

3M Science.
Applied to Life.™



Supplied Air-Valves. Versatile, Comfortable Protection.

3M™ Versaflo™ Supplied Air Valves

Continuous comfort. Supplied air you can rely on the whole day.

3M™ Versaflo™ Supplied Air systems can help protect your workers from a variety of airborne contaminants while helping to maintain comfort. Supplied Air Respirators are designed to take breathable air and deliver it to the worker.



Designed for comfort. Powered by innovation.

3M developed the Versaflo Supplied Air system to deliver the safety you need, with the comfort and ease you've been looking for.

Comfort



Temperature can be adjusted for worker needs on V-100 and V-200 valves.

Ease



Easy to buy, easy to maintain and easy to use with your Versaflo headtops and breathing tubes that you already use with your Versaflo PAPR.*

Versatility



Use in a variety of industries and applications, 3M supplied air systems provide options for user comfort and cost effectiveness for a range of environments.

*refer to NIOSH Label for approved configurations.

Find the right valve for your environments.

Whether you need a valve to cool, heat or just regulate the incoming compressed airflow on the job, our line of supplied air valves can help meet your workers needs.



**3M™ Versaflo™
Supplied Air Cooling
Valve V-100**



**3M™ Versaflo™
Supplied Air Heating
Valve V-200**



**3M™ Versaflo™
Supplied Air Valve
V-300**



**3M™ Versaflo™
Supplied Air Low
Pressure Valve V-400**

Product	Features	Pressure	Head Top Compatibility
V-100	Cools up to 50°F / 28°C	High	S-Series, M-Series and Certain Speedglas™ Headtops
V-200	Heats up to 50°F / 28°C	High	S-Series, M-Series and Certain Speedglas™ Headtops
V-300	Air Regulator	High	S-Series, M-Series and Certain tight-fitting facepieces
V-400	Air Regulator	Low	S-Series, M-Series and Certain tight-fitting facepieces

Air Panels. Designed to work for you.

Choose the right size panel for your needs.

Filter and regulator panels regulate the air pressure and serve as the users point of attachment while removing certain airborne contaminants. Depending on the model selected, they can also monitor the air for carbon monoxide.



256-02-00



W-2806

Air Panel	Number of Outlets	CFMs	Carbon Monoxide Filter	Carbon Monoxide Detector	Portable	Wall Mountable	Protective Carrying Case	Pressure Type	Particulate and Liquid Removal	Activated Charcoal Filter
256-02-01	8	100	No	Yes	Yes	Yes	Yes	High	Yes	Yes
256-02-00	4	50	Yes	Yes	Yes	Yes	Yes	High	Yes	Yes
W-2806	3-5	50	No	Optional	No	Yes	No	High	Yes	Yes

The actual number of respirators that may be connected to the filter and regulator panel is dependent on inlet pressure to the panel and the airflow and pressure requirements of the respirator.

Hoses

3M hoses are a required part of the 3M Versaflo Supplied Air system per the NIOSH approval. It's easy to choose from a variety of hose fittings and lengths are available.



Hose	Length (ft)	Pressure	Fitting	Can Combine Hoses	Compatible Valves
W-9435	25, 50, 100	High	Industrial	Yes	V-100, V-200, V-300
W-9445	25, 50, 100	High	Schrader	Yes	V-100, V-200, V-300
W-2929	25, 50, 100	High	Industrial	No	V-100, V-200, V-300
W-2929SR	25, 50, 100	High	Schrader	No	V-100, V-200, V-300
W-3020	25, 50, 100	Low	Industrial	No	V-400

Breathing Tubes

Deliver the airflow you need for your application through breathing tubes varying from light to heavy duty.



BT-20S



BT-20L



BT-30



BT-40



SA-1600



SA-2600

Breathing Tube	Length	Description	Adaptor Required
BT-20S	Short	Light Duty	V-199
BT-20L	Long	Light Duty	V-199
BT-30	Adjustable	Medium Duty	V-199
BT-40	Long	Heavy Duty	V-199
SA-2600	Combination – Back mounted	Tight Fitting only	V-399
SA-1600	Combination – Front mounted	Tight Fitting only	V-399
W-3188	Front mounted	Tight Fitting only	V-399

Refer to User Instructions for approved hose combinations.

Easy to use. Easy to buy.

NIOSH-approved supplied air respirators require a specific configuration of supplied air hose, air regulating valve assembly, breathing tube, and helmet, hood, or other facepiece.

Just getting started? Choose a full kit.

For some of the most common applications, we've collected the most popular components into convenient kits.



Painter's Kit V-100-PSK

Convenient respiratory protection for your painters with lightweight faceshield.



Heavy Industry V-100-HIK

For use in rugged industrial environments like demolition, grinding, metal finishing and casting.



Painter's Hood Kit V-100-PHK

Lightweight hood with premium head suspension and inner shroud provides head, eye, neck and shoulder coverage for painting applications.

3M™ Versaflo™ Ready Kits

Name	Description	Adapter	Head Top	Breathing Tube	Cover	Belt	Comfort Pad	Hose
V-100-PSK	3M™ Versaflo™ Supplied Air Cooling Valve Kit V-100-PSK, Paint Spray Kit	V-199	M-206	BT-30	BT-922	TR-325	V-112	W-9435-25
V-100-HIK	3M™ Versaflo™ Supplied Air Cooling Valve Kit V-100-HIK, Heavy Industry Kit	V-199	M-307	BT-30	BT-926	TR-325	V-112	W-9435-25
V-100-PHK	3M™ Versaflo™ Supplied Air Cooling Valve Kit V-100-PHK, Paint Hood Kit	V-199	S-757	BT-30	BT-922	TR-325	V-112	W-9435-25

Seamlessly integrate with 3M™ Versaflo™ headtops, breathing tubes and belts.

Now that you have a supplied air system, you can now integrate your headtop with the 3M™ Versaflo™ range of blowers, headtops and accessories. If you can't connect to a supplied airline system, you can use the same headtops with Versaflo blowers for a seamless integration.

Beat the Heat: Weld Protected with Comfort and Clarity.

Welders are frequently exposed to extreme heat from welding arcs and the materials they work with. During the summer months, heat exposure is magnified. 3M™ Speedglas™ Supplied Air kits come standard the 3M™ Versaflo™ V-100 cooling valves and provide important respiratory protection while helping welders to stay comfortable, safe, and cool on the job.



3M™ Speedglas™ G5-03 Pro Air Welding Helmet

The 3M™ Speedglas™ Welding Helmet, G5-03 Pro Air is designed for the versatile welder. Customizable airflow, an assortment of head covers, neck protectors, and shrouds, as well as an optional task light to allow better visibility of the work piece.



3M™ Speedglas™ G5-01 Heavy-Duty Welding Helmet

The 3M™ Speedglas™ G5-01 Heavy-Duty Welding Helmet uses next-generation technology to help provide dynamic welding protection.



3M™ Speedglas™ 9100 MP Welding Helmet

With the 3M™ Speedglas™ Welding Helmet 9100 MP (Multi-Protection), we've seamlessly integrated 5 levels of welder protection: head, eye, face, respiratory and hearing into one extraordinarily comfortable and easy-to-use system.

Name	Description	Adapter	Head Top	ADF	Breathing Tube	Cover	Belt	Comfort Pad	Hose
45-5702-00	3M™ Speedglas™ G5-03 Pro Air Welding Helmet with 3M™ Versaflo™ Supplied Air Cooling Valve Kit, No ADF	V-199	45-0099-35	Sold Separately	SG-30W	Sold Separately	TR-326	V-112	Sold Separately
46-5702-00	3M™ Speedglas™ G5-01 Heavy-Duty Welding Helmet with 3M™ Versaflo™ Supplied Air Cooling Valve Kit, No ADF	V-199	46-0099-35	Sold Separately	SG-30W	Sold Separately	TR-326	V-112	Sold Separately
27-5702-00SW	3M™ Speedglas™ 9100 MP Welding Helmet with 3M™ Versaflo™ Supplied Air Cooling Valve Kit, No ADF	V-199	27-0099-35SW	Sold Separately	SG-30W	Sold Separately	TR-326	V-112	Sold Separately

Valve Assemblies

Name	Description	Adapter	Head Top	Breathing Tube	Belt	Comfort Pad	Cover	For Use With:		
								S-Series Headtop	M-Series Headtop	Certain Tight-fitting Facepieces
V-100	3M™ Versaflo™ Supplied Air Cooling Valve Assembly V-100	V-199			TR-325	V-112	BT-922	✓	✓	
V-100SR	3M™ Versaflo™ Supplied Air Cooling Valve Assembly V-100SR, with Schrader Fitting	V-199			TR-325	V-112	BT-922	✓	✓	
V-200	3M™ Versaflo™ Supplied Air Heating Valve Assembly V-200	V-199			TR-325	V-112	BT-922	✓	✓	
V-300	3M™ Versaflo™ Supplied Air Valve Assembly V-300	V-199 V-399			TR-325			✓	✓	✓
V-300SR	3M™ Versaflo™ Supplied Air Valve Assembly V-300SR, with Schrader Fitting	V-199 V-399			TR-325			✓	✓	✓
V-300DA	3M™ Versaflo™ Supplied Air Dual Airline Valve Assembly V-300DA	V-199 V-399		SA-2600	TR-325			✓	✓	✓
V-400	3M™ Versaflo™ Supplied Air Low Pressure Valve Assembly V-400	V-199 V-399			TR-325			✓	✓	✓
V-350	3M™ Versaflo™ Air Regulating Valve V-350, Valve only							✓	✓	✓
V-150	3M Versaflo Vortex Cooling Tube V-150, Valve only							✓	✓	

The V-199 Adaptor is compatible with loose-fitting head tops, and the V-399 is compatible with certain tight fitting facepieces. Refer to User Instructions for approved Configurations.

Hoses

Name	For Use With:						Pressure	Length	Fitting Type	Fitting Size	Shape
	V-100	V-100SR	V-200	V-300	V-300SR	V-400					
W-2929-25	✓		✓	✓			High	25	Industrial	3/8 in	Coiled
W-2929-50	✓		✓	✓			High	50	Industrial	3/8 in	Coiled
W-2929-100	✓		✓	✓			High	100	Industrial	3/8 in	Coiled
W-2929SR-25		✓			✓		High	25	Schrader	3/8 in	Coiled
W-2929SR-50		✓			✓		High	50	Schrader	3/8 in	Coiled
W-2929SR-100		✓			✓		High	100	Schrader	3/8 in	Coiled
W-3020-25						✓	Low	25	Industrial	1/2 in	Straight
W-3020-50						✓	Low	50	Industrial	1/2 in	Straight
W-3020-100						✓	Low	100	Industrial	1/2 in	Straight
W-9435-25	✓		✓	✓			High	25	Industrial	3/8 in	Straight
W-9435-50	✓		✓	✓			High	50	Industrial	3/8 in	Straight
W-9435-100	✓		✓	✓			High	100	Industrial	3/8 in	Straight
W-9445-25		✓			✓		High	25	Schrader	3/8 in	Straight
W-9445-50		✓			✓		High	50	Schrader	3/8 in	Straight
W-9445-100		✓			✓		High	100	Schrader	3/8 in	Straight

Breathing Tubes & Adaptors

Name	Description	For Use With:			
		S-Series Headtop	M-Series Headtop	Certain Speedglas™ Headtops	Certain Tight Fitting Facepieces
V-399	3M™ V-399 Adaptor				✓
V-199	3M™ V-199 Adaptor	✓	✓	✓	
BT-20S	3M™ Versaflo™ Breathing Tube, BT-20S	✓	✓	✓	
BT-20L	3M™ Versaflo™ Breathing Tube, BT-20L	✓	✓	✓	
BT-30	3M™ Versaflo™ Length Adjusting Breathing Tube BT-30	✓	✓	✓	
BT-40	3M™ Versaflo™ Heavy Duty Neoprene Rubber Breathing Tube BT-40	✓	✓	✓	
SA-1600	3M™ Combination Dual Airline Front-Mounted Breathing Tube SA-1600 <i>*requires V-399 Adaptor</i>				✓
SA-2600	3M™ Combination Dual Airline Back-Mounted Breathing Tube SA-2600 <i>*requires V-399 Adaptor</i>				✓
6880	3M™ Bayonet Cap 6880 Used to close the bayonet attachments on 3M™ Combination Dual Airline Breathing Tubes. Included in SA-1600 and SA-2600				
W-3188	3M™ Breathing Tube W-3188 <i>*requires V-399 Adaptor</i>				✓
W-3187	3M™ Airline Adapter W-3187, fits into the center port of the 3M™ Full Facepiece 7800S or 6000DIN <i>*contains adaptor for connecting W-3188 Breathing Tube to V-399 Adaptor</i>				✓

Air Filter Panels

Name	Description	For Use With:
W-2806	3M™ Compressed Air Filter and Regulator Panel W-2806, 50 cfm, 3-5 outlets	All supplied air products
256-02-00	3M™ Portable Compressed Air Filter and Regulator Panel 256-02-00, 50 cfm, 4 outlets, w/Carbon Monoxide Filtration and Monitor	
256-02-01	3M™ Portable Compressed Air Filter and Regulator Panel 256-02-01, 100 cfm, 8 outlets, w/Carbon Monoxide Monitor	

Calibration Kits & Replacement Parts

Part No	Description
529-04-48	3M™ Calibration Kit, 529-04-48, black, large, 1/pack
529-04-49	3M™ Calibration Kit, 529-04-49, black, small, 1/pack
529-05-16	3M™ Span Gas Cylinder, 529-05-16, white, large, 1/case
529-05-17	3M™ Zero Gas Cylinder, 529-05-17, large, 1/case
529-05-18	3M™ Zero Gas Cylinder, 529-05-18 small, 1/case
529-05-19	3M™ Span Gas Cylinder, 529-05-19 small, white, 1/case

CO Monitors

Part No	Description
529-05-22	3M™ Carbon Monoxide Sensor, 529-05-22, black, 1/case
W-2808	3M™ Retrofit Carbon Monoxide Monitor Kit, W-2808, black, 1/case

Replacement Filters

Part No	Description	Used With:
523-05-28	3M™ Replacement Filter Kit 523-01-28 1 EA/Case	Panel 256-02-00
523-05-29	3M™ Replacement Filter Kit 523-01-29 1 EA/Case	Panel 256-02-01
W-2811	3M™ Filter Cartridge, W-2811-10, grey, 10/pack	Panel W-2806

Fittings

Part No	Description
W-1449	Industrial interchange socket used on the 3M W-2808, 258-02-00 and 258-02-01 filter and regulator panels. 1/4 inch body size, 3/8 MPT, 2/Case.
W-3057	Low pressure industrial interchange plug used on W-3020 airlines. 3/8 inch body size, 3/8 FPT, 2/Case.
W-3080	Industrial interchange plug that comes standard on W-9435 and W-2929 airlines. 1/4 inch body size, 1/4 FPT, 2/pack.
W-3182	Optional Schrader socket for 3M W-2808, 256-02-00 and 256-02-01 filter and regulator panels. 1/4 body size, 3/8 MPT, 2/case.
W-3183	Schrader plug that comes standard on W-9445 and W-2929SR airlines. 1/4 inch body size, 1/4 FPT, 2 Plugs/Pkg.
W-3184	Industrial interchange socket that comes standard on W-9435 and W-2929 airlines. 1/4 inch body size, 1/4 FPT, 2EA/Case.
W-3185	Schrader socket that comes standard on W-9445 and W-2929SR airlines. 1/4 body size, 1/4 FPT, Schrader 2/Case.
W-3186	Schrader plug that comes standard on V-100SR and V-300SR. 1/4 inch body size, 1/4 MPT. 2 EA/case.
W-3198	Optional low pressure Schrader plug that can be used on W-3020 low pressure airline. 1/2 inch body size, 3/8 FPT Schrader 2/Case.
W-3199	Optional low pressure Schrader socket that can be used on W-3020 low pressure airline. 1/2 inch body size, 3/8 FPT, Schrader 2/Case.
W-3224	Low pressure industrial interchange socket used on W-3020 airlines, Industrial Interchange 2/Case.
W-3251	Optional low pressure Schrader plug that can be used on V-400 low pressure connector assembly. 1/2 inch body size, 1/4 MPT, Schrader 2 EA/Case.
W-3252	Low pressure industrial interchange plug used on V-400 low pressure connector assembly. 3/8 body size, 1/4 MPT, Industrial Interchange 2 EA/Case.
W-3279	3M™ Plug W-3279-2, 1/4 in Body Size, 1/4 in FPT, Industrial Interchange 2/Case. Used on W-9435 or W-2929 supplied air hoses.
W-3280	3M™ Socket W-3280-2, 1/4 in Body Size, 1/4 in FPT, Industrial Interchange 2/Case. Used on W-9435 or W-2929 supplied air hoses.
W-3281	3M™ Socket W-3281-2, 1/4 in Body Size, 3/8 in MPT, Industrial Interchange, 2/Case. Used on compressed air filter and regulator panel W-2806.

Try 3M™ Versaflo™ Supplied Air Respirators for yourself.

For information visit [3M.com/Versaflo](https://www.3m.com/Versaflo).

Add or contact us at: United States: 1-800-328-166. Canada: 1-800-267-4414.



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WARNING

These respirators help reduce exposures to certain airborne particulates. 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 injury, illness or death. For correct use, consult supervisor and User Instruction, or call 3M PSD Technical Service in USA at 1-800 243-4630 and in Canada at 1-800-267-4414.

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