

AirBoss Defense FlexAir PAPR

Increased Production & Longer Work Time

The FlexAir™ PAPR System is a compact, lightweight Powered Air Purifying Respirator (PAPR) System with onboard Lithium-Ion Battery installed in the waist-mounted blower. The flexible design permits the use of 2 HE (High Efficiency) particulate filters or 3 combination cartridges for protection against organic vapors, acid gases, ammonia, formaldehyde and methylamine.

No Fit Testing Required. Accommodates facial hair and prescription lenses. Increased production and longer work time on a single battery charge. Utilizes universal 40mm filter port threads and wide availability of filter media. Independent low-flow and low battery alarms permit safe and timely exit from contaminated areas.

Microprocessor controlled. Lifetime rechargeable Lithium-Ion battery (charged on unit). Compact rapid battery charger is a universal Li-Ion battery charger that can be ganged on a simple power strip. Lightweight and compact PAPR blower. Exceeds NIOSH airflow requirements: 170 lpm (liters per minute). Independent low-flow and low battery alarms.



Two (2) Hood Styles Based on APF

The Flexible Design Permits the Use of Two (2) Configurations



Two (2) HE filters for biological
or particulate protection



Two (2) HE filters and
One (1) HE/OV/AG filter for protection
against organic vapors, acid gases,
ammonia, formaldehyde and
methylamine

See next page for specifications >>>



Visor Model with Drawstring
(White)
APF 25



Full Hood with Cape
(Tychem QC or SL, White)
APF 1000

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Specifications	
Flow Rate	Greater than 170 LPM
Lithium-Ion On-board/Duration	7 - 8 Hours
Expected Life of Li-Ion Battery	500 Charge/Discharge Cycles
Cartridge Options (3 cartridges required)	M96 Cartridge (HE/AM/CD/CL/FM/HC/HF/MA/OV/SD)
Filter Option (2 filters required)	HE Filter (Particulates, Aerosols, Bio-Hazards)
Operating Temperature	-20°C to +49°C (-4°F to +120°F)
Body Material	ABS
Overall Dimensions (FlexAir™ PAPR Blower) (w/o cartridges):	Width: 94 mm (3.70") Height: 134 mm (5.27") Length: 106 mm (4.15")
Weight of FlexAir™ Blower w/Battery	596 gr (1.32 lb) Blower w/Battery 786 gr (1.74 lb) w/2 HE Filters & 1 Plug 1756 gr (3.87 lb) w/3 M96 Cartridges

Part Numbers	
ABD- N-60202-WHT	Flexair HE System (Visor Model APF 25)
ABD- N-60244-WHT	Flexair HE System (Full Hood w/Cape Model APF 1000)
ABD-S-40078-W01	Flex Air, Visor Model with Drawstring (White), APF 25
ABD-S-40084-W01	Flex Air, Full Hood with Cape (Tychem QC, White) APF 1000
ABD-S-30128-001	Flex Air, Breathing Tube Assembly (White)
S-40085-001	Loose-Fitting Hood w/Cape Loose-Fitting Hood w-Cape, Tychem SL (Chemical version)
S-45177-001	Breathing Tube Cover Breathing Tube Cover - Tychem SL
N-60207-WHT	FlexAir Chemical System w/Tychem SL Hood (White) 1 FlexAir Blower White, 1 Charger w/Barrel Plug - Li-Ion Battery, 1 Belt Assy Decon - 70"L x 2"W, 1 Airflow Indicator, 1 Breathing Tube Assy - Loose Fitting Head Cover - White, 1 Breathing Tube Cover - Tychem SL, 1 Loose Fitting Hood w/Cape - Tychem SL, 3 IRT M96 Cartridge (foiled sealed), 1 User Instruction