



SPECIFICATIONS

Product Description: **EZ AIR PRO PAPR SHIELD w/ BLUE WELDING HELMET**
Part Number: **9934-W**
Style: **DELUXE POWERED AIR PURIFYING RESPIRATOR (ADF LENS)**

GENERAL DESCRIPTION:

Performance proven and a cost effective respirator used in foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications. This helmet offers protection from airborne contaminants including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes. The welding shield flips allowing user to grind and clean metal looking through clear ANSI face shield. Equipped with variable shade, auto-darkening lens, shade 5-14. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection. **NIOSH approved**

Complete PAPR assembly includes welding shield w/ ADF lens, FR downtube, blower, battery, charger, flow tester and HEPA filters.



PROTECTION FACTOR:

A Certified 3rd Party Testing Lab was contracted to conduct a Simulated Work Place Protection Factor Study on the 9904 Series Respirator. The results of this study indicated that 9904 samples tested yielded 5th percentile protection factors greater than 1,000 thus allowing Allegro to claim that the 9904 Series Respirator qualifies for an APF of 1000 as permitted by OSHA*.

**Per OSHA Assigned Protection Factor, Federal Register Notice 71:50121-50192, Dated 8/24/2006. Supporting test data is available upon request from Allegro Industries.*

AIR SHIELD/HELMET:

- NIOSH approved
- Head protection: ANSI Z89.1 Type 1 Class G
- Made of ABS
- Low profile and lightweight (3.62 lbs) (1.64 kg) (visor alone: 0.48 lbs (0.22 kg))
- Quick release suspension for easy cleaning
- Made in USA

LENS (SHIELD):

- Eye Protection: ANSI Z87.1+
- Made of anti-fog polycarbonate
- Viewing area: 15" x 6.75" (38.1 cm x 17.1 cm)

VISOR (WELDING HELMET) w/ AUTO-DARKENING FILTER (ADF):

Replacement ADF Kit PN: 9904-36

- Made of glass filled polyamide (Nylon)
- 2.3" x 3.8" (5.8 cm x 9.6 cm) viewing area
- ANSI, CSA and CE approved
- Permanent outer UV/IR filter coating to protect welder eyes
- Digital solar powered Lithium Battery lasts 5 – 10 years
- Adjustable dark shade modes from 5 to 14 for most types of arc welding
- 4 adjustable light shade modes
- 7 adjustable sensitivity settings and 8 delay settings
- 5 Amps TIG rating
- Grind mode
- 1/10,000 switching time
- Magnetic Sensor
- 3 year warranty

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NECK CAPE:

- Made of Stedprene (a fire retardant, polyurethane coated poly cotton fabric)
- Protects user's neck from flying debris

BREATHING TUBE:

- Same quick disconnect bayonet couplers on both ends for easy assembly
- Hose length: 29.50" (74.9 cm) (Fully extended with plastic QDs: 45" (114.3 cm))
- Made of PU-FR (Flame Retardant Polyurethane) with an ABS Helix. UL94 listed.

BLOWER:

- ABS lightweight blower - weighs only 2.8 lbs. (1.13 kg)
- Low profile off the hip – 5" (12.7 cm) with belt
- Noise level is under 70dB
- Power button to turn the unit on or off
- Adjustable flow rate is 7.6 CFM (210 liters/min) to 8.2 (226 liters/min)
- Audible, visual and vibration alarms indicating filter life, air flow and battery life

FILTERS:

- Two easy removable NIOSH approved HEPA filters (42 CFM, Part 84) included in assembly
 - Filters 99.97% of particulates larger than 0.3 Micrometers
 - *Also available combination filter/cartridges: HEPA/OV and HEPA/HE, HF, HC, SD*
- Locking clips protect filters from damage and accidental removal

BATTERY:

- 6V rechargeable NiMH battery
- Fully charged battery will operate 8 hours at minimum speed and 7 hrs. on max speed
- Recharging time is 5 hours
- Battery housing is made from impact-proof ABS
- Battery can be easily removed (equipped with locking tab)

CHARGER:

- 110-240V, 50/60 Hz
- LED indicators let user know when unit is charging, complete or an error has occurred

WAIST BELT:

- Large heavy duty belt clips makes it easy to attach wearing gloves
- Ergonomic easily adjusting belt straps and quick-connect buckle for ease of donning
- Outside belt is made with rubber material