



Versa-Hood™ Supplied-Air Respirator

Features

- Knit collar offers greater comfort
- Twin lens system doubles hood life
- Flexibility - use with plant air source, or with a one-person compressor
- Disposable outer cover eliminates the need for cleaning, thereby saving money
- Hood suspension is easily adjustable and stable, minimizing the need for a chinstrap
- Air Distribution system keeps the lens fog-free
- When head protection is needed, a special 3-point Velcro* system secures the hood to an MSA V-Gard® Cap

*Trademark of Velcro, Inc.

Description

The Versa-Hood Supplied-Air Respirator can be used anywhere a Type C air-supplied hood is required.

The Versa-Hood is available in shoulder-length and waist-length styles. Either style can be equipped for use with a plant air source or a personal air compressor.

Vortex Tube

The Vortex Tube is a direct-flow high-pressure device which cools as well as regulates the flow of incoming air. The wearer can adjust the temperature of the air with a throttling valve at the end of the tube. A warm/cool version is also available. See page 4.



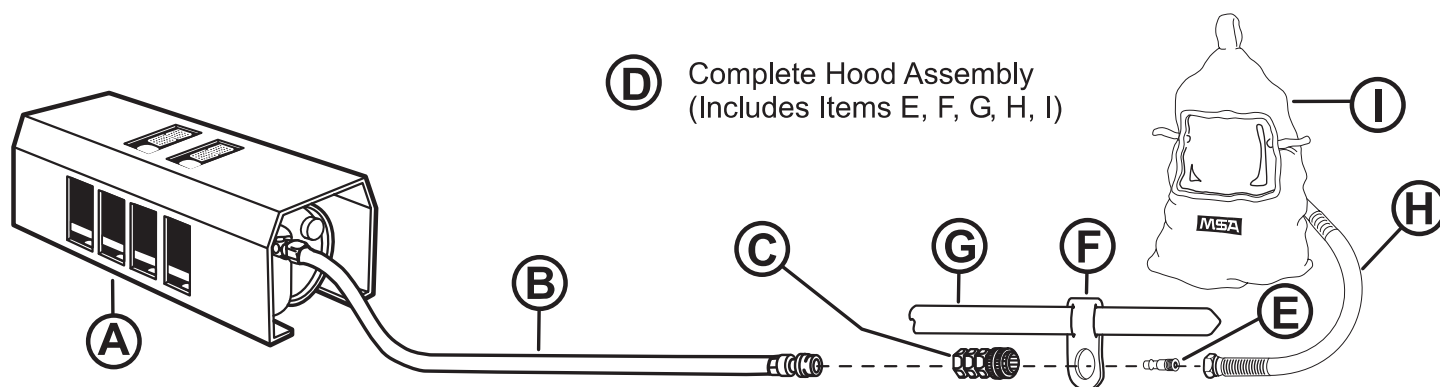
Versa-Hood with Personal Compressor

When using a personal compressor with the Versa-Hood Supplied-Air Respirator, the compressor must be installed in an atmosphere which is Grade D, respirable air, as defined in ANSI Standard Z-86.1-1973 (Compressed Gas Association Specification G-7.1 for Type 1, Grade D Gaseous Air).

Approvals & Standards

The Versa-Hood Supplied-Air Respirator is jointly certified by the National Institute for Occupational Safety and Health (NIOSH) under 42 CFR, Part 84, Subpart J. The MSA Versa-Hood has certifications: TC-19C-220, TC-19C-222 and TC-19C-224.

Suggested Air-Supply Setup For The Versa-Hood Supplied-Air Respirator and Personal Compressor



ORDERING INFORMATION

Description	Part No.
(A) Personal Compressor†	N/A
(B) MSA 1/2" Air-Supply Hose:	
25' neoprene	483809
50' neoprene	483810
100' neoprene	483811
(C) Snap-Tite* Socket for 1/2" Hose System (female with union adapter)	484236
(D) Complete Hood Assembly:	
Shoulder-length, with male Snap-Tite connector	484769
Waist-length, with male Snap-Tite connector	484770
Hood Assembly Components:	
(E) Male Snap-Tite Plug for 1/2" Hose	633539
(F) Belt Holder	483623
(G) PVC Support Belt	473902
(H) Hood hose (3/8" NPT)	483606
(I) Hood Only:	
Shoulder-length	482612
Waist-length	482610
Adapter	483696
7/8"-14 male x 3/8" NPT male	
1/2" hose has 7/8"-14 thread size	

The air source must provide at least 6 cubic feet per minute (cfm) to each hood, and keep the inlet pressure in the correct range for the specific flow control device selected.

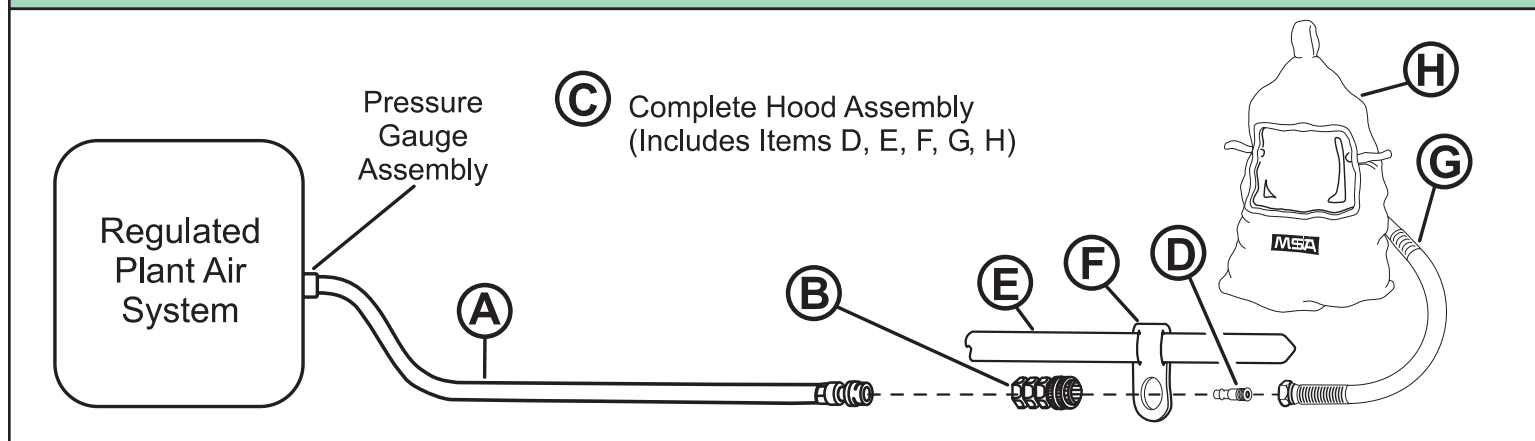
Hose Length	Pressure Range*
8-25 feet	3 1/2-5 psig.
25-50 feet	4 1/2-6 psig.
50-100 feet	6-8 psig.
100-150 feet	8-11 psig.
150-200 feet	9-15 psig.
200-250 feet	10-18 psig.
250-300 feet	12-20 psig.

*Inlet Pressure required for given length of 1/2" hose

† Use minimum of 50 ft. hose

*Trademark of Snap-Tite Incorporated

Suggested Air-Supply Setup For The Versa-Hood Supplied-Air Respirator and 3/8" Hose System with Direct Connectors



ORDERING INFORMATION

Description	Part No.
(A) MSA 3/8" Air-Supply Hose	(see table below)
(B) Socket Assembly for 3/8" Hose System*	
Snap-Tite	455019
Foster	467044
(C) Complete Hood Assembly:	
Shoulder-length hood	
Snap-Tite, Aluminum plug	484689
Foster Steel plug	484690
Waist-length hood	
Snap-Tite, Aluminum plug	484693
Foster Steel plug	484694
Hood Assembly Components	
(D) Male Plug*	
Snap-Tite	66273
Foster	56549
(E) PVC Support Belt	473902
(F) Belt Holder	482618
(G) Hood Hose (1/4" NPT)	482702
(H) Hood Only:	
Shoulder-length	482612
Waist-length	482610

Inlet pressure required for given lengths of 3/8" hose

Feet	PSIG
8 to 25	10 to 11
33 to 50	13 to 14
50 to 75	15 to 17
75 to 100	19 to 21
100 to 150	23 to 25
150 to 200	28 to 31
200 to 250	32 to 36
250 to 300	36 to 40

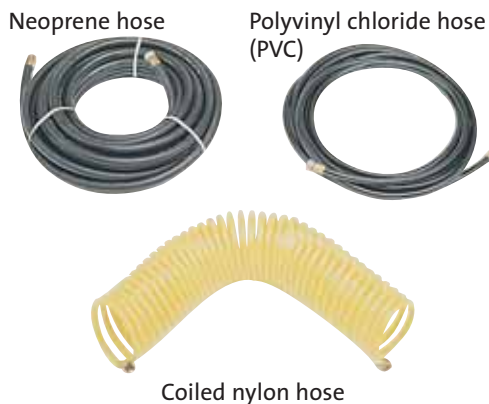
*Any approved MSA fittings available.

Consult our website or your local MSA Distributor for more information.

MSA Air-Supply Hose

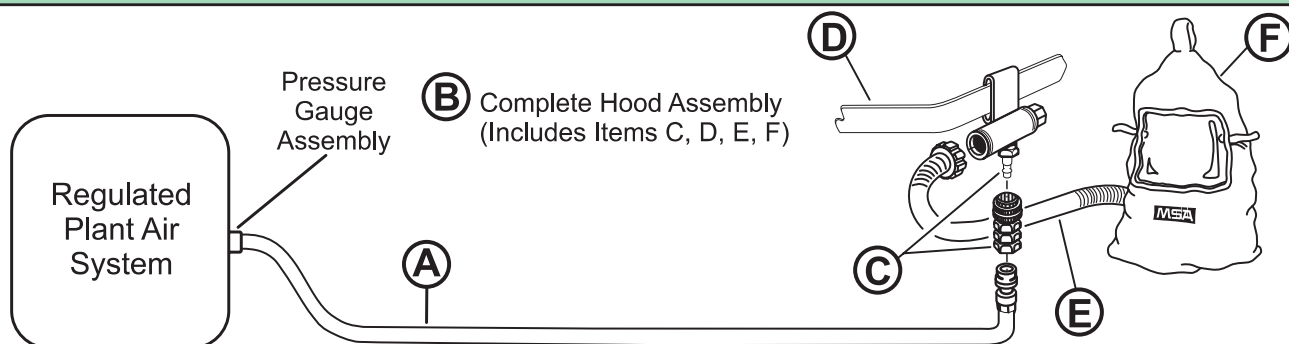
MSA Air-Supply Hose is available in smooth, reinforced lightweight polyvinyl chloride; chemical-resistant black neoprene; or smooth, coiled nylon.

*(Coiled-nylon recommended usable length 4-25 feet.)



Part No.	Hose Length(ft)	Hose Material
481071	8	Neoprene
455020	15	Neoprene
455021	25	Neoprene
455022	50	Neoprene
481051	8	PVC
471511	15	PVC
471512	25	PVC
471513	50	PVC
*491513	8	Coiled Nylon
*491514	15	Coiled Nylon
*491515	25	Coiled Nylon
*474043	50	Coiled Nylon

Suggested Air-Supply Setup For The Versa-Hood Supplied-Air Respirator and 3/8" Hose System with Adjustable Valve Connectors



ORDERING INFORMATION

Description	Part No.
(A) MSA 3/8" Air-Supply Hose	(see table on page 3)
(B) Complete Hood Assembly (including adjustable valve connector and socket assembly):	
Shoulder-length	
Adjustable valve connector with Snap-Tite Quick-Disconnect	482823
Adjustable valve connector with Foster Quick-Disconnect	482824
Waist-length	
Adjustable valve connector with Snap-Tite Quick-Disconnect	482827
Adjustable valve connector with Foster Quick-Disconnect	482828
Hood Assembly Components	
(C) Adjustable valve connector for 3/8" Hose System:	
Snap-Tite	460814
Foster	471814
(D) PVC Support Belt	473902
(E) Hood hose with coupling nut for adjustable valve connector	482703
(F) Hood Only:	
Shoulder-length	482612
Waist-length	482610

ACCESSORIES

482612	Replacement shoulder-length hood
482610	Replacement waist-length hood
482646	Special V-Gard Slotted Cap, Small (functions as hood suspension w/ velcro)
482647	Special V-Gard Slotted Cap, Medium (functions as hood suspension w/ velcro)
454230	Replacement Staz-On™ Suspension (for medium V-Gard Slotted Cap)
467386	Replacement Staz-On Suspension (for small V-Gard Slotted Cap)
473332	Replacement Fas-Trac® Suspension (for medium V-Gard Slotted Cap)
482614	Replacement Simple Hood Suspension
484319	Optional Chin Strap (elastic)
484320	Optional chin Strap (cotton webbing)

Inlet Pressure required for given lengths of 3/8" hose, adjustable valve system.

Feet	PSIG
8 to 300	55 to 60

Versa-Hood Respirator Assemblies with Vortex Tubes

494425	Shoulder-length hood w/ Cool-Only Vortex, less Quick-Disconnects
494427	Waist-length hood w/ Cool-Only Vortex, less Quick-Disconnects
495782	Shoulder-length hood w/ Warm/Cool Vortex, less Quick-Disconnects

For Versa-Hood w/Vortex tube:

66274	Snap-Tite(AL) plug
55716	Foster(S) plug
469595	Cartridge Holder
815175	P100 Combo-Cartridge
495701	Warm/Cool Vortex, less Quick-Disconnect
494392	Cool only Vortex, less Quick-Disconnect

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



Corporate Headquarters
P.O. Box 426, Pittsburgh, PA 15230 USA
Phone 412-967-3000
www.MSAnet.com

U.S. Customer Service Center
Phone 1-800-MSA-2222
Fax 1-800-967-0398

MSA Canada
Phone 1-800-MSA-2222
Fax 905-238-4151

MSA Mexico
Phone 52-55 21 22 5770
Fax 52-55 359 4330

MSA International
Phone 412-967-3354
Fax 412-967-3451

Offices and representatives worldwide
For further information:

