

Allegro 9246-02 Supplied Air Shield Welding Helmet Respirator

SPECIFICATIONS

Product Description: **RESPIRATOR, SUPPLIED AIR SHIELD w/ WELDING HELMET**
Part Number: **9903-W Series**
Style: **SUPPLIED AIR**

GENERAL DESCRIPTION:

This comfortable light weight shield with welding helmet offers both low and high pressure continuous flow protection with a unique an adjustable waist belt holding the hose and airflow control device out of the way. Perfect for most welding jobs. It's durable and easy to use.

WELDING HELMET:

- Molded from tough Thermoplastic Resin
- Easy filter replacement
- Lightweight
- Made in USA
- Meets ANSI Z8731 Standards

STANDARD FILTER (WELDING HELMET):

- 4½" x 5¼" (11.43 cm x 13.3 cm)
- Shade 10 Polycarbonate Plate with Clear Cover Plate
- Polycarbonate has outstanding impact strength and optical clarity
- Filter plates provide reliable protection against UV/IR emission, heat, sparks and spatter

LENS (SHIELD):

- High impact polycarbonate (meets ANSI Z87.1-2003)
- Wide field of vision with distortion-free replaceable lens
- Anti-fog and anti-scratch coatings

SUSPENSION (SHIELD):

- Headband ratchet assembly

VISOR (SHIELD):

- Nylon plastic
- Flip up

SHROUD (SHIELD):

- Cotton
- Added comfort
- Keeps debris from falling down back of neck



9903-W



9903-20



9246-01

CHIN GUARD (SHIELD):

- Polypropylene
- Added strength

DOWN TUBE & FLOW CONTROLLERS:

- Corrugated flexible and lightweight material for greater comfort and less fatigue
- 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
9903-DW



9992
9903-CVW



9991
9903-CW



9990
9903-HCW

AUTO-DARKENING FILTER (WELDING HELMET):

- Good for all welding processes including TIG and TIG pulsing
- Features both optical and magnetic arc detection systems
- Capability to detect light and magnetic waves that occur during welding
- Optomagnetic sensors can be adjusted from zero to six feet in range
- Solar powered with dual sensors
- Active viewing area: 1.6" x 3.8" (4.06cm x 9.65cm)



PN	Description
Helmets	
9903-W	Shield with Welding Helmet, Standard Filter (No Air Flow Controller)
9903-DW	Shield with Welding Helmet with Low Pressure Adapter, Standard Filter
9903-CVW	Shield with Welding Helmet with Flow Control Valve, (HP), Standard Filter
9903-CW	Shield with Welding Helmet with Personal Air Cooler, (HP), Standard Filter
9903-HCW	Shield with Welding Hemet with Air Temperature Controller, (HP) Standard Filter
Systems	
9246-01	One Worker System with 50' Hose (with 9821 pump, refer to 9821 spec sheet for more information)
9246-02	Two Worker System with 50' Hose (with 9832 pump, refer to 9832 spec sheet for more information)
Accessories - Filters	
9903-20	Welding Helmet Kit, Standard Filter (converts 9903 Shield SAR to 9903 W Series)
9903-35	Variable Shade 9-12 Auto Darkening Filter Kit