

SPECIFICATIONS

Product Description:
Part Number:
Style:

**EZ AIR FLEX GRINDING/WELDING AIR SHIELD SAR
9907-WADF AND 9251 SERIES
SUPPLIED AIR RESPIRATOR AND SYSTEMS**

GENERAL DESCRIPTION:

Our EZ Air Flex Grinding/Welding Air Shield Supplied Air Respirator (SAR) is intended for industrial applications where combined respiratory, eye and face protection are required. This welding helmet features a durable flip-up visor to expose a grind shield below that maintains respiratory protection while workers can continue grinding or inspecting welds. It is a system that provides a constant supply of fresh 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, lead and ozone). 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+ for face-shield/eye protection. CE certified.

NIOSH approved

SHIELD: (PN 9937-BHTWADF)

- Made from Dupont[®] super tough flame-retardant nylon that can withstand extreme cold/heat without cracking or deforming
- Adjustable durable Pera-Lok locking ratcheting head gear with replaceable ultrasoft sweat band
- Large shield design accommodates safety glasses under the face shield
- Visor dimension: 7" x 5.4" x 0.040" (176.9 mm x 137.7 mm x 1.0 mm)
 - Viewing area: 41.2 sq. in. (26,560 mm²)
 - Visor thickness: 0.067" (1.7 mm)
- Complete with comfortable sweatband
- Complete headtop assembly weighs 0.58 lbs. (265 grams)
- Shell is 0.28 lbs. (130 grams)
- Visor is 0.12 lbs. (55 grams)
- Direct flow into the helmet with new air-manifold system
- User control of airflow direction
 - Fully open-air setting to mitigate fogging
 - Fully closed air setting to channel airflow to breathing zone
 - Partially closed air setting for taking the sweat out of welding
 - Lightweight, super comfortable 100% FR treated face seal
 - Easy change face seal, no more nuts and bolts to fiddle around with
- APF 25
- Certifications:
 - Complies with ANSI Z87.1+
 - CE certified
 - NIOSH approved

NECK SHROUD:

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

BREATHING TUBE:

- Flexible breathing tube to accommodate more users!
- Removable fire-retardant hose cover
- Same quick-disconnect bayonet couplers on both ends for easy assembly



9907-WADF



9251-01

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

- Viewing area: 9.3 sq. in. (2.36" x 3.93"), 236.2 sq. mm (59.94 mm x 99.82 mm)
- 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

FLOW CONTROLLERS:

- Easily interchangeable to Low Pressure or High Pressure. Four options available:
 - Low Pressure Flow Adapter (PN 9910-11)
 - High Pressure Flow Control Valve (PN 9992)
 - High Pressure Personal Cooler (PN 9991)
 - High Pressure Air Temperature Controller (PN 9990)
- Flow controllers come with a nylon adjustable waist belt



9910-11
9907-DG



9992
9907-CVG



9991
9907-CG



9990
9907-HCG

AVAILABLE:

PN	Description
Shields	
9907-WADF	EZ Air Flex Grinding/Welding Air Shield head top
9907-CVWADF	EZ Air Flex Grinding/Welding Air Shield head top w/ HP Flow Control Valve
9907-CWADF	EZ Air Flex Grinding/Welding Air Shield head top w/ HP Personal Air Cooler
9907-DWADF	EZ Air Flex Grinding/Welding Air Shield head top w/ LP Adapter
9907-HCWADF	EZ Air Flex Grinding/Welding Air Shield head top w/ HP Air Temperature Controller
Systems	
9251-01	1-Worker EZ Air Flex Grinding/Welding Air Shield System with 50' Hose (with 9821 pump, refer to 9821 spec sheet for more information)
9251-02	2-Worker EZ Air Flex Grinding/Welding Air Shield System with 50' Hoses (with 9832 pump, refer to 9832 spec sheet for more information)