

 **Speedglas™**



Adflo PAPR



Fresh-air III SAR



9100



9100-Air



9100 FX



9100 FX-Air



9100 MP



SL



100 Series



3M Welding Helmet 10



3M Headgear L-Series SG



3M Faceshield ClearVisor

PRODUCT OVERVIEW

3M Welding PPE Presentation



Product overview

Welding Helmet Options

Options	3M™ Speedglas™ Welding Helmet 9100 Series and 3M™ Headgear L-Series SG					3M™ Speedglas™ Welding Helmet SL	3M™ Speedglas™ Welding Helmet 100 series			3M™ Welding Helmet 10
Welding Filters	 9100XXi	 9100XX	 9100X	 9100V	 9100 Passive	 SL	 100V	 100S-10	 100S-11	 10V
Welding Helmets										

Options	With Hard Hat (Non-Air)			With 3M™ Adflo™ Powered Air Purifying Respirator			With 3M™ Speedglas™ Fresh Air III Supplied Air Regulator		
Welding Helmet Systems									

3M™ Speedglas™ Fresh-air III Supplied Air Regulator

Lightweight, belt-mounted regulator allows you to regulate airflow from a supplied air source and cool (V-100) or heat (V-200) the air entering the headgear by as much as 50°F (28°C). Ideal for extreme temperature work environments.



Offers Assigned Protection Factor (APF) of 25 with Speedglas welding helmets and L-705SG headgear and APF 1000 with L-905SG headgear when used as a NIOSH-approved system.

Shown here: 3M™ Supplied Air Respirator Vortex Cooling Assembly, V-100

FEATURES

TECHNICAL FACTS

COMPATIBILITY

ACCESSORIES

PARTS LIST

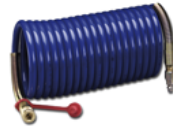
3M™ Speedglas™ Fresh-air III Supplied Air Regulator

Technical Specifications	3M™ Speedglas™ Fresh-air III Regulator
Airflow	6-15 CFM
Air Pressure	Varies with hose length. See product user instructions. V-100/200: 62-91 psig V-300: 30-63 psig V-400: 6-15 psig
Weight (Approx): Valve (without pad or belt)	V-100: 12.3 oz V-200: 14.8 oz V-300: 9.5 oz V-400: 7.5 oz
Belt:	Cotton, up to 43 in.
Temperature range: Operation Storage	23°F to 131°F -4°F to 131°F

3M™ Speedglas™ Fresh-air III Supplied Air Regulator



Air Hose
W-9435-25,
W-9435-50,
W-9435-100



Air Hose
W-2929-25
W-2929-50
W-2929-100



Air Hose
W-3020-50



V-100
V-200
V-300

V-400*



Adaptor V-199



Breathing Tube L-122SG



L-Series SG



Breathing Tube
19-0099-63 (non QRS)



9000 / FlexView
HWR



9100-Air



9100 FX-Air



9100 MP



Adaptor V-199



Breathing Tube
SG-30W,
SG-40W
(QRS)

* V-400 low pressure connection assembly is only compatible with air hose W-3020-50. It is compatible with the same breathing tubes and adaptors as listed for V-100 / V-200 / V-300 above.

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3M™ Speedglas™ Fresh-air III Supplied Air Regulator



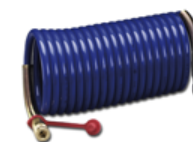
L-199SG
High temperature breathing
tube cover (for use with L-
122SG breathing tube)



SG-15
Flame resistant breathing tube cover (for
use with SG-30W/SG-40W breathing
tubes)



W-9435-25 High pressure air supply hose 25 ft
W-9435-50 High pressure air supply hose 50 ft
W9435-100 High pressure air supply hose 100 ft



W-2929-25 High pressure air supply hose 25 ft
W-2929-50 High pressure air supply hose 50 ft
W-2929-100 High pressure air supply hose 100 ft



W-3020-50
Low pressure air supply hose 50 ft



W-2806 Filter and Regulator Panel
W-2808 CO Monitor Retrofit Kit (not shown)



256-02-00
Portable Filter and Regulator Panel

FEATURES

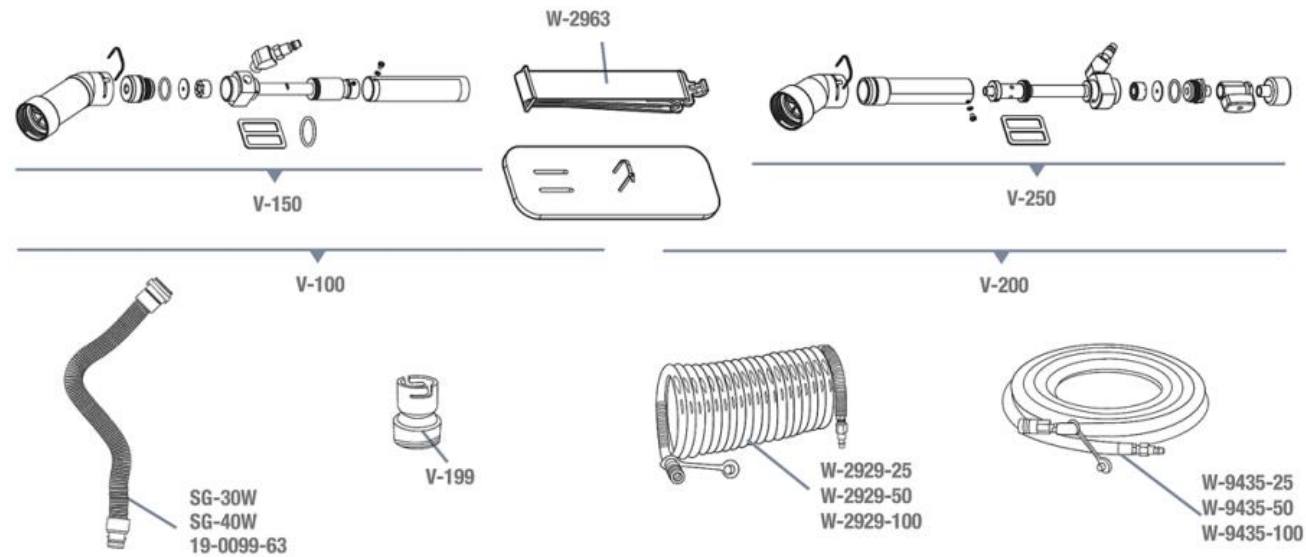
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3M™ Speedglas™ Fresh-air III Supplied Air Regulator





Personal Safety Division

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Phone 1-800-328-1667

Web www.3M.com/workersafety

3M PSD products are occupational use only.

3M Personal Safety
Service & Technical Support Center

1-800-243-4630 or visit www.3M.com/workersafety

For a complete listing of parts, visit us at:
www.3M.com/weldingsafety

Note: Welding can create a variety of harmful fumes and gases. When engineering controls are impractical, respirators may be required to help reduce exposures to these airborne welding contaminants.

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⚠ WARNING

These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For proper use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

⚠ WARNING

This product is designed to help protect the wearer's eyes and face from harmful radiation including visible light, ultra-violet radiation (UV), infra-red radiation (IR), sparks and spatter resulting from welding processes. These products must be used only by qualified persons who are properly trained in their use and maintenance. Misuse may result in permanent eye injury and vision loss. Always wear ANSI Z87.1 compliant safety spectacles in addition to any welding helmet. For proper use, see supervisor, or User Instructions or call 3M in U.S.A. 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.