AVON
MP-PAPR™

MULTI-POSITION POWERED
AIR PURIFYING RESPIRATOR

POWERED AIR PURIFYING RESPIRATOR

AVONAIR
INTEGRATION SYSTEM

AVON
PROTECTION

AVON MP-PAPR™

MULTI-POSITION POWERED AIR PURIFYING RESPIRATOR

Avon Protection introduces a new generation of CBRN Powered Air Purifying Respirator (PAPR), the Avon MP-PAPR system.

A departure from traditional rigid plastic construction systems, the Avon MP-PAPR is the world's first flexible PAPR unit, constructed from the same field proven chlorobutyl rubber, as used for the Avon 50 series masks range.

The Avon MP-PAPR module delivers a compact and easily integrated PAPR unit providing cooling, lower user burden and reduced pulmonary stress.

The unique shape and construction allows the wearer to mount the PAPR in multiple ways, maximizing integration while delivering higher protection levels and improved well being.

Multiple product approvals allow the user to add Avon MP-PAPR to existing fielded systems such as the 50 Series APR's, convert into a combination PAPR (Avon CS-PAPR) or revert back to an Avon EZAir configuration.

Avon MP-PAPR shown in MOLLE Mount Configuration

APPLICATIONS

- Military
- Law Enforcement
- Special Operations
- Federal Security/Border Control
- HAZMAT
- Post-Fire Clean Up

MODULAR CONSTRUCTION

- Optional remote power switch for simple operation at the mask
- Addition of combination hose module for use with supplied air cylinders of varying sizes (Option)
- Removal of Flexible PAPR Module reverts system back to Avon EZAir mode

POWERED CBRN FILTRATION

- Increased protection factors
- Reduced breathing burden
- Increased operational time

Avon MP-PAPR shown in Belt Mount Configuration

INCREASED OPERATIONAL TIME

- Multiple long duration battery packs including electronic fuel gauge on Li-Ion rechargeable variant
- Constant flow rate through filter dramatically reduces inhalation resistance and fatigue
- Hot swap battery allows for rapid exchange even in a contaminated zone

OPTIMIZED INTEGRATION

- Ergonomically back mounted carrier system with integrated hydration option
- Direct MOLLE mount to ballistic vests or other protective equipment
- Traditional belt mount fits waists up to 70"
- S-Shape hose with crush proof technology delivers superior integration, resolving 'snag and grab' issues associated with traditional air supply hoses

INTELLIGENT CONTROL SYSTEMS

- Automatic flow control adjusts to filter type and maximizes battery life
- Low flow and battery alarms alert wearer to potential issues (Can be silenced for stealth operation)
- Dual speed function – automatically reduces flow of Avon EZAir when removed from Flexible PAPR Module for single filter use

NOVEL MATERIAL TECHNOLOGIES

- **FLEXIBLE PAPR MODULE:** Outer flexible chlorobutyl rubber body with inner crush resistant core conforms to the wearer while providing superior impact resistance
- **UNIVERSAL HOSE:** Unique one size lightweight and flexible hose. Dual wall construction with CBRN hardened outer and metal reinforced crush proof polyurethane inner

TECHNICAL DATA

Unit Size	420mm L (16.5") x 115mm H (4.5") x 140mm W (5.5")	
Unit Weight (No battery or filter)	1.28 Kg (2.82 lbs)	
Unit Weight (No Filter (6xCR123)	1.5 Kg (3.30 lbs)	
Flow Rate	120 lpm controlled flow	
Operational Noise @120lpm	<60 dBa	
Run time	CR123, Lithium battery	4+ hours
	Li-Ion Rechargeable battery	8+ hours
Operational Temperature	-32°C to 49°C	-26°F to 120°F
Protection Factor PAPR	10,000 (PAPR On), 2000 (PAPR Off)	
Alarms	Low Battery, High Resistance, Restricted Flow (all can be silenced)	
Construction	CBRN Hardened Butyl and Noryl	
Operation	Smart integrated power button on unit Remote power button on hose (optional)	
Interface with APR	Crush proof hose with close fit 40mm (STANAG) APR connection, one size fits all	
Intrinsically Safe	No	

CE Article 10 to PPE Directive 89/686/EEC
** MP-PAPR certified in back mount position with PAPR Back Harness only.*

	MP-PAPR Kit	
	MPK-C-01-21-31-401*	MPP-C-02-22-31-401*
Avon EZAir Blower	■	■
Flexible PAPR Module	■	■
Universal Hose	■	■
Universal Hose Cover	■	■
PAPR Back Harness	■	■
Flow meter	■	■
Remote Power Switch		■
2800 Replaceable Battery		■

* Many configurations available.
Please contact Customer Service for further options.

Power Options	
Part Number	Description
600213	Replaceable Battery 2800
600214	Li-Ion Rechargeable Battery 5200
600201	Battery Charger

Filtration Options	
Part Number	Description
600790	CBRNCF50e Filter
600796	CTCF50e Filter

Accessories	
Part Number	Description
200466	Remote Power Switch

Front Cover: MP-PAPR shown in back mount position.

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