

3M Science.
Applied to Life.™



**Breathe easy. Versatile,
comfortable blowers.**

3M™ Versaflo™ Powered Air Purifying Respirators

Comfortable the whole shift long.

In hazardous environments, powered air purifying respirators can help enhance wearer comfort. 3M Versaflo blowers automatically adjust airflow to compensate for filter loading to deliver the same amount of filtered air throughout an entire shift—helping to keep your employees comfortable.

Intuitive interactivity.

Color-indicated touch points allow for easy identification.

Fully submersible cleaning.

For environments requiring decontamination or heavy cleaning, the TR-600 and TR-800 battery and blower can be fully submerged and easily cleaned with the use of the TR-653 cleaning and storage kit.

You're in control.

Workers can control their comfort by selecting from various airflow speeds.

Stay alert.

Audible, visual, and vibratory* alerts for low airflow and low battery charge-level to keep you prepared and informed.



*Vibratory alerts only available on TR-600 PAPR systems. Not available on TR-300+ and TR-800 PAPR systems

Designed for comfort. Powered by innovation.

We developed 3M Versaflo series blowers to deliver the unparalleled safety you need, with the comfort and ease you've been looking for.



Comfort

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



Ease

3M™ Versaflo™ blowers have easy to use interfaces on both the blower and battery. Monitor the status of your filter, rate of airflow, and battery charge at a glance.



Versatility

Use in a variety of industries with loose or tight-fitting headgear for various particulate, gas and vapor, or intrinsically safe environments.

Find the right fit for your environment.

The entire series of Versaflo blowers was developed to give you the choice you need to handle the hazards you face. Explore your options and find the one that fits your application.



► TR-300+



► TR-600



► TR-800

Feature	TR-300+	TR-600	TR-800
HEPA	✓	✓	✓
Gas & Vapor		✓	✓
Intrinsically Safe			✓
Compatible Headtop Options	Loose	Loose and tight-fitting	
Blower Alarms	Visual/Audible	Visual/Audible/Vibratory	Visual/Audible
Cleaning	Wipe down	Submersible with optional cleaning kit	
Ingress Protection	IP-53	IP-54 IP-67*	
Airflow (loose fitting)	6.5 cfm (185 lpm) 7.2 cfm (205 lpm)	6.7 cfm (185 lpm) 7.2 cfm (205 lpm) 8.0 cfm (225 lpm)	
Elevation Limits	-100m (-328 ft) to 4300m (14107 ft)	-100m (-328 ft) to 5000m (16404 ft)	
Dimensions	8"W x 7"H x 3"D	10"W x 8"H x 3"D	
Approximate Motor Blower Weight	0.85 lbs	1.4 lbs	1.5 lbs
Battery Type	Lithium Ion		
Battery Cycles	500	500	750
Battery Run Times**	High Capacity: 8-12 hours	Standard: 4-13 hours High Capacity: 8-19 hours	Standard: 4-8 hours
Battery Charge Time	<3.5 hours	<4 hours	<3.5 hours
Approximate Battery Weight	Standard: 0.5 lbs High Capacity: 0.8 lbs	Standard: 1 lbs High Capacity: 1.3 lb	Standard: 1.5 lbs

*With cleaning and storage kit in place.

**Estimated system run time based on testing with a new battery and filter at 68°F (20°C). Longest run times with HE filter. Actual system run time may be extended or shortened depending on flow level selected, system configuration and environment.

Hazards are diverse. Luckily, so is our protection.

With over 50 years of respiratory protection development and a proven record of innovation, you can count on 3M filters and cartridges to give you the versatility you need to handle a wide range of hazardous environments.

Know your exposure.

Different tasks require different protection. Filters help protect against particles such as dust and debris. Cartridges also help protect against certain gases and vapors. Filter covers can be used to help protect the filter/cartridge.



TR-6710N Filter



TR-6530N Cartridge



TR-6300FC Filter Cover

Know your options.

Blower	Filter Cover	Filters*/Cartridges	Protection
TR-300+	TR-371+	TR-3712N - Gray, Gray	Particulate
TR-600 & TR-800	TR-6300FC	TR-6320N - Magenta/White	Acid Gas/Particulate
		TR-6350N - Magenta/Olive	Formaldehyde/Particulate
		TR-6360N - Magenta/Green	Ammonia/Methylamine/Particulate
	TR-6500FC	TR-6510N - Magenta/Black	Organic Vapor/Acid Gas/Particulate
		TR-6530N - Magenta/Yellow	Organic Vapor/Acid Gas/Particulate
		TR-6590N - Black	Multi-gas/Particulate
	TR-6700FC	TR-6710N - Magenta	Particulate
	TR-6800FC	TR-6820N - Magenta/Olive	Particulate/Nuisance Odor

Know your cartridge life.

With the 3M Service Life Software, you can estimate the service life of 3M gas and vapor cartridges at your specific exposure level and environmental conditions. www.3M.com/sls

*Please refer to NIOSH approval label for approved NIOSH configurations.

Add value. Choose to customize.

Each job is unique. That's why there's a whole portfolio of Versaflo PAPR accessories so you can tailor your system to your needs.

Pre-filters and Spark Arrestors.

Pre-filters may help extend the service life of your filters by capturing large particles and spark arrestors can help protect against damage from sparks.



- ▶ TR-3600 Prefilter
- ▶ TR-6600 Prefilter
- ▶ TR-362 Spark Arrestor
- ▶ TR-662 Spark Arrestor

Mounting.

Various belt materials provide variety for different environments. A backpack mounting option can help reduce weight on workers' waists.

Part	Type	Material	Blower
 TR-325*	Belt	Standard	TR-300
 TR-326*		High Durability	
 TR-327*		Easy Clean	
 TR-626***		High Durability	TR-600/ TR-800
 TR-627***		Easy Clean	
 TR-927	Backpack	Easy Clean	TR-300+ TR-600/ TR-800
 BPK-HD	Backpack	Heavy Duty	TR-300+ TR-600/ TR-800

Added versatility.

With long-lasting batteries, helpful chargers and convenient storage and cleaning kits, you can help ensure Versaflo series blowers work for your job.



TR-381, TR-681 PAPR Covers

Designed with liquid resistant material to help keep Versaflo PAPRs clean from over-spray and debris.

Batteries	Type	Blower
 TR-332	High Capacity	TR-300
 TR-630	Standard	TR-600
 TR-632	High Capacity	
 TR-830	Standard	TR-800

Charger	Type	Blower
 TR-341N	Single Station	TR-300
 TR-344N	Four Station	
 TR-641N	Single Station	TR-600/ TR-800
 TR-644N	Four Station	
 TR-944N	Four Station	All

Cleaning/Storage Kit
 TR-653
Carry Bag
 TR-991

*TR-329 suspenders can be utilized to help reduce weight around the waist. **TR-600 & TR-800 require the TR-655 backpack adapter.

***TR-626X and the TR-627X belt extenders increase belt length by 20".

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-300+ ECK
- ▶ TR-600 ECK
- ▶ TR-800 ECK

Heavy Industry

For use in rugged industrial environments like demolition, grinding, metal finishing and casting. Includes hard hat rated M-Series Helmet

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

Industry 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-600 HKL

Looking for a full kit but need versatility? 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-307	▶ TR-614	▶ TR-306	▶ TR-613
▶ TR-611*	▶ TR-814	▶ TR-612*	▶ TR-813

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

Versaflo Kits SKUs

Type	Name	Description	HEPA	Gas & Vapor	Filter Cover	Intrinsically Safe
Kit	TR-300+ ECK	3M™ Versaflo™ Easy Clean PAPR Kit	✓			
Kit	TR-300+ HIK	3M™ Versaflo™ Heavy Industry PAPR Kit	✓			
Kit	TR-300+ HKS	3M™ Versaflo™ Healthcare PAPR Kit	✓			
Kit	TR-300+ HKL	3M™ Versaflo™ Headcover PAPR Kit	✓			
Kit	TR-300+ IHK	3M™ Versaflo™ Industrial Hard Hat PAPR Kit	✓		✓	
Kit	TR-600 ECK	3M™ Versaflo™ Easy Clean PAPR Kit	✓	✓	✓	
Kit	TR-600 HIK	3M™ Versaflo™ Heavy Industry PAPR Kit	✓	✓	✓	
Kit	TR-600 HKS	3M™ Versaflo™ Headcover PAPR Kit	✓	✓	✓	
Kit	TR-600 HKL	3M™ Versaflo™ Headcover PAPR Kit	✓	✓	✓	
Kit	TR-600 IHK	3M™ Versaflo™ Industrial Hard Hat PAPR Kit	✓	✓	✓	
Kit	TR-800 ECK	3M™ Versaflo™ Powered Air Purifying Respirator Easy Clean Kit	✓	✓	✓	✓
Kit	TR-800 HIK	3M™ Versaflo™ Powered Air Purifying Respirator Heavy Industry Kit	✓	✓	✓	✓
Kit	TR-800 PSK	3M™ Versaflo™ Powered Air Purifying Respirator Painters Kit	✓	✓	✓	✓
Kit	TR-800 IHK	3M™ Versaflo™ Powered Air Purifying Respirator Industrial Hard Hat	✓	✓		✓

Versaflo Assembly SKUs

Type	Name	Description	HEPA	Gas & Vapor	Filter Cover	Intrinsically Safe
Assembly	TR-306N+	3M™ Versaflo™ PAPR Assembly, with High Durability Belt and High Capacity Battery	✓			
Assembly	TR-307N+	3M™ Versaflo™ PAPR Assembly, with Easy Clean Belt and High Capacity Battery	✓			
Assembly	TR-611	3M™ Versaflo™ Powered Air Purifying Respirator PAPR Assembly Breathing Tube, Std Batt., EC Belt	✓	✓	✓	
Assembly	TR-612	3M™ Versaflo™ Powered Air Purifying Respirator PAPR Assembly HD Breathing Tube, Std Batt., HD Belt	✓	✓	✓	
Assembly	TR-613	3M™ Versaflo™ Powered Air Purifying Respirator PAPR Assembly, Std Battery, BT-30 Breathing Tube, HD Belt	✓	✓	✓	
Assembly	TR-614	3M™ Versaflo™ PAPR Assembly	✓	✓	✓	
Assembly	TR-813	3M™ Versaflo™ Powered Air Purifying Respirator Heavy Duty Assembly	✓	✓	✓	✓
Assembly	TR-814	3M™ Versaflo™ Powered Air Purifying Respirator Easy Clean Assembly	✓	✓	✓	✓

Blower (Battery not included)

Name	Description	HEPA	Gas & Vapor	Submersible	Intrinsically Safe
TR-302N+	3M™ Versaflo™ PAPR Unit	✓			
TR-602N	3M™ Versaflo™ Powered Air Purifying Respirator Unit	✓	✓	✓	
TR-802N	3M™ Versaflo™ Powered Air Purifying Respirator Unit	✓	✓	✓	✓

Batteries

Batteries	Type	Description	For use with
TR-332	Lithium Ion Rechargeable	3M™ High Capacity Battery	TR-300
TR-630	Lithium Ion Rechargeable	3M™ Versaflo™ Standard Battery	TR-600
TR-632	Lithium Ion Rechargeable	3M™ Versaflo™ High Capacity Battery	
TR-830	Lithium Ion Rechargeable	3M™ Versaflo™ Battery, Intrinsically Safe	TR-800

Cleaning and Storage

Batteries	Type	Description	For use with
TR-991	Carry Bag	3M™ Versaflo™ Respiratory Systems Carry Bag	BT-63/64
TR-653	Cleaning and Storage Kit	3M™ Versaflo™ Cleaning & Storage Kit	TR-600/800

Chargers

Charger	Type	Description	Blower
TR-341N	Single Station	3M™ Single Station Battery Charger Kit	TR-300
TR-344N	4 Station	3M™ 4-Station Battery Charger Kit	
TR-641N	Single Station	3M™ Versaflo™ Single Station Battery Charger Kit	TR-600, TR-800
TR-644N	4 Station	3M™ Versaflo™ 4-Station Battery Charger Kit	
TR-944N	4 Station Power Supply	3M™ 4-Station Power Supply	TR-300, TR-600, TR-800

Pre-filters and Spark Arrestors

Product Number	Type	Description	For use with
TR-3600	Pre-filter	3M™ Prefilter	TR-300
TR-362	Spark Arrestor	3M™ Spark Arrestor	
TR-6600	Pre-filter	3M™ Versaflo™ Prefilter	TR-600
TR-662	Spark Arrestor	3M™ Versaflo™ Spark Arrestor	

Mounting Options

Product Number	Type	Description	For use with
TR-325	Standard Belt	3M™ Standard Belt TR-325	TR-300
TR-326	High Durability	3M™ High Durability Belt TR-326, for Versaflo	
TR-327	Easy Clean	3M™ Easy Clean Belt	
TR-626	High Durability	3M™ Versaflo™ High Durability Belt	TR-600, TR-800
TR-627	Easy Clean	3M™ Versaflo™ Easy Clean Belt	
TR-927	Easy Clean	3M™ Versaflo™ Easy Clean Back Pack	TR-300+, TR-600, TR-800
BPK-HD	Back Pack	3M™ Heavy Duty Back Pack	TR-300+, TR-600, TR-800

PAPR Covers

Product Number	Type	Description	For use with
TR-381	PAPR Cover	3M™ Versaflo™ PAPR Cover TR-381, for TR-300+ PAPR, 10 EA/Case	TR-300+
TR-681	PAPR Cover	3M™ Versaflo™ PAPR Cover TR-681, for TR-600/800 PAPR	TR-600/800

Try 3M Versaflo Powered Air Respirators for yourself.

For information call 1-800-328-1667 or visit 3m.com/Versaflo



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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.

For More Information

Technical Assistance in US
1-800-243-4630
Technical Assistance in Canada
1-800-267-4414
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70-0717-3752-5

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