

# ULTIMATE RESPIRATORY PROTECTION

- Positive air pressure
- Clear vision
- Simple and easy to use design
- Lightweight and compact blower
- Comfortable extended wear
- Reduced user burden
- Low airflow and battery warning system

**AIRBOSS  
FLEXAIR<sup>®</sup>  
PAPR SYSTEM**

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# AirBoss FlexAir® PAPR

The FlexAir® is a NIOSH-approved, compact, lightweight powered air-purifying respirator (PAPR) providing filtered particulate protection at 99.97% efficiency. Filtered air is delivered through the waist-mounted blower unit to the user's headpiece via a lightweight and flexible breathing hose. The flexible design permits multiple filter configurations providing NIOSH-approved biological and/or chemical protection tailored to the environment.

## Simple and easy-to-use design

A simple design with filter, hose, charging ports, and a simple on/off switch allows for easy, straight-forward operation, permitting the provider to focus on patient care while knowing they are protected.

## Lightweight and compact blower

The comfortable, waist-mounted blower weighs 1.3 pounds, including the onboard battery, in a compact 3-inch by 5-inch square box threaded on an adjustable belt.

## Ultimate respiratory protection

Use in a two-filter, high-efficiency configuration for biological protection, or a three-cartridge combination for protection against organic vapors, acid gases, ammonia, formaldehyde, methylamine, and particulates.



## Comfortable extended wear

More comfort and flexible applications promote maximum use for extended periods, ensuring protection to providers in any circumstance.

## Reduced user burden

Exceeds NIOSH airflow requirements of 170 liters per minute (lpm), reducing pulmonary stress and risk of respiratory illness. The design provides the highest levels of protection without interfering with patient care or additional strain on the healthcare provider.

## Advanced warning system

Two independent, audible alarms for low airflow and low battery facilitate safe and timely exits from contaminated areas.



## Specifications

### FLOW RATE

Greater than 170 lpm

### BATTERY TYPE

Integrated lithium battery

### BATTERY DURATION

Up to 7.5 hours on a full charge

### BATTERY LIFE

Up to 500 charge/discharge cycles

### FILTER AND CARTRIDGE OPTIONS

Three M96 cartridges (HE/AM/CD/CL/FM/HC/HF/MA/OV/SD) or two HE 100 filters (particulates, aerosols, bio-hazards)

### ACCESSORIES

Loose-fit visor w/drawstring  
Loose-fit visor w/cape

### DIMENSIONS (WITHOUT CARTRIDGES)

FlexAir® PAPR blower

Width: 3.70 in (94 mm)

Height: 5.27 in (134 mm)

Length: 4.15 in (105 mm)

### WEIGHT OF FLEXAIR®

1.32 lb (599 g) blower with battery

1.74 lb (789 g) with two HE 100 filters

3.87 lb (1.76 kg) with three M96 cartridges



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