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Science.
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3M
3M™ Versaflo™ PAPR Systems
Enhanced comfort.
Versatile protection.
3M.ca/PoweredAir

Welcome to your comfort zone.

It's important to keep your employees safe on the job even in hazardous conditions. That means providing them with protection that's ergonomic and convenient—a Powered Air-Purifying Respirator (PAPR) system.

- Fully integrated safety, with options for respiratory, head, eye, hearing, skin protection and more
- Designed to work in concert for maximum comfort
- Loose-fitting headgear can eliminate fit-testing and accommodate limited facial hair, saving you and your workers hassle

3M™ Versaflo™ PAPR Systems: Designed for comfort. Powered by innovation.

Comfort

Uncomfortable environments are part of the job. But with Versaflo PAPR systems, your workers may experience added comfort wearing their PPE, which may help to reduce workplace injuries and improve compliance.

Ease

Easy to buy, easy to use and easy to maintain, Versaflo PAPR systems make for an easy choice.

Versatility

From heavy industrial applications to highly precise healthcare uses and everywhere in between, Versaflo PAPR systems offer an integrated system you can easily customize.

PAPR Systems 101

PAPR systems don't have to be complicated. They're composed of 3 core parts and then easily accessorized so you can optimize for your environment.

1. Headtop and Breathing Tube

From the durable hardtops of the M-Series, the versatile S-Series hoods and headcovers, or the convenience of your existing tight-fitting 3M facepieces, Versaflo PAPR systems offer a wide range of compatible headtop options.

2. Blower

Providing filtered air to your workers is the next step. To make your choice, consider whether you need protection from particulates or gases/vapours, and whether you need intrinsic safety, submersible cleaning, or vibratory alarms.

3. Filter/Cartridge

Another important part of your safety toolkit, filters help protect workers from particulates, while combination cartridges offer protection from particulates and certain gases and vapours.

4. Accessories

Your job is unique. From the added functionality of weld shields, radiant heat kits or ear muffs, to the improved durability of peel-offs, cleaning kits and so much more, you have the accessories you need to customize and maximize ease of use.

Explore the benefits of integrated comfort and safety.

Versaflo PAPR systems don't just offer respiratory protection. They can also feature integrated head, eye, face, hearing and skin protection for your employees, without sacrificing the comfort that helps encourage compliance throughout long shifts.

Comfort and versatility delivered.

Long shifts demand long-lasting comfort. With the Versaflo PAPR System, workers can enjoy the same refreshing airflow regardless of filter loading.

Constant airflow.

The blower automatically adjusts airflow to compensate for filter loading to deliver the same refreshing airflow throughout an entire shift.

Selectable airflow.

Workers can control their experience by selecting from various airflow speeds as well as how air is delivered in certain headtops.

Ergonomic design.

With a lightweight slim design, workers can be more comfortable working in tight workspaces to get the job done.

Versatile from job to job.

As your workers move between environments, they can accessorize the system they're already used to, and take on the specific challenges they face.

Make a complete choice.

Not all protective equipment is built the same. If your safety glasses, helmet, respirator, ear protection—any component, really—aren't built and selected to work together, you may not be maximizing your comfort and compatibility. But the Versaflo system is fully integrated, so you get the convenience of PPE designed to work together.

- Certain headtops can accommodate ear muffs for added hearing protection
- Different fabrics and shrouds can be chosen for certain headtops to help provide splash or spark protection for your head, neck and shoulders
- Faceshields provide eye and face protection, and hardhats additionally provide head protection

Small changes can help enable big returns.

Versaflo PAPR systems with loose-fitting headgear eliminate fit-testing and accommodate certain limited facial hair, to help keep your employees happy and on the job.

Forget fit-testing.

Loose-fitting facepieces, hoods and helmets eliminate the need to take up time fit-testing.

Hair? Don't care.

Workers with limited facial hair can be accommodated with certain headtops.

Protect specs.

Employees with prescription safety eyewear can keep their glasses on under loose-fitting headtops.

The difference is easy to see.

Your job is complicated enough. Versaflo PAPR systems are designed to be easy to use and easy to maintain.

User-friendly interface.

Monitor the status of your filter, the charge of your battery and the rate of airflow at a glance.

Intuitive interactivity.

Colour-indicated touch points on and in the helmet, on breathing tubes and on the blower allow for easy identification.

Fully submersible cleaning.

For environments requiring decontamination or heavy cleaning, the cleaning and storage kit allows the TR-600 and TR-800 battery and blower to be fully submerged and easily cleaned.

Advanced alerts.

Audio and visual alarms alert you to filter load and low battery. Vibratory alarms on the TR-600 offer added alerts that may be useful in loud environments or if your employee is unable to hear an alarm.

Versatility. A Versaflo promise.

With an extensive portfolio of approved accessories, a Versaflo PAPR system can help you standardize on a respiratory platform across numerous hazardous environments. Whether you're in a rugged welding environment, a paint spray booth that requires intrinsic safety, a biohazardous room that demands lightweight, decontaminable components, or even if you simply have a visitor whose time you don't want to take up with fit testing, Versaflo can accessorize to your needs.

Easy to use. Easy to buy.

We want every step of the process to be simple for you. So we give you 3 ways to purchase and implement Versaflo PAPR systems for your workers.

Just getting started? Choose a full kit.

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

Easy-Clean

Get all the benefits of a PAPR system that is easy to clean and maintain.

- TR-300N+ ECK
- TR-600-ECK
- TR-800-ECK

Heavy Industry

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

- TR-300N+ HIK
- TR-600-HIK
- TR-800-HIK

Painter's Kit

Take advantage of greater mobility in paint booths with the new 3M standard in intrinsically safe protection: The TR-800 Paint Spray Kit.

- TR-800-PSK

Healthcare

A wider field of view allows you to see more of your work as your patients see more of your face, while also accommodating stethoscope use.

- TR-300N+ HKL
- TR-600-HKL
- TR-300N+ HKS
- TR-600-HKS

Looking for a full kit but need a different headtop? Start with an assembly.

An assembly bundles together blowers, batteries, belts and other common components, but allows you to choose the headtop and accessories right for your job.

Easy Clean Assemblies	High Durability Assemblies
TR-307N+, TR-611N*, TR-614, TR-814, TR-614-HK	TR-306N+, TR-612N*, TR-613, TR-813

Want to customize it all? Keep reading to see how to assemble your Versaflo PAPR system piece by piece.

*Included breathing tube for use with certain tight-fitting face.

Choose your respiratory protection.

With 40 years of safety leadership and a proven record of innovation, you can count on 3M filters and cartridges to give you the versatility you need to help handle a wide range of hazardous environments. And as your partner, if you need help making a selection, we can walk you through the process.

Blowers

Provide filtered air with a variety of convenient features like intrinsic safety or vibratory alarms.

TR-300+

TR-600

TR-800

Filters/Cartridges

Filters help protect against particles such as dust. Combination cartridges offer protection from particulates and certain gases and vapours.

TR-6710N Filter

TR-6320N Cartridge

	TR-300+	TR-600	TR-800
HEPA	✓	✓	✓
Gas and Vapour		✓	✓
Submersible*		✓	✓
Intrinsically safe			✓

Filters**/Cartridges	Description
TR-3712N	Particulate
TR-6320N	Acid Gas/Particulate
TR-6350N	Formaldehyde/Particulate
TR-6360N	Ammonia/Methylamine/Particulate
TR-6510N	Organic Vapour/Particulate
TR-6530N	Organic Vapour/Acid Gas/Particulate
TR-6590N	Multi-gas/Particulate
TR-6710N	Particulate
TR-6820N	Particulate/HF/Nuisance OV

*With use of TR-655 cleaning and storage kit.

**TR-300+ PAPR only uses the TR-3712 Filters. Please refer to NIOSH approval label for approved NIOSH configurations.

Choose your headtop.

Versaflo PAPR systems offer a variety of headtop options that fit particular jobs and hazards, while helping maintain comfort and visibility.

M-Series

For heavy industrial tasks that demand certain added protection.

- Range of options from lightweight faceshields to ANSI impact-rated helmets
- Work confidently with assigned protection factors (APF) up to 1,000*
- Easily customizable with 3M™ Speedglas™ Weld Shields, radiant heat kits, hearing protection and more

S-Series

For work in pharmaceutical, chemical, healthcare, painting applications and more.

- Range of fabrics designed for a variety of contaminant and splash hazards.
- Work confidently with assigned protection factors (APF) up to 1,000.*
- Explore options for integrated or reusable suspensions.

Seamlessly integrate with half or full face respirator.

Already using a compatible tight-fitting full facepiece respirator? Connecting to a Versaflo PAPR system is a breeze.

*Consult 3M Technical Data Bulletin #175 and the product user instructions for additional information on the Assigned Protection Factor (APF) of 1,000.

Choose to customize.

Once you've built your system, you can make it your own with versatile accessories that can help adapt to your particular environment.

- **Enhanced usability.**
  Extend to new environments and processes with radiant heat kit, weld shields and more.

- **Alternate mounting options.**
  Explore belts, backpacks and extenders that add further versatility.

- **Extended performance and durability.**
  High-capacity batteries, prefilters, flame- and chemical-resistant fabrics, heavy duty breathing tubes and more work harder for you.

- **Improved ease.**
  Charger stations, storage bags and cleaning plugs offer even more convenience.

- **Replacement parts.**
  Modular system allows you to easily replace individual parts.

Try 3M Versaflo Powered Air Respirators for yourself.

For more information visit **3M.ca/PoweredAir**.

3M PSD products are for occupational use only.

⚠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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