



AirBoss Defense
The Ultimate Protection

FLEXAIR PAPR SYSTEM

NIOSH APPROVALS:

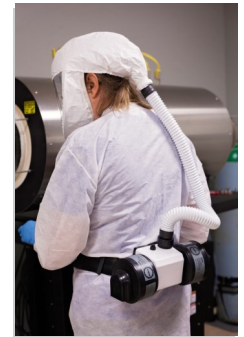
TC-21C-0809, TC-21C-0839, TC-21C-0840, TC-21C-0841,
TC-23C-2341, TC-23C-2458, TC-23C-2484, TC-23C-2497

PRODUCT OVERVIEW

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. Workers are protected by having contaminated air purified by filtration media mounted on the PAPR blower unit and delivered via a lightweight breathing hose to the user's head cover. IRT offers a complete line of NIOSH approved and OSHA compliant Respiratory Protection Solutions. Call us today for expert consultation for a solution to your specific needs.

FEATURES & BENEFITS

- No Fit Testing Required.
- Reduces risk of respiratory illness.
- Accommodates facial hair and prescription lenses.
- Increased production and longer work time on a single battery charge.
- Can be used in a 2– filter HE configuration for Biological or Particulate Protection or 3– cartridge configuration for protection against organic vapors, acid gases and particulates (OV/AG/HE).
- 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.
- Universal head cover size reduce cost and inventory.
- The FlexAir™ PAPR System features the latest innovations in PAPR design.
- 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.
- Applications: Pharmaceutical, Infections Disease, Forensics/ Pathology/Autopsy, Waste Clean Up, Mold Remediation, Asbestos Abatement, Chemical Suicide Incidents, Chemical & Industrial Manufacturing, Welding, Health Care, Agriculture.



FLEXAIR 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)
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