless specified at time of order.

C420	ST-PAPR	Avon EZAir

70501-237



Battery Cap Assembly

Replacement battery cap for blower unit in green, to be used with Li-Ion Rechargeable Battery (70501-235) only.

C420	ST-PAPR	Avon EZAir

70501-244



LiSO₂ Battery (One time use only)

Long storage life (10 years) Lithium Sulfur Dioxide battery (BA-5800) for single time use only. Provides a minimum 8 hours run time. Discharge for disposal by designated personnel only. Sold in packs of 2.

C420	ST-PAPR	Avon EZAir

70501-218



MH 4.8v Rechargeable Battery with Cap

Latest technology 4 hour rechargeable battery for the C420 blower. Must be used with the NiMH 4-8v rechargeable battery charger (80500-11). Ensure that battery is fully recharged prior to each use.

C420	ST-PAPR	Avon EZAir

80500-12



NiMH 8 Hour Rechargeable Battery Charger

Intelligent battery charger for use with the NiMH 4-8v Rechargeable Battery with Cap (80500-12). Supplied with US electrical plug unless specified at time of order

C420	ST-PAPR	Avon EZAir

80500-11

POWERED AIR SPARE PARTS

**Canister Port Gaskets**

CBRN hardened rubber sealing gasket for Canister interface with C420 and ST-PAPR blower unit. Inspect regularly and replace immediately if damaged or excessive compression set in material is visible. Grey in color.

C420	ST-PAPR	Avon EZAir

(pack of 10)

70501-242**Breathing Tube Gasket**

CBRN hardened rubber sealing gasket for breathing hose interface with APR and C420 blower unit. Inspect regularly and replace immediately if damaged or excessive compression set in material is visible.

C420	ST-PAPR	Avon EZAir

(pack of 10)

70501-243**Flow Indicator**

Designed to visibly show that PAPR blower unit is providing sufficient airflow to the APR. Simply pushes into blower hole where Breathing Tube normally attaches. Use as directed in Operator Manual (70501-241)

C420	ST-PAPR	Avon EZAir

70501-219**Dust-Decon Canister Covers**

Rubberized covers (pair supplied) that fit simply over the Canisters to provide shower proof protection, ideal in a decontamination scenario.

C420	ST-PAPR	Avon EZAir

70501-270**Breathing Tube**

CBRN hardened butyl rubber hose for use with C420 PAPR blower. Available in two lengths 30" and 36". When fitting PAPR system to user, ensure that there is sufficient length in the hose to allow for head and body movement, use shorter hose if excessive hose length observed. Ensure sealing Gaskets are inspected regularly, replace with Gasket (70501-243).

C420	ST-PAPR	Avon EZAir

30"

70501-213

36"

70501-214**Hose Cover w/Zipper**

Made from tough, rip stock nylon, the replaceable hose cover is available in two lengths - 34" and 28" for use with 36" and 30" close fit hose assemblies respectively. Integrated webbing allow for easy attachment to clothing/body armor to deliver secure fit with no snag points. Full length zipper aids easy fitting and removal for cleaning.

C420	ST-PAPR	Avon EZAir

28"

84200-10-5

34"

84100-10-4**ST53 Combo Carrier**

Modular carrier system to allow ST-PAPR to be attached to either a 30,45 or 60 minute SCBA cylinder for Combination Respirator Unit (CRU) operation. Made from tough, rip stock nylon.

C420	ST-PAPR	Avon EZAir

038021

**Blower Belt**

Adjustable belt to allow Avon EZAir to be worn around users waist.

C420	ST-PAPR	Avon EZAir

60"

84200-10-1

70"

84200-10-2

POWERED AIR SPARE PARTS



Avon EZAir Blower NLM (Non CBRN)

The compact blower accepts traditional and conformal 40mm STANAG threaded Canisters and uses the same Canister mount gasket as C50 for simpler maintenance. The press and

hold power button allows for easy operation and prevents accidental switching off through a delayed power down setting. Supplied with a factory setting for a low battery alarm, the unit accepts three battery pack configurations, depending on operational needs. The blower accepts traditional and close fit hose options and is simply mounted to the user through use of the carrier system. (This blower is not approved for use with CBRN challenges)

C420	ST-PAPR	Avon EZAir

81100-10



Sweep Hose

The patented design of the hose interface to the APR, delivers optimum integration with Avon APRs, guiding the hose backwards while preventing it from falling off the wearer's shoulder. The simple to operate release button allows the APR hose end to be quickly

removed and refitted from the APR, ideal for pre APR & helmet donning. The hose construction is crush resistant and made from robust flexible rubber. Hose assembly is supplied with quick release adapter (80141-32). Protective hose cover is not included

C420	ST-PAPR	Avon EZAir

30"

80100-10

36"

80100-11



Replaceable Battery Pack (CR123)

The 'hot swap' design allows the user to remove the battery quickly from the blower without loss of protection. The 4 cell configuration accepts the widely available CR-123 Li-Ion battery, commonly used in most weapon flash lights. A simple to remove lid allows user level battery replacement.

C420	ST-PAPR	Avon EZAir

81100-11



Quick Release Adapter

The replacement part provides the quick release interface between the close fit hose assembly / other accessories and the APR. Adapter fits all Avon 40mm STANAG Canister mounts.

C420	ST-PAPR	Avon EZAir

80141-32



O-Ring Kit, Quick Disconnect

Replacement pre-greased sealing o-rings (Qty 2) for user with close fit hose (80100-11 & 80100-10). Essential that both o-rings are inspected regularly as part of the APR/blower maintenance program and replaced if showing signs of wear or damage.

C420	ST-PAPR	Avon EZAir

81130-10

MANUALS

Operator manuals provide wearer with a detailed overview on APR maintenance and fitting procedures.

70501-612	PC50 User Manual
70501-84	C50 User Manual
71601-30	FM50 User Manual
72601-59	FM53 User Manual
70501-241	C420 User Manual
084141	ST53 SCBA User Manual
084155	ST53 User Manual
084171	ST-PAPR User Manual
81135-10	Avon EZAir User Manual



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