

SPECIFICATIONS

Product Description: **EZ AIR MAX PAPR WELDING HELMET**
Part Number: **9936**
Style: **POWERED AIR PURIFYING RESPIRATOR**

GENERAL DESCRIPTION:

Our EZ Air Max Powered Air Purifying Respirator (PAPR) is a complete particulate system intended for industrial applications where combined respiratory, eye and face protection is required. This welding helmet features a flip-up visor to expose a grind shield below that maintains respiratory protection while workers can continue grinding or inspecting welds. It is a motorized, Lithium-ion battery operated system that provides a constant supply of fresh, filtered air over the user's face. At an APF level of 25, it creates an optimal protective pressure inside the respirator head top keeping away particulates (dust, steel, manganese, stainless steel, chromium, galvanized steel, cadmium, and lead). Recommended applications are welding, assembly, facility maintenance, grinding, machine operations, painting and sanding. Suggested industries include automotive, food and beverage, pharmaceutical, general manufacturing, metal production and fabrication, military maintenance, repair, and operation (MRO) and transportation. Complies with ANSI Z87.1+ and CAN/CSA Z94.3 for face-shield/eye protection. **NIOSH approved**

Complete PAPR assembly includes welding shield w/ ADF lens, downtube w/ FR cover, blower, battery, waist belt, charger, flow tester, HEPA filter and storage bag.

WELDING HELMET: (PN: 9936-BH7500)

- Eye Protection: ANSI Z87.1+, CAN/CSA Z94.3
- Lightweight at 1.8 lbs. (0.81 kg) with ADF
- Made from Dupont® super tough flame retardant nylon that can withstand extreme cold/heat without cracking or deforming
- Large helmet design accommodates safety glasses under the face shield
- Air Train directs air over the head and across the breathing zone, minimizes fogging
- User control of airflow direction
- APF 25
- Adjustable durable Pera-Lok locking ratcheting head gear with replaceable ultra-soft sweat band
- Perfectly balanced flip front visor that exposes a large viewing grinding shield below
- Filter holder completely releases from flip-front making rear cover plate easily replaceable
- Comfortable and easily replaceable 100% cotton FR treated face seal
- UV exceeds Shade 6, IR6+ side panels for peripheral vision to help prevent blind side exposure from other nearby work

AUTO-DARKENING FILTERS: (Replacement ADF PN: 9904-36)

- Viewing area: 9.3 sq. in. (2.36" x 3.93"), 23.6 sq. cm (5.99 cm x 9.9 cm)
- Arc sensors: 2
- UV/IR: Up to shade 16, permanent outer coating to protect eyes
- Battery: Solar Cells primary with digital Lithium powered backup (lasts 5 – 10 years)
- Switching time: 1/10,000
- Light Shade Modes: 3
- Dark Shade Modes: 5-14
- TIG rating: <5 Amps
- Grind mode: Yes
- Magnetic Sensor: Yes
- Standards: ANSI and CSA
- Sensitivity: 8 Settings
- Delay: 8 Settings

NECK SHROUD:

- Comfortable 100% cotton fire retardant material
- Full neck and ear coverage to prevent arc burns
- Easily replaceable and washable



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BREATHING TUBE:

- Flexible
- Longer breathing tube to accommodate even more welders!
- Removable hose cover (fire retardant material)
- Same quick-disconnect bayonet couplers on both ends for easy assembly

BLOWER:

- ABS lightweight blower at only 1.7 lbs. (0.77 kg)
- Low profile off the hip design (4" (10.16 cm) with belt)
- Noise level is a quiet 65 dB
- Power button to turn the unit on or off
- 8-speed fan to increase or decrease airflow (minimum 170 LPM, 6 CFM)
- Audible, visual and vibration alarms for low battery, flow, and missing filter
- CAUTION: operating altitude approximately sea level up to 3,000 ft (914 m)

FILTER:

- Single filter design
- Easily removable NIOSH approved HEPA filter (42 CFR part 84)
- Filters 99.97% of particulates larger than 0.3 Micrometers
- Locking compartment protects filter from damage

BATTERY:

- 7.4V rechargeable Lithium-ion battery
- Operate up to 8 hours (minimum speed), 6 hours (maximum speed) on a full charge
- 4–6-hour recharge time and can be recharged up to 350 cycles (on or off blower assembly)
- Impact-proof ABS housing
- Easily removed (equipped with locking tab)

CHARGER:

- 110-240V, 50/60 Hz smart charger
- LED indicators let user know when unit is charging, complete or an error has occurred
- International kit available (removable plug)

WAIST BELT:

- Large heavy duty belt clips, easy to attach wearing gloves
- Ergonomic easily adjusting belt straps for ease of donning
- Double pull straps for even distribution when tightening
- Fire retardant outside material