



## SPECIFICATIONS

Product Description: **RESPIRATOR, SUPPLIED AIR SHIELD w/ WELDING HELMET**  
Part Number: **9904-WB SERIES**  
Style: **DELUXE (BLACK HELMET)**

### GENERAL DESCRIPTION:

**Welding Helmet:** This is a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications. Performance proven with a constant and powerful supply of breathable air from a clean air source, 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. Large #10 lens included. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection.

**NIOSH approved**



**System:** The Supplied Air Respirator delivers a constant and powerful supply of breathable air from a clean air source. They include one or two shields and welding helmets, a 3/4 hp or 1 1/2 hp ambient air pump and 50 feet of breathing hose. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection. **NIOSH approved**



### PROTECTION FACTOR:

A Certified 3<sup>rd</sup> 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 5<sup>th</sup> 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.*

### WELDING HELMET:

- NIOSH approved
- Lightweight
- Made in USA

### LENS (SHIELD):

- Protection Factor: APF 1000
- Eye Protection: ANSI Z87.1-2003

### VISOR (SHIELD):

- Large #10 lens
- ADF lens sold separately

**NECK CAPE:**

- Poly cotton material
- Added comfort
- Protects user's neck from falling debris

**DOWN TUBE & FLOW CONTROLLERS:**

- Corrugated flexible and lightweight material for greater comfort and less fatigue
- Easily interchangeable to Low Pressure or High Pressure. Four options available: Low Pressure Flow Adapter (P/N 9910-11) (10-43 psi), High Pressure Flow Control Valve (P/N 9992) (25-46 psi), Personal Cooler (P/N 9991) (72-98 psi), Air Temperature Controller (P/N 9990) (90-120 psi)
- Low profile nylon adjustable waist belt



9910-11



9992



9991



9990

**AVAILABLE:**

PN	Description
<b><i>Helmets</i></b>	
9904-WB	Deluxe Supplied Air Shield & Welding Helmet w/No Flow Valve
9904-DWB	Deluxe Supplied Air Shield & Welding Helmet w/LP Adapter
9904-CVWB	Deluxe Supplied Air Shield & Welding Helmet w/HP Control Valve
9904-CWB	Deluxe Supplied Air Shield & Welding Helmet w/HP Personal Cooler
9904-HCWB	Deluxe Supplied Air Shield & Welding Helmet w/HP Temperature Controller
<b><i>Systems</i></b>	
9249-01	One Worker System with 50' Hose (with 9821 pump, refer to 9821 spec sheet for more information)
9249-02	Two Worker System with 50' Hose (with 9832 pump, refer to 9832 spec sheet for more information)
<b><i>Filters</i></b>	
9904-35	Variable Shade 9-13 Auto Darkening Filter Kit