

3M Science.
Applied to Life.™

3M

3M™ Versaflo™ Powered Air Respirator Systems

**Enhanced comfort.
Versatile protection.**

Welcome to your comfort zone.

It's important to keep your employees safe whilst working in hazardous conditions. That means providing them with protection that's ergonomic and convenient—a Powered Air Respirator System.

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

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



Comfort

Uncomfortable environments are part of the job. But with Powered Air Respirator Systems, your workers may experience added comfort wearing their Personal Protective Equipment (PPE), which may help to reduce workplace injuries and improve compliance.



Ease

Easy to buy, easy to use and easy to maintain, Versaflo™ Powered Air Respirator Systems make for an easy choice.



Versatility

From heavy industrial applications to highly precise healthcare uses and everywhere in between, Versaflo™ Powered Air Respirator Systems offer an integrated system you can easily customise.

1

Powered Air Respirator Systems.

Powered Air Respirator Systems don't have to be complicated. They're composed of 3 core parts and then easily accessorised so you can optimise for your environment.

4

1. Headtop and Breathing Tube

From the durable helmets of the M-Series, the versatile S-Series hoods and headcovers, or the convenience of your existing tight-fitting 3M facepieces, 3M™ Versaflo™ Powered Air Respirator Systems offer a wide range of compatible options.

2. Turbo

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 or submersible cleaning.

3. Filter

Another important part of your safety toolkit, filters help protect workers from particulates and certain gases and vapours.

4. Accessories

Your job is unique. From the added functionality of radiant heat kits or hearing and communications, to the improved durability of peel-offs, cleaning kits and so much more, you have the accessories you need to customise and maximise ease of use.

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2

Explore the benefits of integrated comfort and safety.

3M™ Versaflo™ Powered Air Respirator Systems don't just offer respiratory protection. They can also feature integrated head, eye, face, hearing and skin protection for your employees, whilst providing comfort that helps ensure compliance during long shifts.

Comfort and versatility delivered.

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

Constant airflow.

The turbo 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 accessorise 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 aren't built and selected to work together, you may not be maximising your comfort and compatibility. 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.
- ▶ Headtops provide eye and face protection and certain models additionally provide head protection.





Work hard. Breathe easy.

3M™ Versaflo™ Powered Air Respirator Systems with loose-fitting headgear eliminate fit-testing where required by national legislation and accommodate certain limited facial hair, to help keep your employees happy and working safely.



Fit-testing

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



Facial hair

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



Prescription eyewear

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. 3M™ Versaflo™ Powered Air Respirator 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 airflow setting at a glance.

Intuitive interactivity.

Colour indicated touchpoints of system components allow for easy identification.

Fully submersible cleaning.

For environments requiring decontamination or heavy cleaning, the cleaning and storage kit allows the 3M™ Versaflo™ TR-600 and TR-800 battery and turbo to be fully submerged and easily cleaned.

Advanced alerts.

Audible and visual alarms alert you to filter load and low battery. Vibratory alarms on the 3M™ Versaflo™ TR-600 offer added alerts that may be useful in loud environments or if your employee is unable to hear an alarm.



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 3M™ Versaflo™ Powered Air Respirator Systems for your workers.

Just getting started? Choose a Ready 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-300+-ECK
- ▶ TR-600-ECK
- ▶ TR-800-ECK



Heavy Industry

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

- ▶ TR-300+-HIK
- ▶ TR-600-HIK
- ▶ TR-800-HIK



Industrial Hard Hat

A versatile Powered Air System featuring a hard hat with a disposable hood. For use in industrial environments like painting, decommissioning, chemical mixing.

- ▶ TR-300+-IHK
- ▶ TR-600-IHK
- ▶ TR-800-IHK



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-300+-HKL
- ▶ TR-300+-HKS
- ▶ TR-600-HKL
- ▶ TR-600-HKS



Looking for a full kit but need a different headtop? Start with a Starter Kit.

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

3M™ Starter Kits		
▶ TR-315E+	▶ TR-619E	▶ TR-819E

Want to customise it all?

Keep reading to see how to assemble your Versaflo™ Powered Air Respirator System piece by piece.

Name	Description	Blower	Headgear	Filter	Belt	Battery	Breathing Tube	Accessories
3M™ Versaflo™ Easy-Clean Ready Kits								
TR-300+-ECK	3M™ Versaflo™ Easy Clean Powered Air Respirator Kit	TR-302E+	S-433L	TR-3712E	TR-327	TR-332E	BT-30	PAPR Filter Cover (TR-371+), Single Station Battery Charger Kit (TR-342E), Prefilter (TR-3600), Breathing Tube Cover (BT-922), Air Flow Indicator (TR-971)
TR-600-ECK	3M™ Versaflo™ Easy Clean Powered Air Respirator Kit	TR-602E	S-433L	TR-6710E	TR-627	TR-630	BT-37	PAPR Filter Cover (TR-6700FC), Single Station Battery Charger Kit (TR-642E), Prefilter (TR-6600), Breathing Tube Cover (BT-922), Air Flow Indicator (TR-971), Cleaning & Storage Kit (TR-653)
TR-800-ECK	3M™ Versaflo™ Powered Air Respirator Easy Clean Kit	TR-802E	S-433	TR-6710E	TR-627	TR-630	BT-30	PAPR Filter Cover (TR-6700FC), Single Station Battery Charger Kit (TR-642E), Prefilter (TR-6600), Air Flow Indicator (TR-971), Cleaning & Storage Kit (TR-653),
3M™ Versaflo™ Heavy Industry Ready Kits								
TR-300+-HIK	3M™ Versaflo™ Heavy Industry Powered Air Respirator Kit	TR-302E+	M-307	TR-3712E	TR-326	TR-332E	BT-30	PAPR Filter Cover (TR-371+), Single Station Battery Charger Kit (TR-342E), Prefilter (TR-3600), Spark Arrestor (TR-362), High Temperature Breathing Tube Cover (BT-926), Air Flow Indicator (TR-971)
TR-600-HIK	3M™ Versaflo™ Heavy Industry Powered Air Respirator Kit	TR-602E	M-307	TR-6310E	TR-626	TR-632	BT-30	PAPR Filter Cover (TR-6300FC), Single Station Battery Charger Kit (TR-642E), Prefilter (TR-6600), Spark Arrestor (TR-662), High Temperature Breathing Tube Cover (BT-926), Air Flow Indicator (TR-971), Cleaning & Storage Kit (TR-653)
TR-800-HIK	3M™ Versaflo™ Powered Air Respirator Heavy Industry Kit	TR-802E	M-307	TR-6310E	TR-626	TR-830	BT-30	PAPR Filter Cover (TR-6300FC), Battery Attachment Tool (TR-838), Single Station Battery Charger Kit (TR-642E), Air Flow Indicator (TR-971), High Temperature Breathing Tube Cover (BT-926), Prefilter (TR-6600), Spark Arrestor (TR-662), Cleaning & Storage Kit (TR-653)
3M™ Versaflo™ Industrial Hard Hat Ready Kits								
TR-300+-IHK	3M™ Versaflo™ Industrial Hard Hat Powered Air Respirator Kit	TR-302E+	S-607	TR-3712E	TR-326	TR-332E	BT-30	S-Series Hood Hard Hat Adapter (S-960), Hard Hat UV White Ratchet (G3001NUV-VI), PAPR Filter Cover (TR-371+), Single Station Battery Charger Kit (TR-342E), Prefilter (TR-3600), Air Flow Indicator (TR-971), PAPR Cover TR-381, Storage Plugs (BT-957)
TR-600-IHK	3M™ Versaflo™ Industrial Hard Hat Powered Air Respirator Kit	TR-602E	S-607	TR-6310E	TR-626	TR-632	BT-30	S-Series Hood Hard Hat Adapter (S-960), Hard Hat UV White Ratchet (G3001NUV-VI), PAPR Filter Cover (TR-6300FC), Single Station Battery Charger Kit (TR-642E), Prefilter (TR-6600), Air Flow Indicator (TR-971), Cleaning & Storage Kit (TR-653) PAPR Cover (TR-681), Storage Plugs (BT-957)
TR-800-IHK	3M™ Versaflo™ Powered Air Respirator Industrial Hard Hat	TR-802E	S-707	TR-6310E	TR-626	TR-830	BT-30	S-Series Hood Hard Hat Adapter (S-960), Hard Hat UV White Ratchet (G3001NUV-VI), PAPR Filter Cover (TR-6300FC), Single Station Battery Charger Kit (TR-642E), Prefilter (TR-6600), Air Flow Indicator (TR-971), Cleaning & Storage Kit (TR-653), PAPR Cover (TR-681), Storage Plugs (BT-957)
3M™ Versaflo™ Healthcare Ready Kits								
TR-300+-HKL	3M™ Versaflo™ Headcover Powered Air Respirator Kit	TR-302E+	S-133L	TR-3712E	TR-327	TR-332E	BT-30	PAPR Filter Cover (TR-371+), Single Station Battery Charger Kit (TR-342E), Prefilter (TR-3600), Breathing Tube Cover (BT-922), Air Flow Indicator (TR-971)
TR-600-HKL	3M™ Versaflo™ Headcover Powered Air Respirator Kit	TR-602E	S-133L	TR-6710E	TR-627	TR-630	BT-30	PAPR Filter Cover (TR-6700FC), Single Station Battery Charger Kit (TR-642E), Air Flow Indicator (TR-971), Cleaning & Storage Kit (TR-653), Storage Bag (TR-991)
3M™ Versaflo™ Painter's Ready Kits								
TR-800-PSK	3M™ Versaflo™ Powered Air Respirator Painters Kit	TR-802E	M-206	TR-6310E	TR-627	TR-830	BT-20L	PAPR Filter Cover (TR-6300), Battery Attachment Tool (TR-838), Single Station Battery Charger Kit (TR-642E), Air Flow Indicator (TR-971), Breathing Tube Cover (BT-922), Cleaning & Storage Kit (TR-653)

Choose your respiratory protection.

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

3M™ Versaflo™ Turbo Units

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

3M™ Versaflo™
Powered Air Turbo
TR-300+



3M™ Versaflo™
Powered Air Turbo
TR-600



3M™ Versaflo™
Intrinsically Safe
Powered Air Turbo
TR-800



	TR-300+	TR-600	TR-800
Particulate (plus nuisance odour* options available)	✓	✓	✓
Gas & Vapour		✓	✓
Submersible**		✓	✓
Intrinsically Safe			✓

3M™ Versaflo™ Filters

Filters help protect against particles as well as certain gases and vapours.

TR-6710E
Filter



TR-6310E
Filter



Filters	Filter Type	Description
TR-3712E	P	Particulate
TR-3802E	P	Particulate plus nuisance level organic gases and vapours below Occupational Exposure Limit (OEL)
TR-3822E	P	Particulate plus hydrogen fluoride gas up to 10 x Occupational Exposure Limit (OEL) and nuisance level acid gases below OEL
TR-6710E	P	Particulate
TR-6820E	P	Particulate plus nuisance level organic gases and vapours below Occupational Exposure Limit (OEL), nuisance level acid gases below OEL and hydrogen fluoride gas up to 10 x OEL
TR-6110E	A1P	Organic gases & vapours (boiling point > 65°C) and particulates
TR-6130E	A1B1E1P	Organic gases & vapours (boiling point > 65°C), inorganic, acid gases and particulates
TR-6310E	A2P	Organic gases & vapours (boiling point > 65°C) and particulates
TR-6580E	A2B2E2K1HgP	Organic gases & vapours (bp > 65°C), inorganic, acid gases, ammonia, mercury vapour and particulates

Choose your headtop.

3M™ Versaflo™ Powered Air Respirator Systems offer a variety of headtop options that fit particular jobs and hazards, while helping maintain comfort and visibility.



3M™ Versaflo™ M-Series

For heavy industrial tasks that demand certain added protection.

- ▶ Range of options from lightweight faceshields with integrated bump caps and safety helmets.
- ▶ Meets the highest level of respiratory protection for these type of powered air systems when combined with certain air delivery units.
- ▶ Easily customisable with radiant heat kits, communications and hearing solutions.



3M™ Versaflo™ S-Series

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

- ▶ Range of fabrics designed for a variety of contaminants and splash hazards.
- ▶ Meets the highest level of respiratory protection for these type of powered air systems when combined with certain air delivery units.
- ▶ Explore options for integrated or reusable suspensions.

Seamlessly integrate with certain tight-fitting facepieces.

Already using a compatible tight-fitting facepiece respirator? Connecting to a Versaflo™ Powered Air Respirator system is easy with the 3M™ Versaflo™ BT-60 Series.



Choose to customise.

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, communications and hearing solutions.
- ▶ **Alternate mounting options.**
Explore belts and backpacks that add further ergonomic versatility.
- ▶ **Extended performance & durability.**
High-capacity batteries, prefilters, flame- and chemical-resistant fabrics, heavy duty breathing tubes and more work harder for you.
- ▶ **Improved ease.**
Charger stations 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.



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