

# Hoods H-Series

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3M™ Hoods H-Series are NIOSH approved and offer respiratory protection and superior comfort in the most demanding work environments. They're lightweight and loose-fitting. The unique airflow design helps prevent fogging of the wide-view faceshield. Optional air control devices allow the incoming air to be heated or cooled by as much as 50°F (28°C).

These hoods offer easier breathing and a higher level of respiratory protection than negative pressure half and full facepiece respirators. Loose-fitting hoods eliminate the cost and time of fit testing that is required with tight fitting respirators. These hoods can easily be worn with facial hair, prescription eyewear or safety glasses.

**Features:**

- U-shaped faceshield provides excellent peripheral and downward vision
- Approved with 3M™ Belt-Mounted Powered Air Purifying Respirator (PAPR) GVP-Series and Supplied Air Component
- Available with hardhat or cap suspension
  - H-213-2 Cap Suspension snaps in front and back of hood for greater stability
- Choice of collar or inner shroud design
  - Inner shroud can be tucked into protective garments to help provide additional comfort



**3M™ Hoods H-Series**

## Three Different 3M Hoods:

### 3M™ Hoods H-400 Series

**Features:**

- Made of Tychem® QC Fabric
- Wide-view, polyester faceshield provides greater resistance to solvents
- Choice of inner shroud or collar

**Applications:**

- Spray painting
- Coating operations
- Fiberglass manufacturing
- Pharmaceutical manufacturing
- Pesticide handling
- General maintenance
- Gel coating

### 3M™ Sealed-Seam Hoods H-600 Series

**Features:**

- Made of Tychem® SL Chemical Barrier Fabric
- Sealed seams help prevent chemical permeation through thread holes
- Collar provides comfortable neck seal

**Applications:**

- Chemical handling/mixing
- Hazardous-waste remediation
- Aircraft refinishing
- Pesticide operations

### 3M™ Grinding Hoods H-900 Series

**Features:**

- Made of durable, flame-resistant fabric
- Peel-off covers protect the primary faceshield from abrasion
- Safety glasses easily fit underneath
- Available with hardhat and choice of inner shroud or collar

**Applications:**

- Grinding
- Cut-off
- Chipping
- Shakeout
- Maintenance

**Ordering Information:** Build the system that's right for you. Just follow the easy steps below.

**Step 1 — Choose the 3M™ Hood Assembly**

Refer to page four for specific assembly details.

<b>Standard (Tychem® QC):</b>	☐ H-411	☐ H-412	☐ H-421	☐ H-422
<b>Sealed-Seam (Tychem® SL):</b>	☐ H-611	☐ H-612		



**Step 2 — Choose the 3M™ Breathing Tube**

- ☐ H-115 Maintenance-free breathing tube
- ☐ GVP-122 Reusable breathing tube

- ☐ W-5114 Breathing tube

**Step 3 — Choose Powered Air or Supplied Air**

**A. Choose a 3M™ PAPR Assembly**

<b>GVP-1 Belt-Mounted Assembly</b>	Includes: motor blower, battery pack, charger, flow meter, flow meter adapter, power cord, blower plugs and web belt (GVP-127).
<b>GVP-1U Belt-Mounted Assembly</b>	Includes: motor blower, battery pack, charger, flow meter, flow meter adapter, power cord, blower plugs and urethane belt (GVP-117).
<b>GVP-CB Comfort Belt-Mounted Assembly</b>	Includes: same as GVP-1, but with a comfort belt (CB-1000) instead of a web belt.
<b>GVP-1NiMH</b>	Includes: same as GVP-1 except BP-15 NiMH battery, BC-210 charger and GVP-210 power cord instead of GVP-111 NiCd battery, GVP-112 charger and GVP-110 power cord.
<b>GVP-CBNiMH</b>	Includes: same as GVP-1NiMH except comfort belt CB-1000 instead of web belt GVP-127
<b>GVP-1U NiMH</b>	Includes: same as GVP-1NiMH except comfort belt urethane coated belt GVP-117 instead of web belt GVP-127

**A. Choose a 3M™ Air Control Device**

- ☐ **W-2907 Air Regulating Valve Assembly<sup>1, 2</sup>**  
Allows worker to regulate the flow of compressed air to 3M hoods
- ☐ **W-2907SR Air Regulating Valve Assembly<sup>3</sup>**  
Allows worker to regulate flow of compressed air to 3M hoods
- ☐ **W-2862 Vortex Cooling Assembly<sup>1, 2</sup>**  
Cools compressed air by as much as 50°F (28°C)
- ☐ **W-2862SR Vortex Cooling Assembly<sup>3</sup>**  
Cools compressed air by as much as 50°F (28°C)
- ☐ **W-2863 Vortemp™ Heating Assembly<sup>2</sup>**  
Heats compressed air by as much as 50°F (28°C)
- ☐ **W-3018 Low Pressure Assembly<sup>2</sup>**  
Economical adapter for use with low pressure pumps

<sup>1</sup> Also available with stainless steel fittings (when ordering, add SS to product number, e.g., V-100SS, W-9435SS)

<sup>2</sup> Shipped with Industrial Interchange fittings

**POWERED AIR**      **OR**      **SUPPLIED AIR**

**B. Choose a 3M™ Cartridge/Filter for your PAPR Assembly**

**Product# Description**

- GVP-401:** Organic vapor
- GVP-402:** Acid gas
- GVP-403:** Organic vapor/acid gas
- GVP-404:** Ammonia
- GVP-405:** Formaldehyde
- GVP-440:** High Efficiency (HE)
- GVP-441:** Organic vapor
- GVP-442:** Acid gas/HE
- GVP-443:** Organic Vapor/Acid Gas/HE
- GVP-444:** Ammonia/HE
- GVP-445:** Formaldehyde/HE

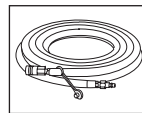


**Note:** For grinding and welding applications, 3M™ Spark Arrest Cover GVP-146 should be used.

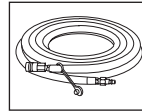
**B. Choose a 3M™ Air Supply Hose for your Air Control Device**

**HIGH PRESSURE**

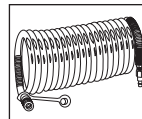
**LOW PRESSURE**



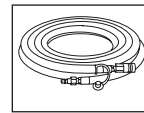
**W-9435<sup>1, 2</sup>**  
Straight—25, 50 or 100 ft. (7.6, 15.2 or 30.5 m)



**W-9445<sup>3</sup>**  
Straight—25, 50 or 100 ft. (7.6, 15.2 or 30.5 m)



**W-2929<sup>1</sup>**  
Coiled—25, 50 or 100 ft. (7.6, 15.2 or 30.5 m)  
stainless steel option—25 ft. only



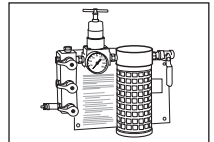
**W-3020 (Low Pressure)**  
Straight—25, 50 or 100 ft. (7.6, 15.2 or 30.5 m)

**3M™ Supplied Air Components (Optional)**

**Compressed Air Filter and Regulator Panels, 50 cfm**

**Filter and Regulator Panel W-2806**

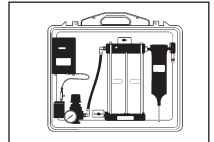
Filters and regulates air delivered to supplied air respirator. This is an economical system designed to be mounted to the wall. For more information, see Fax On Demand #4044. Does not produce Grade D breathing air.



**Note:** W-2808 CO Monitor Retrofit Kit also available.

**Portable Filter and Regulator Panel 256-02-00**

Four-stage filter process removes limited amounts of carbon monoxide and other contaminants without using large desiccant drying towers. This portable system comes in a durable carrying case. For more information, see Fax On Demand #4044. Does not produce Grade D breathing air.



**Note:** 256-02-01, 100 cfm panel also available.

**1** Also available with stainless steel fittings (when ordering, add SS to product number, e.g., V-100SS, W-9435SS)

**2** Shipped with Industrial Interchange fittings

# 3M™ Hoods H-Series

## 3M™ Replacement Parts

<b>H-110-10</b>	Faceshield Cover (10 pack)
<b>H-111-100</b>	Faceshield Cover (100 pack)
<b>H-213-2</b>	Cap Suspension (2 pack)
<b>H-114-2</b>	Chin Strap (2 pack)
<b>H-115</b>	Breathing Tube Assembly
<b>H-116-2</b>	Replacement Breathing Tube (2 pack)
<b>GVP-122</b>	Breathing Tube
<b>W-2871-5</b>	Crown Strap Assembly (5 pack)
<b>W-2878-2</b>	Head Suspension (2 pack)
<b>W-2879</b>	Ratchet Suspension (2 pack)
<b>W-3222-2</b>	Squeeze Clamp (2 pack)
<b>W-3258-5</b>	Hatshell (5 pack)
<b>W-3261</b>	Ratchet Kit
<b>W-3262-10</b>	Nape Pad (10 pack)
<b>W-5102-2</b>	Thumbscrew Clamp (2 pack)
<b>W-5114</b>	Breathing Tube (Supplied Air Only)
<b>L-115-10</b>	Sweat Pad

<b>H-400 Series</b>	<p><b>Hood Assemblies*</b></p> <p>H-411 Tychem® QC Hood Assembly with collar and cap suspension                  H-412 Tychem® QC Hood Assembly with collar and hardhat                  H-421 Tychem® QC Hood Assembly with inner shroud and cap suspension                  H-422 Tychem® QC Hood Assembly with inner shroud and hardhat</p> <p><b>Replacement Hoods</b></p> <p>H-410-10 Hood with collar (10 pack)                  H-420-10 Hood with inner shroud (10 pack)</p>
<b>H-600 Series</b>	<p><b>Hood Assemblies</b></p> <p>H-611 Tychem® SL Sealed-Seam Hood Assembly with inner collar and cap suspension                  H-612 Tychem® SL Sealed-Seam Hood Assembly with inner collar and hardhat</p> <p><b>Replacement Hoods</b></p> <p>H-610-5 Tychem® SL Sealed-Seam Hood with inner collar (5 pack)</p>
<b>H-900 Series</b>	<p><b>Replacement Hoods**</b></p> <p>H-910-5 Grinding Hood with collar                  H920-5 Grinding Hood with inner shroud</p>

\* Hood assemblies include two hoods, H-213-2 cap suspension or W-3258-5 hardhat/W-2878-2 suspension combination, H-114-2 chin strap, two H-110-10 faceshield covers and a W-3222-2 plastic squeeze clamp.

\*\* Grinding hood assemblies may be built with the following available parts: either H-910-5 or H-920-5 grinding hoods, W-3258-5 hatshell, W-2878-2 suspension, H-114-2 chin strap and a W-3222-2 plastic squeeze clamp (hardhat option only).

**For more information, please contact:**

**3M Occupational Health and Environmental Safety Division (OH&ESD)**

**In the U.S., contact:**

**Sales Assistance**  
 1-800-328-1667

**Technical Assistance**  
 1-800-243-4630

**Fax On Demand**  
 1-800-646-1655

**Internet**  
[www.3M.com/occsafety](http://www.3M.com/occsafety)

**For other 3M products**  
 1-800-3M HELPS

**In Canada, contact:**

3M Canada Company, OH&ESD  
 P.O. Box 5757  
 London, Ontario N6A 4T1

**Sales Assistance**  
 1-800-265-1840, ext. 6137

**Technical Assistance (Canada only)**  
 1-800-267-4414

**Fax On Demand**  
 1-800-646-1655

**Internet**  
[www.3M.com/CA/occsafety](http://www.3M.com/CA/occsafety)

**Technical Assistance In Mexico**  
 01-800-712-0646  
 5270-2255, 5270-2119 (Mexico City only)

**Technical Assistance In Brazil**  
 0800-132333

**Fax On Demand O.U.S. Locations**  
 1-651-732-6530



## WARNING

These respirators help reduce exposure to certain airborne contaminants. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons, or use not in accordance with the instructions, may adversely affect product performance and **result in sickness or death.**

Positive pressure respirators are to be used only by qualified persons properly trained in their use and maintenance, and only in accordance with their operating and maintenance manuals. Each person using these products must first read and understand the operator's manual. The 3M™ Hoods H-Series does not provide eye and face impact protection. See supervisor for assistance or call 3M Technical Service at 1-800-243-4630. In Canada, call 3M OH&ESD at 1-800-267-4414.

Tychem is a registered trademark of DuPont.

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