

3M Science.
Applied to Life.™



**Breathe easy.
Versatile, comfortable turbos.**

3M™ Versaflo™ Powered Air Respirator Systems

Comfortable the whole shift long.

In hazardous environments, powered air respirator systems can help enhance wearer comfort. 3M™ Versaflo™ turbos 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.

Colour-indicated touch points allow for easy identification.

Fully submersible cleaning.

For environments requiring decontamination or heavy cleaning, the 3M™ Versaflo™ TR-600 and TR-800 battery and turbo 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.

Visual and audible alarms alert workers to low battery and filter loading.

Find the right fit for your environment.

The entire series of 3M™ Versaflo™ turbos 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+
Particulate & nuisance odour



► TR-600
Particulate, Nuisance Odour, Gas and Vapour



► TR-800
Particulate, Nuisance Odour, Gas and Vapour. For use in certain potentially explosive atmospheres.

Feature	TR-300+	TR-600	TR-800
Particulate	✓	✓	✓
Gas & Vapour		✓	✓
Particulate & Nuisance Odour	✓	✓	✓
Intrinsically Safe			✓
Compatible Headtop Options	Loose fitting	Loose and tight-fitting	
Turbo 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)	185 lpm/205 lpm	185 lpm/205 lpm/225 lpm	
Airflow (tight fitting)		115 lpm/135 lpm/170 lpm	
Altitude Limits	-100m to 4300m	-100m to 5000m	
Dimensions	20.3 W x 17.8 H x 7.6 D cm	25.4 W x 20.3 H x 7.6 D cm	
Approximate Motor Blower Weight	0.39 kg	0.64 kg	0.68 kg
Battery Type	Lithium Ion		
Battery Cycles	250 ^{††}		
Battery Run Time (loose fitting)**	Standard: 4.5-6 hours High Capacity: 9-12 hours	Standard: 10-12 hours [†] High Capacity: 15-19 hours [†]	Standard: 5.5-7.5 hours
Battery Run Time (tight fitting)**		Standard: 9-12 hours High Capacity: 12-18 hours	Standard: 5.5-8 hours
Battery Charge Time	<3.5 hours	<4 hours	<3.5 hours
Approximate Battery Weight	Standard: 0.23 kg High Capacity: 0.36 kg	Standard: 0.45 kg High Capacity: 0.59 kg	Standard: 0.68 kg

* With cleaning and storage kit fitted ** Battery run times stated are at standard flow setting. See specific product datasheets for more information
[†] With P filter. Systems incorporating other filters may have lower battery run times. See specific product datasheet for more information.
^{††} During the first year of service, while maintaining 80% of battery's original capacity.

Designed for comfort. Powered by innovation.

We developed 3M™ Versaflo™ series turbos to deliver the 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

Versaflo™ turbos have easy to use interfaces on both the turbo and battery. Monitor the status of your filter, airflow setting, and battery charge at a glance.



Versatility

Use in a variety of industries with loose or tight-fitting headtops for various particulate, gas and vapour hazards. TR-800 turbo is available for use in certain potentially explosive atmospheres.

Hazards are diverse. So is our protection.

With over 40 years of respiratory protection development and a proven record of innovation, 3M filters 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, plus a range of certain gases and vapours. Filter covers can be used to help protect the filter and may be used with optional spark arrestors and pre-filters.



TR-6710E Filter



TR-6310E Filter



TR-6300FC Filter Cover

Know your options.

Product	Type	Description*	For Use With
TR-371	Filter Cover	3M™ Versaflo™ Filter Cover	TR-300+
TR-3712E	Filter	3M™ Versaflo™ P Filter	TR-300+
TR-3802E	Filter	3M™ Versaflo™ P, Nuisance Odour Organic Gases & Vapours Filter	TR-300+
TR-3822E	Filter	3M™ Versaflo™ P, Nuisance Odour Acid Gases Filter (plus hydrogen fluoride up to 10 x Occupational Exposure Limit)	TR-300+
TR-6710E	Filter	3M™ Versaflo™ P Filter	TR-600 & TR-800
TR-6820E	Filter	3M™ Versaflo™ P, Nuisance Odour Organic Gases & Vapours and Acid Gases Filter (plus hydrogen fluoride up to 10 x Occupational Exposure Limit)	TR-600 & TR-800
TR-6110E	Filter	3M™ Versaflo™ A1P Filter	TR-600 & TR-800
TR-6130E	Filter	3M™ Versaflo™ A1B1E1P Filter	TR-600 & TR-800
TR-6310E	Filter	3M™ Versaflo™ A2P Filter	TR-600 & TR-800
TR-6580E	Filter	3M™ Versaflo™ A2B2E2K1HgP Filter	TR-600 & TR-800
TR-6700FC	Filter Cover	3M™ Versaflo™ Filter Cover	TR-6710E
TR-6800FC	Filter Cover	3M™ Versaflo™ Filter Cover	TR-6820E
TR-6100FC	Filter Cover	3M™ Versaflo™ Filter Cover	TR-6110E & TR-6130E
TR-6300FC	Filter Cover	3M™ Versaflo™ Filter Cover	TR-6310E
TR-6500FC	Filter Cover	3M™ Versaflo™ Filter Cover	TR-6580E

*Nuisance odour describes contaminants that are below the Occupational Exposure Limit (OEL)

Know your filter life.

With the 3M Service Life Software, you can estimate the service life of 3M gas and vapour filters at your specific exposure level and environmental conditions.

Add value. Choose to customise.

Each job is unique. That's why there's a whole portfolio of 3M™ Versaflo™ Powered Air System 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

Belts and backpacks.

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

Part	Type	Material	Turbo
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		
BPK-01	Backpack	Standard	All**

Added versatility.

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

Batteries	Type	Turbo
TR-330	Standard	TR-300+
TR-332	High Capacity	
TR-630	Standard	TR-600
TR-632	High Capacity	
TR-830	Standard	TR-800

Charger	Type	Turbo
TR-341UK TR-341E	Single Station	TR-300+
TR-344UK TR-344E	Four Station	
TR-641UK TR-641E	Single Station	TR-600/ TR-800
TR-644UK TR-644E	Four Station	
TR-944UK TR-944E	Four Station	All

Cleaning/Storage Kit
TR-653

*TR-329 braces can be utilised to help reduce burden around the waist. **TR-600 & TR-800 require the TR-655 backpack adapter.

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 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 Powered Air 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

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 a Starter Kit.

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

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

Want to customise it all?

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

3M™ Versaflo™ Ready Kits

Name	Description	SKU	Particulate/ Nuisance Odour	Gas & Vapour	Submersible	Intrinsically Safe
TR-300+ ECK	3M™ Versaflo™ Easy Clean Powered Air Respirator Systems Kit		✓			
TR-300+ HIK	3M™ Versaflo™ Heavy Industry Powered Air Respirator Systems Kit		✓			
TR-300+ HKL	3M™ Versaflo™ Headcover Powered Air Respirator Systems Kit		✓			
TR-600 ECK	3M™ Versaflo™ Easy Clean Powered Air Respirator Systems Kit		✓	✓	✓	
TR-600 HIK	3M™ Versaflo™ Heavy Industry Powered Air Respirator Systems Kit		✓	✓	✓	
TR-600 HKL	3M™ Versaflo™ Headcover Powered Air Respirator Systems Kit		✓	✓	✓	
TR-800 ECK	3M™ Versaflo™ Easy Clean Powered Air Respirator Systems Kit		✓	✓	✓	✓
TR-800 HIK	3M™ Versaflo™ Heavy Industry Powered Air Respirator Systems Kit		✓	✓	✓	✓
TR-800 PSK	3M™ Versaflo™ Painter's Powered Air Respirator Systems Kit		✓	✓	✓	✓

3M™ Versaflo™ Starter Kits

Name	Description	SKU	Particulate/ Nuisance Odour	Gas & Vapour	Submersible	Intrinsically Safe
TR-306N+			✓			
TR-307N+			✓			
TR-611			✓	✓	✓	
TR-612			✓	✓	✓	
TR-613			✓	✓	✓	
TR-614			✓	✓	✓	
TR-813			✓	✓	✓	✓
TR-814			✓	✓	✓	✓

Powered Air Turbo (Battery not included)

Name	Description	SKU	Particulate/ Nuisance Odour	Gas & Vapour	Submersible	Intrinsically Safe
TR-302E+	3M™ Versaflo™ Powered Air Turbo Unit	7100098846	✓			
TR-602E	3M™ Versaflo™ Powered Air Turbo Unit	7100035056	✓	✓	✓	
TR-802E	3M™ Versaflo™ Powered Air Turbo Unit	7100169179	✓	✓	✓	✓

Batteries

Name	Description	SKU	For use with
TR-330	3M™ Versaflo™ Standard Battery	7100006660	TR-300+
TR-332	3M™ Versaflo™ High Capacity Battery	7100005643	
TR-630	3M™ Versaflo™ Standard Battery	7000144501	TR-600
TR-632	3M™ Versaflo™ High Capacity Battery	7000144502	
TR-830	3M™ Versaflo™ Battery, Intrinsically Safe	7100150925	TR-800

Cleaning and Storage

Name	Description	SKU	For use with
TR-653	3M™ Versaflo™ Cleaning & Storage Kit	7100035841	TR-600/800

Chargers

Name	Type	Description	SKU	For use with
TR-341UK	Single Station	3M™ Versaflo™ Single Station Battery Charger Kit	7100007089	TR-300+
TR-341E			7000103966	
TR-344UK	4 Station	3M™ Versaflo™ 4-Station Battery Charger Kit	7000103975	
TR-344E			7000103966	
TR-641UK	Single Station	3M™ Versaflo™ Single Station Battery Charger Kit	7100021098	TR-600 TR-800
TR-641E			7000144504	
TR-644UK	4 Station	3M™ Versaflo™ 4-Station Battery Charger Kit	7100020282	
TR-644E			7000144505	

Filters/Filter Covers

Name	Type	Description*	SKU	For use with
TR-371	Filter Cover	3M™ Versaflo™ Filter Cover	7100099577	TR-300+
TR-3712E	Filter	3M™ Versaflo™ Particulate Filter	7100018965	TR-300+
TR-3802E	Filter	3M™ Versaflo™ Particulate plus nuisance level organic gases and vapours below Occupational Exposure Limit (OEL) Filter	70071622065	TR-300+
TR-3822E	Filter	3M™ Versaflo™ Particulate plus hydrogen fluoride gas up to 10 x Occupational Exposure Limit (OEL) and nuisance level acid gases below OEL Filter	70071622073	TR-300+
TR-6100FC	Filter Cover	3M™ Versaflo™ Filter Cover	7100021248	TR-6110E & TR-6130E
TR-6110E	Filter	3M™ Versaflo™ A1P Filter	70071622040	TR-600/TR-800
TR-6130E	Filter	3M™ Versaflo™ A1B1E1P Filter	7100020997	TR-600/TR-800
TR-6300FC	Filter Cover	3M™ Versaflo™ Filter Cover	7100021336	TR-6310E
TR-6310E	Filter	3M™ Versaflo™ AP2 Filter	7100020998	TR-600/TR-800
TR-6500FC	Filter Cover	3M™ Versaflo™ Filter Cover	7100021252	TR-6580E
TR-6580E	Filter	3M™ Versaflo™ A2B2E2K1HgP Filter	7100020999	TR-600/TR-800
TR-6700FC	Filter Cover	3M™ Versaflo™ Filter Cover	7100021251	TR-6710E
TR-6710E	Filter	3M™ Versaflo™ Particulate Filter	7100020971	TR-600/TR-800
TR-6800FC	Filter Cover	3M™ Versaflo™ Filter Cover	7100021247	TR-6820E
TR-6820E	Filter	3M™ Versaflo™ 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 Filter	7100020995	TR-600/TR-800

Pre-filters and Spark Arrestors

Name	Type	Description	SKU	For use with
TR-3600	Pre-filter	3M™ Versaflo™ Prefilter	7000059880	TR-300+
TR-362	Spark Arrestor	3M™ Versaflo™ Spark Arrestor	7000103970	
TR-6600	Pre-filter	3M™ Versaflo™ Prefilter	7100021255	TR-600/TR-800
TR-662	Spark Arrestor	3M™ Versaflo™ Spark Arrestor	7100035845	

Belts and Backpacks

Name	Type	Description	SKU	For use with
TR-325	Standard Belt	3M™ Versaflo™ Standard Belt	7100006958	TR-300+
TR-326	High Durability	3M™ Versaflo™ High Durability Belt	7000103972	
TR-327	Easy Clean	3M™ Versaflo™ Easy Clean Belt	7000103973	
TR-626	High Durability	3M™ Versaflo™ High Durability Belt	7100020189	TR-600 TR-800
TR-627	Easy Clean	3M™ Versaflo™ Easy Clean Belt	7100020221	
TR-655	Backpack Adaptor	3M™ Versaflo™ Backpack Adaptor	7100035843	
BPK-01	Backpack	3M™ Versaflo™ Backpack	7100005724	All

*Nuisance odour describes contaminants below the Occupational Exposure Limit (OEL)



Try 3M™ Versaflo™ Powered Air Respirators for yourself.

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3M PSD products are for occupational use only.

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