3M™ Versaflo™ Systems for Powered and Supplied Air Respirators

For a safer, more comfortable you.

3M.com/Versaflo
Inadequate respiratory protection is one of the
TOP 5 most frequently cited OSHA violations.*

Tackle workplace hazards with a respiratory protection solution workers will want to wear.

PAPR systems can offer respiratory protection with integrated head, eye and face protection that can help provide a more comfortable environment for the worker.

More reasons to consider a 3M™ Versaflo™ Belt-Mounted PAPR System
In addition to providing respiratory protection, PAPR systems can help bring premium safety, comfort and convenience to the job.

Are your workers looking for a respirator designed to help make breathing easier?*

PAPR components are designed to work securely together, combining head, eye,** face and respiratory protection.

PAPRs deliver filtered air all day long.

PAPR systems put convenience front and center. Workers with limited facial hair may be accommodated with certain headtops.

With the ANSI standard in mind, 3M designed certain headtops with integrated face shields to help reduce the risk of exposure to eye injuries.**


**Headtops should be considered secondary eyewear protection and used in conjunction with eye protection.

†3M™ Versaflo™ Belt-Mounted PAPR systems offer a filtered supply of air.
Build your system how you see fit.
Take three steps to move toward safety.

Headtop
How high are airborne concentrations in your environment? What's the potential for eye injuries? Different jobs call for different kinds of headtops to protect workers from hazardous environments. From hoods to helmets, choosing the right headtop requires putting on your own thinking cap.

Breathing Tube
Choose from a range of breathing tubes varying in length.

Blower
The blower unit delivers filtered air to the system while also housing the battery, filter and filter cover. Review factors such as work environment and shift duration, then choose from the appropriate blower unit configuration that is right for your hazards.

3M products shown here:
- M-206 3M™ Versaflo™ Respiratory Faceshield
- TR-613N Assembly
  - TR-602N Motor/Blower
  - TR-626 High Durability Belt
  - TR-630 Standard Battery
  - BT-30 Length Adjusting Breathing Tube
- M-985 Earmuff Assembly for M-Series
- TR-6300FC Filter Cover
- TR-6350N-5 Formaldehyde/HE Cartridge
- 11818-00000-20 Virtua AP Protective Eyewear
- 4535 Disposable Protective Coverall
Your job is harsh, hot and dirty, and you’re comfortable with that.

3M™ Versaflo™ Light and Heavy Industry Kits bring long-lasting comfort and protection to your shifts. Ready to go right out of the box, these kits are a convenient solution to take on a variety of industrial tasks.

Why choose a TR-300 Light Industry kit: 

- **Stay productive**
  With our PPE equipment designed for compatibility, you can easily accommodate eyeglasses and attach earmuffs.

- **Beat harsh environments**
  Rugged work demands durable and strong head protection.

- **See clearer**
  Durable faceshield protects against flying objects and sparks while retaining optical clarity.

- **Breathe easier**
  When working in hot, humid conditions, stay comfortable with powered air.

- **Work longer**
  An extended battery life option lets you work in a remote location for longer periods of time.

**TR-300-LIK Complete Light Industry PAPR Kit**

The kit includes:
- M-206 Respiratory Faceshield Assembly with M-985 Earmuff
- BT-30 Length Adjusting Breathing Tube
- TR-302N PAPR Unit
- TR-326 High Durability Belt
- TR-332 High Capacity Battery
- TR-362 Spark Arrestor/Prefilter
- TR-341N Battery Charger
- TR-3712N HE Filter
- TR-3600 Prefilter
- TR-970 Airflow Indicator

**TR-300-HIK Heavy Industry PAPR Kit**

The kit includes:
- M-307 Respiratory Hard Hat Assembly
- TR-302N PAPR Unit
- TR-326 High Durability Belt
- TR-341N Battery Charger
- TR-3712N Filter
- TR-362 Spark Arrestor/Prefilter
- TR-332 High Capacity Battery
- BT-40 Heavy Duty Breathing Tube
- TR-970 Airflow Indicator

**3M offers a wide range of headtops. See page 14 for more info.**

**SA-100-PSK Painter’s Supplied Air Respirator Kit**

For painters using supplied air, this is a great choice to stay cool and keep working.

The kit includes:
- V-100 Vortex Cooling Assembly
- BT-20L Breathing Tube
- BT-922 Breathing Tube Cover
- M-206 Respiratory Faceshield Assembly

A supplied air hose (sold separately) is required to complete the NIOSH-approved system. Contact 3M Technical Service for information on air source options and air quality requirements.
GVP-PSK2
Painter’s Belt-Mounted PAPR Kit
Whether they’re covering surfaces small or large, painters require maximum mobility and flexibility.

The kit includes:
- GVP-CB PAPR Assembly (includes GVP-100 PAPR Unit, GVP-112 Battery Charger, CB-1000 Comfort Belt, GVP-113 Flow Meter, GVP-110 Power Cord and GVP-115 Blower Plugs)
- GVP-441 OV/HE Filter
- GVP-119 Shower Cover
- BT-20L Breathing Tube
- BT-922 Breathing Tube Cover
- M-206 Respiratory Faceshield Assembly
- One sample Peel-Off Visor Cover M-926

Why choose a TR-600 Heavy Industry kit:

Cover your bases
Utilize cartridges to help protect against certain gas and vapors, combined with filters for protection against particulates.

Fewer worries
Rugged, durable faceshield with premium visor helps protect against sparks and debris.

Feel heightened comfort
Heavy-duty belt designed with airflow channels, multiple size adjustments and belt extender options.

Work with ease
Intuitive, colored touchpoints plus visual, vibratory and audible low-flow indicators help make the TR-600 easy to use.

Keep the air flowing
- Multi-speed blower functions up to 16,000 feet.**
- High capacity battery offers long run time, less charge time and, ultimately, reduced down time.

TR-600-HIK
Heavy Industry PAPR Kit
The kit includes:
- M-307 Respiratory Hard Hat Assembly with Premium Visor and Faceseal
- TR-602N PAPR Unit
- TR-632 High Capacity Battery
- BT-30 Length Adjusting Breathing Tube
- TR-626 High Durability Belt
- TR-6530N OV/AG/HE Cartridge
- TR-6500 Filter Cover
- TR-641N Single Station Battery Charger Kit
- TR-971 Airflow Indicator
- BT-926 High Temperature Breathing Tube Cover
- TR-6600 Prefilter (x2)
- TR-662 Spark Arrestor (x2)

3M offers a wide range of headtops. See page 14 for more info.
For work this particular and precise, we really clean up.

In environments such as pharmaceutical, chemical, electronics, food and beverage, and healthcare applications, it’s key to protect workers. With the 3M™ Versaflo™ Easy Clean Kit, workers at risk of being exposed to hazardous particulates in the air have less to worry about when cleaning up.

Why choose a TR-300 Easy Clean and Light Industry kit:

- **Conveniently disposable**
  Save time cleaning with our maintenance-free disposable hood.

- **Wider field of vision**
  Freedom to wear your own safety eyewear.

- **TR-300-ECK**
  The kit includes:
  - S-655 Hood Assembly
  - BT-30 Length Adjusting Breathing Tube
  - TR-302N PAPR Unit
  - TR-327 Easy Clean Belt
  - TR-332 High Capacity Battery
  - TR-341N Battery Charger Kit
  - TR-3712N HE Filter
  - TR-3600 Prefilter
  - TR-970 Airflow Indicator

- **Connect quickly**
  Our innovative Quick Release Swivel (QRS) connects quickly and helps avoid kinks in the breathing tube.

- **Contoured design**
  Slim device with smooth outer surfaces can help work in tight spaces.

M-Series headtop selections are available on page 14.
Why choose a TR-600 Easy Clean kit:  

**See the bigger picture**
Maintenance-free disposable hood saves you time cleaning while providing a wide field of view.

**More options for more tasks**
Choose from particulate filters or gas and vapor combination cartridges for protection in a variety of environments.

**Work at your own speed**
Multiple airflow rates put you in control of your comfort.

**There’s work to be done**
Standard battery lasts up to 12 hours, delivering more run time, less charging time and reduced downtime.

**TR-600-ECK**
The kit includes:
- S-433L Hood with Integrated Head Suspension
- BT-30 Length Adjusting Breathing Tube
- TR-6710N (HE) Filter
- TR-641N Single Station Battery Charger
- BT-922 Breathing Tube Cover
- TR-602N PAPR Unit
- TR-630 Standard Battery
- TR-627 Easy Clean Belt
- TR-6700 Filter Cover
- TR-6600 Prefilter (X2)
- TR-662 Spark Arrestor (X2)
- TR-971 Airflow Indicator

See page 13 for more details.

**Make clean happen**
The TR-653 cleaning and storage kit provides inlet and outlet plugs to seal the components during cleaning and storage. The TR-600 blower and batteries are fully submersible when used with the TR-653 cleaning and storage kit.

S-Series headtops selection available on page 15.
Helping you take on your workplace hazards.

For the healthcare and hospital professional, unseen hazards may be in the air. The all-in-one 3M™ Versaflo™ Healthcare Kit is designed to help protect the healthcare worker from airborne particulates – without compromising comfort or flexibility. Versaflo Healthcare Kits are easy to clean, easy to maintain and easy to work with.

Why choose a TR-300 healthcare kit:

- **Easy access to ears**
  Stethoscope use is easier with the unique shape of our S-Series headcovers.

- **Expand your view**
  See more with a wider field of vision, thanks to enhanced visor design.

- **Conveniently disposable**
  Save time cleaning with our maintenance-free disposable headcover.

- **Better patient contact**
  Patients can see their provider’s entire face.

**TR-300-HKL**

The 3M™ Versaflo™ TR-300-HKL is a complete, ready-to-use HE PAPR system with a medium-to-large headcover.

- S-133L Headcover
- BT-30 Length Adjusting Breathing Tube with BT-922 Breathing Tube Cover
- TR-991 Carrying Bag
- TR-302N PAPR Unit
- TR-327 Easy Clean Belt
- TR-332 High Capacity Battery
- TR-341N Battery Charger Kit
- TR-3712N HE Filter
- TR-3600 Prefilter
- TR-970 Airflow Indicator

**TR-300-HKS**

Like the HKL, the 3M™ Versaflo™ TR-300-HKS is a complete, ready-to-use HE PAPR system with a small-to-medium headcover.

- S-133S Headcover
- BT-30 Length Adjusting Breathing Tube with BT-922 Breathing Tube Cover
- TR-991 Carrying Bag
- TR-302N PAPR Unit
- TR-327 Easy Clean Belt
- TR-332 High Capacity Battery
- TR-341N Battery Charger Kit
- TR-3712N HE Filter
- TR-3600 Prefilter
- TR-970 Airflow Indicator
Each kit includes:
- S-133 Soft Headtop
- TR-971 Airflow Indicator
- TR-6710N Filter
- TR-641N Single Station Battery Charger
- TR-653 Cleaning and Storage Kit
- TR-991 Carrying Bag
- TR-602N PAPR Unit
- TR-630 Standard Battery
- BT-30 Length Adjusting Breathing Tube
- TR-627 Easy Clean Belt
- TR-6700FC Filter Cover

S-Series head gear selection available on page 15.

Why choose a TR-600 healthcare kit:

Get more out of your workday
Longer run time, reduced downtime with a high capacity battery and charge-level indicators to keep you prepared and informed.

TR-600-HKL
(For medium/large headcovers)

TR-600-HKS
(For small/medium headcovers)

Each kit includes:
- S-133 Soft Headtop
- TR-971 Airflow Indicator
- TR-6710N Filter
- TR-641N Single Station Battery Charger
- TR-653 Cleaning and Storage Kit
- TR-991 Carrying Bag
- TR-602N PAPR Unit
- TR-630 Standard Battery
- BT-30 Length Adjusting Breathing Tube
- TR-627 Easy Clean Belt
- TR-6700FC Filter Cover

Choose your own headtop!

TR-614-HK
Each kit includes:
- TR-602N PAPR Unit
- TR-630 Standard Battery
- TR-6710N Filter
- TR-6700FC Filter Cover
- BT-30 Length Adjusting Breathing Tube

TR-641N Single Station Battery Charger
TR-627 Easy Clean Belt
TR-971 Airflow Indicator
TR-653 Cleaning and Storage Kit
TR-991 Carrying Bag
Customize your protection without compromise.

Assemblies offer a more customized experience that puts you in control of the respiratory protection you need. **Headtops and breathing tubes sold separately.**

**Easy Clean TR-300 Assemblies:**

**TR-304N PAPR**

PAPR assembly includes:
- Blower Unit (TR-301N)
- Flow Indicator (TR-970)
- Filter Cover (TR-371)
- HE Filter (TR-3712N)
- Easy Clean Belt (TR-327)
- Economy Battery (TR-330)
- Prefilter (TR-3600)

Charger sold separately.

**TR-307N PAPR**

PAPR assembly includes:
- Blower Unit (TR-301N)
- Air Flow Indicator (TR-970)
- Filter Cover (TR-371)
- HE Filter (TR-3712N)
- Easy Clean Belt (TR-327)
- High Capacity Battery (TR-332)
- Prefilter (TR-3600)
- Single Unit Charger Kit (TR-341N)

**Industrial TR-300 Assemblies:**

**TR-306N PAPR**

PAPR assembly includes:
- Blower Unit (TR-301N)
- Air Flow Indicator (TR-970)
- Filter Cover (TR-371)
- HE Filter (TR-3712N)
- High Durability Leather Belt (TR-326)
- High Capacity Battery (TR-332)
- Prefilter (TR-3600)
- Spark Arrester/Prefilter (TR-362)
- Single Unit Charger Kit (TR-341N)

**TR-305N PAPR**

PAPR assembly includes:
- Blower Unit (TR-301N)
- Flow Indicator (TR-970)
- Filter Cover (TR-371)
- HE Filter (TR-3712N)
- Standard Web Belt (TR-325)
- Economy Battery (TR-330)
- Prefilter (TR-3600)
- Single Unit Charger Kit (TR-341N)
The assembly option allows you to customize a system that’s just right for your needs.

Choose your assembly to build a complete respiratory protection system of your own creation. **Headtops, filter, filter cover and battery charger sold separately.**

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### Easy Clean TR-600 Assemblies:

**TR-614N**

*3M™ Versaflo™ Powered Air Purifying Respiratory TR-614N Assembly includes:*
- TR-602N Motor/Blower
- BT-30 Length Adjusting Breathing Tube
- TR-630 Standard Battery
- TR-627 Easy Clean Belt
- TR-971 Air Flow Indicator

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**TR-617N**

*3M™ Versaflo™ Powered Air Purifying Respiratory TR-617N Assembly includes:*
- TR-602N Motor/Blower
- BT-30 Length Adjusting Breathing Tube
- TR-632 High Capacity Battery
- TR-627 Easy Clean Belt
- TR-971 Air Flow Indicator

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### Heavy Industry TR-600 Assemblies:

**TR-613N**

*3M™ Versaflo™ Powered Air Purifying Respiratory TR-613N Assembly includes:*
- TR-602N Motor/Blower
- BT-30 Length Adjusting Breathing Tube
- TR-630 Standard Battery
- TR-626 High Durability Belt
- TR-971 Air Flow Indicator

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**TR-616N**

*3M™ Versaflo™ Powered Air Purifying Respiratory TR-616N Assembly includes:*
- TR-602N Motor/Blower
- BT-30 Length Adjusting Breathing Tube
- TR-632 High Capacity Battery
- TR-626 High Durability Belt
- TR-971 Air Flow Indicator
When the job is tough, go with the flow.

The blower unit delivers filtered air to the system while also housing the battery, filter and filter cover. Review other factors such as work environment and shift duration, then choose from the appropriate blower unit configuration that is right for your hazards.

More options for more tasks
Choose from particulate filters or gas and vapor combination cartridges for protection in a variety of environments.

Stay aware
Visual, audible, and vibratory alarms for low battery and low flow.

You’re in control
Three-speed, flow controlled.

Easy clean
Fully submersible* design, suitable for use in decontamination showers, making it easy to clean and decontaminate.

Slim profile
Smooth outer surfaces assist work in tight spaces and help to reduce snagging on nearby objects.

2 battery options
Approximately 7 to 19 hours, depending on setup and air speed.

TR-630 Standard Battery
A lightweight, standard capacity lithium ion battery pack for TR-600 series PAPRs.
- Submersible w/kit for easy cleaning
- Easy determination of charge level
- Run time (7 to 12 hours) with particulate filters or cartridges
- Fast charging speeds up availability
- Compact and lightweight

TR-632 High Capacity Battery
A high capacity lithium ion battery pack for TR-600 series PAPRs.
- Submersible w/kit for easy cleaning
- Easy determination of charge level
- Long run time (10 to 19 hours) for particulate filters or cartridges
- Fast charging speeds up availability

TR-630 and TR-632 are submersible!*
Lithium ion battery pack can be submersed for easy cleaning.

TR-653 Cleaning and Storage Kit
With plugs that allow the TR-600 motor/blower and battery to be submerged underwater, this kit makes cleaning quick and easy. During storage, the plugs may also keep the motor/blower’s internal components clean.
Each kit contains:
- 1 inlet plug and 2 seals
- 1 outlet plug and 2 seals
- 1 battery connector cover

*Requires purchase of TR-653 Cleaning and Storage Kit.
Know your exposure. Make your choice.

Filters and cartridge elements are suitable for different tasks. Filters help protect against particles such as dust, while cartridges work to protect against certain gases and vapors. Making the right cartridge choice depends upon understanding the hazards in the work environment.

<table>
<thead>
<tr>
<th>TR-600 Filters/Cartridges</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR-6320N - Magenta/White</td>
<td>3M™ Versaflo™ Acid Gas/HE Cartridge</td>
</tr>
<tr>
<td>TR-6350N - Magenta/Olive</td>
<td>3M™ Versaflo™ Formaldehyde/HE Cartridge</td>
</tr>
<tr>
<td>TR-6360N - Magenta/Green</td>
<td>3M™ Versaflo™ Ammonia/Methylamine/HE Cartridge</td>
</tr>
<tr>
<td>TR-6510N - Magenta/Black</td>
<td>3M™ Versaflo™ Organic Vapor/HE Cartridge</td>
</tr>
<tr>
<td>TR-6530N - Magenta/Yellow</td>
<td>3M™ Versaflo™ Organic Vapor/Acid Gas/HE Cartridge</td>
</tr>
<tr>
<td>TR-6710N - Magenta</td>
<td>3M™ Versaflo™ High Efficiency Filter</td>
</tr>
<tr>
<td>TR-6820N - Magenta/Green</td>
<td>3M™ Versaflo™ HE/HF/Nuisance OV Filter</td>
</tr>
</tbody>
</table>

Particulate Only (TR-300 filters and batteries)

<table>
<thead>
<tr>
<th>TR-3712N Versaflo™ (HE) Particulate Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TR-3712N-5 3M™ Versaflo™ (HE) particulate filter - Case of 5</td>
</tr>
<tr>
<td>• TR-3712N-40 3M™ Versaflo™ (HE) particulate filter - Case of 40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TR-330 Economy Battery</th>
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</thead>
<tbody>
<tr>
<td>Don’t get weighed down. A lightweight lithium ion battery pack designed for the 3M™ Versaflo™ TR-300 PAPR.</td>
</tr>
<tr>
<td>• Easy determination of charge level</td>
</tr>
<tr>
<td>• Fast charging speeds up availability</td>
</tr>
<tr>
<td>• Compact and lightweight</td>
</tr>
<tr>
<td>• Run time (4 to 6 hours)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TR-332 High Capacity Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Find your endurance. A high-capacity lithium ion battery pack built for the 3M™ Versaflo™ TR-300 PAPR.</td>
</tr>
<tr>
<td>• Easy determination of charge level</td>
</tr>
<tr>
<td>• Fast charging speeds up availability</td>
</tr>
<tr>
<td>• Compact and lightweight</td>
</tr>
<tr>
<td>• Long run time (8 to 12 hours)</td>
</tr>
</tbody>
</table>
Easily adjusted
Featuring an articulating ratchet suspension, M-Series products can be easily adjusted for the comfort of the individual user. The ratchet mechanism allows for tightening control.

Easy maintenance
Easily removable parts allow simple cleaning, maintenance and replacement.

Utility and versatility
3M™ Versaflo™ M-Series headgear can be customized for use across many different applications and industries. Build your own system: Add faceseals, covers and shrouds in a variety of fabrics and accessories, such as earmuffs, peel-offs and a chin strap.

**M-200 Series**
- Recommended for most powder handling, paint spraying, grinding, buffing and general maintenance applications where head impact protection is not required
- Lightweight for maximum comfort
- Available with a variety of faceseal fabrics
- Helps provide respiratory (OSHA APF 25) protection, plus limited eye (ANSI Z87.1-2010) protection
- Also available: M-100 models with removable headtop inserts

**M-300 Series**
- Recommended for most powder handling, paint spraying and general maintenance applications where hard hat protection is required or desired
- Helps provide respiratory (OSHA APF 25) protection, plus limited head (ANSI Z89.1-2009 Type 1 Class G) and eye (ANSI Z87.1-2010) protection
- Available with a variety of faceseal fabrics

**M-400 Series**
- Recommended for most powder handling, paint spraying and general maintenance when hard hat protection is required or desired
- Helps provide respiratory (OSHA APF 1,000)** protection, plus limited head (ANSI Z89.1-2009 Type 1 Class G) and eye (ANSI Z87.1-2010) protection
- Variety of shroud materials available

**3M™** supports an assigned protection factor of 1000 for the M-400 Series Helmet when used with all approved air sources. These APFs are consistent with OSHA’s APFs defined in 29 CFR 1910.134. Contact 3M Technical Service for supporting data. In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your area.

For list of headgear, please reference product list in back.
Hard work. Soft headcovers.

An expansion of comfort
Designed to fit a wide variety of head sizes, the S-Series suspensions comfortably fit more wearers than previous models did.

Expand your view
S-Series visors have an excellent field of view.

Configure as you wish
For the work you do, versatility is key – and S-Series hoods can be used in dozens of different powered air purifying respirator and supplied air respirator combinations.

Full-shift comfort
Excellent airflow distribution helps improve comfort – perfect for long periods of work.

The choice is yours
For applications where assembly is too time-consuming or impractical, choose our ready-to-use integrated suspension models. For quick, cost-effective replacement of outer fabrics, select our premium reusable suspension hoods.

Work with confidence
Feel safe knowing that the high-performing S-Series hoods have an Assigned Protection Factor (APF) of 1000 when used as part of a NIOSH-approved powered or supplied air respiratory system.

S-Series Hoods and Headcovers

- Suitable for applications where frequent replacement of the head gear assembly is required, such as pharmaceutical manufacturing, healthcare and paint spray
- Integrated suspension
- Available in two sizes to fit more wearers: S/M and M/L
- Premium reusable suspension hoods can be a cost-effective choice for some high disposal rate environments – just the soiled hood fabric is replaced, while the suspension and air ducting can be reused
- The inner shroud is tucked into a shirt or protective coverall, allowing the excess air to be channeled over the body
- The S-855 and S-857 are made with Kappler® Zytron® 200, a polypropylene fabric with a multi-layer barrier film. Features sealed seams, making it suitable for environments where certain liquid splash hazards may be present

For list of headgear, please reference product list in back.
Weld with confidence.

To see full-line of Speedglas products, download catalog or go to: 3m.com/weldingsafety

For headtops on this page: Auto-darkening filters sold separately.

► 3M™ Speedglas™ Welding Helmet
9100 MP 27-0099-35SW

Head, eye, face, hearing and respiratory – we’ve seamlessly integrated welder protection into one comfortable and easy-to-use system. It’s an ideal combination designed to ignite your confidence and productivity all shift long. APF 25.

Compatible, versatile protection
Works with 3M Speedglas Welding Filter Series 9100, including the top-of-the-line 9100 XXi ADF Filter.

Expand your view
Two-shade 5 passive side windows add peripheral welding vision.

See more when welding
Large (approx. 8” x 4.25”) curved protective visor has excellent views up, down and peripherally.

Can take the heat
Spark- and spatter-retardant head cover.

Comfortable all shift long
High-comfort Speedglas headband 9100.

Control your visibility
Superior optical performance with flip-up view.

A complete system for unsurpassed comfort.

When using with a BT-Series Breathing Tube and TR-300 or TR-600, the L-170 adapter is required. If using with the TR-300 or TR-600, L170 adapter required.

► 3M™ L-Series Headgear*

Welders and grinders know how challenging it can be to stay comfortable and productive working in exhausting, contaminated environments. L-Series headgear provides rigid head protection and the comfort of continuous airflow.

L-Series Headgear
APF 25 (L-705SG) or APF 1,000‡ (L-901SG/L-905SG)
Respiratory Protection, Head Protection, Eye/Face Protection

► L-705SG Hard Hat† with Speedglas™ Welding Shield and Wideview Faceshield

► L-905SG Helmet† with Speedglas™ Welding Shield, Wideview Faceshield and Shroud

► L-901SG Helmet† with Wideview Faceshield and Shroud

Expand your sight
Allows for excellent peripheral and downward vision.

Breathe easier
Positive pressure airflow gives no breathing resistance.

Feel covered
Attached shroud provides complete coverage for head and neck area.

16
Hard hat inside a soft hood.

**H-Series Hoods**

The H-Series hoods are an integrated solution, combining the protection of a hard hat and hood to meet your specific needs.

Order a complete hood:

- **H-412** Hood w/Inner Collar and Hard Hat
- **H-422** Hood w/Inner Shroud and Hard Hat
- **H-612** Sealed Seam Hood w/Inner Collar and Hard Hat

When using with a BT-Series Breathing Tube and TR-300 or TR-600, the H-120 adapter is required.

If using with the V-Series Supplied Air Valves, Breathing Tube GVP-122 is required.

**More for U to see**

U-shaped faceshield delivers excellent peripheral and downward vision

**Choose your comfort level**

Choice of collar or inner shroud design, which can be tucked into protective garments to help provide additional comfort.

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**Choose the appropriate breathing tube.**

Breathing tubes connect the air source to the headtop, enabling clean, unrestricted air flows reliably to the user. 3M Versaflo BT-Series Breathing Tubes are compatible with M-Series faceshields, hard hats and helmets and S-Series hoods and headcovers. With a Quick Release Swivel (QRS) for fast, easy connection and a flame-resistant sleeve for extended durability, each tube is a model of innovation, flexibility and convenience.

**3M™ Versaflo™ BT-Series Breathing Tubes**

- **BT-20S/37309** S/M (Approx. 28”)
- **BT-20L/37310** M/L (Approx. 38”)
- **Adapter V-199/37069**
- **BT-30 Length Adjusting**
- **BT-40 Heavy Duty**

**3M™ Versaflo™ V-Series Supplied Air Valves**

V-199 Adapter sold separately for use with BT Series Breathing Tubes

- **V-100/37018** Vortex Cooling Assembly
- **V-200** Vortemp™ Heating Assembly
- **V-300/37019** Valve Assembly
- **V-400/37020** Low-Pressure Assembly

Watch Now

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25 ft. W-9435-25/07010
50 ft. W-9435-50/07011
100 ft. W-9435-100/07012
25 ft. W-9445-25
50 ft. W-9445-50
100 ft. W-9445-100
3/8” High-Pressure Hose

25 ft. W-2929-25
50 ft. W-2929-50
100 ft. W-2929-100
3/8” High-Pressure Hose

25 ft. W-2929-25SR
50 ft. W-2929-50SR
100 ft. W-2929-100SR
3/8” High-Pressure Hose SR

25 ft. W-3020-25/07033
50 ft. W-3020-50/07034
100 ft. W-3020-100/07035
1/2” Low-Pressure Hose

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Headgear

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<td>M-401</td>
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3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on selected products.
### 3M™ Versaflo™ Components

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For more information

**In U.S.**

Technical Service 1-800-243-4630
Customer Care Center 1-800-328-1667
Internet 3M.com/Workersafety

**In Canada**

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Customer Care 1-800-364-3577
Internet 3M.ca/safety

3M™ Versaflo™ Components

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For more information

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Customer Care 1-800-364-3577
Internet 3M.ca/safety

This 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 requires must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For correct use, consult supervisor and User Instructions, 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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St. Paul, MN 55144-1000
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