PureFlo®

3000 PAPR

Powered Air Purifying Respirator

WELDING/FABRICATION

No Snags. No Fuss.

The PureFlo® 3000 Welding PAPR is revolutionizing the welding and fabrication industry. With full NIOSH approval, this advanced all-in-one system sets a new standard in respiratory, eye/face, and head protection. It boasts a sleeker design that enhances mobility and reduces bulkiness making it ideal for welding in a variety of environments with hexavalent chromium (CR6), lead, cadmium and manganese exposures. With no hoses it is ideal for welding, even in tight spaces and different body orientations. Auto-darkening filter (ADF) is available along with a flame-retardant face seal to maximize facial protection.

KEY FEATURES

- All-in-one head, eye, face, and respiratory protection
- Ergonomic modern design for continuous comfort even with the welding shield
- NIOSH approved
- No fit test - beard approved
- Provides effortless breathing when compared to non-powered air purifying respirators
- Open frame or hard hat head protection
- ANSI-rated welding shield with spatter cover lenses to protect the auto darkening lens
- No snag hazards for work in tight spaces
- No hose or PAPR worn interference when using a fall protection harness
- LED low battery and airflow indicators
- Quick change HEPA filter with optional pre-filter for odor nuisance, optional pre-filter for particulates, and optional spark arrestor for welding
- 2.5 hour Fast-charging Lithium Ion battery
- Exposed ears for hearing protection and communications
- Optional earmuffs for noise reduction
- Optional communications – ear piece, push to talk button, and microphone

Specifications	PureFlo 3000
System Classification	Powered Air-Purifying Respirator (PAPR)
Head Protection (Hard Hat)	ANSI/ISEA Z89.1:2014 Type 1 Class G
Face Shield/Eye Protection	ANSI/ISEA Z87.1:2015 Impact Rated (Z87+)
Respiratory	NIOSH 42CFR84, CSA standard Z94.4
Hearing Protection (Optional)	ANSI S12.6-2010 choice of NRR 23 or NRR 27
Filter Type	High Efficiency Particulate Air (HEPA) filter with spark arrestor; optional pre-filter, odor nuisance filter
Flow Rate	230 L/min (170L/min minimum) : 8.1 CFM (6 CFM Minimum)
Noise Level	Less than 80 dBA (based on OSHA 29 CFR 1910.95 subpart G)
Assigned Protection Factor (APF)	APF 25 (per OSHA federal register notice 71:50121-50192
Head Size Range	6 ¾" – 8"
Battery Type	Lithium Ion
Battery Duration	4-5 Hours
Recharge Time	2 Hours
Environmental Protection	IP54 (In use) IP55 (Cleaning), IEC 60509:1989
Weight – Hard Hat with Welding Shield	3.6 lbs.
Weight – Open Frame (No Visor)	2.1 lbs.

3000 PAPR

CONFIGURATIONS

The PureFlo 3000 PAPR is configurable for use in a wide variety of welding applications including hard hat, open frame with welding shield, and optional earmuffs hearing protection. Wide viewing window and shielding range from DIN 4 to 12.

Open Frame, Pro Deluxe Welding ADF, Spark Arrestor, FR Face Seal

PF3000-F2WE-03

Blue Hard Hat, Pro Deluxe Welding ADF, Spark Arrestor, FR Face Seal

PF3000-H2WE-03

Contact Us

Gentex is committed to designing innovative safety solutions that protect people from immediate and long-term health and safety hazards present in their work environments, while enhancing workplace performance. Contact us today for more information on PureFlo and our full line of industrial safety solutions.

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