
3M
Science.
Applied to Life.™
3M™ Versaflo™ Powered Air Purifying Respirators
with Tight Fitting Full Facepieces
Work Hard
Breathe Easy



Integrating the benefits of the 3M™ Versaflo™ TR-600 Powered Air Purifying Respirator with tight fitting protection.

When comfort is designed into respiratory protection products, workers can focus on the work and not the PPE.

The 3M™ Versaflo™ Powered Air Purifying Respirator (PAPR) system is designed to help them do just that.

Health and safety managers can choose from a wide range of headgear, breathing tubes and air sources to customize a PAPR solution.

And when considering breathing tubes, 3M now offers tight fitting, full facepiece respirator options, capable of providing an APF of up to 1000.* Plus you can choose between filters and/or a wide range of chemical cartridges, depending on the hazards in your environment.

In all, this solution is everything workers and the work environment demand. And deserve.

More reasons to consider a 3M™ Versaflo™ PAPR System now.

In addition to providing respiratory protection, PAPR systems can help bring 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. Certain configurations combine head, eye,* face and respiratory protection.

PAPRs can deliver filtered air all shift long.

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

Before you can protect your workers from hazards with an APF of 1000, you have to have an approved configuration of tight fitting facepiece, breathing tube, blower and headtops.

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



Tight fitting facepiece

When used in an approved configuration, this system provides a low profile option with an assigned protection factor of 1000 against certain gases, vapors, and particulates.

Breathing tube

The 3M™ Versaflo™ BT-64 and BT-63 breathing tubes connect the Versaflo TR-600 Series PAPR to a variety of 3M full facepiece options, enabling unrestricted air flow reliably to the user.

Blower

3M™ Versaflo™ Powered Air Purifying Respirators are easy to buy, easy to use, and easy to maintain. The 3M™ Versaflo™ TR-600 system is not only comfortable, but versatile. You can customize the system needed for your environment by choosing from all compatible headtops, hoods, helmets, cartridges, filters, and breathing tubes.

Products shown:

- 3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 Series
- 3M™ Versaflo™ Heavy Duty Tight Fitting Breathing Tube BT-64
- 3M™ Versaflo™ Powered Air Purifying Respirator TR-600
- 3M™ Hard Hat H-700 Series
- 3M™ E-A-R™ Classic Plus Earplugs 311-1105
- 3M™ TR-6710N HE Particulate Filter
- 3M™ TR-626 Heavy Duty Belt



Select the respirator that meets your needs.

	6000	FF-400	7800S
Enhanced Durability		●	●
Enhanced Comfort		●	
3M™ Cool Flow™ Valve	●	●	
Eye Protection	●	●	●
Speaking Diaphragm		●	●
Accessories	●	●	●
Spare Parts	●	●	●
Six-point Head Harness		●	●
Silicone Faceseal	●	●	●
Clip-on Welding Shield			●

3M™ Full Facepiece Reusable Respirator 6000 Series

6000 Series		SKU (3M ID)	UPC #
6700	3M™ Full Facepiece Reusable Respirator 6700 Small	70070709046	50051138541458
6800	3M™ Full Facepiece Reusable Respirator 6800 Medium	70070709053	50051138541465
6900	3M™ Full Facepiece Reusable Respirator 6900 Large	70070709186	50051138541595

Travel light. Lightweight, well-balanced silicone faceseal.

Choose your mode. Air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes available.

Go with the flow. 3M™ Cool Flow™ Valve helps reduce heat and humidity inside the respirator.



Prepare for impact. Meets ANSI Z87.1 requirements to help provide limited eye and face protection against flying particles.

Line of sight. Large lens provides wide field of view, excellent visibility.

Smooth surface. Unique center adapter directs exhaled breath and moisture downward, and helps reduce debris from depositing in the valve. Smooth surface allows for quick and easy cleaning.

3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 Series

FF-400 Series		SKU (3M ID)	UPC #
FF-401	3M™ Ultimate FX Full Facepiece Reusable Respirator FF-401 Small	70071510773	00051135894182
FF-402	3M™ Ultimate FX Full Facepiece Reusable Respirator FF-402 Medium	70071510807	00051135894212
FF-403	3M™ Ultimate FX Full Facepiece Reusable Respirator FF-403 Large	70071510831	00051135894243

Choose your mode. Air purifying respirator (APR), supplied air (SAR) and powered air purifying respirator (PAPR) modes available.

Get comfortable. 3M Comfort Cradle helps position the respirator more comfortably on the head. Soft, silicone nose cup and faceseal are engineered for maximum comfort.



Stay clean while you spray. Scotchgard™ coating causes some paints and stains to bead up on the lens surface, so they can be wiped off easily.

Speak clearly. Passive speaking diaphragm is optimally positioned for clearer and easier communications.

Go with the flow. 3M™ Cool Flow™ Valve helps reduce heat and humidity inside the respirator.

3M™ Full Facepiece Reusable Respirator 7800S Series

7800S Series		SKU (3M ID)	UPC #
7800S-S	3M™ Full Facepiece Reusable Respirator 7800S-S Small	70070710259	00051138542573
7800S-M	3M™ Full Facepiece Reusable Respirator 7800S-M Medium	70070710267	00051138542580
7800S-L	3M™ Full Facepiece Reusable Respirator 7800S-L Large	70070710275	00051138542597

Go long. Silicone facepiece improves durability.

Choose your mode. Air purifying respirator (APR), supplied air (SAR) and powered air purifying respirator (PAPR) configurations available.



Fit. Double-flange faceseal and 6 adjustable straps help provide a secure fit.

Weld at a fast clip. Our clip on welding lens attachment lets you utilize a passive welding lens with our tight fitting facepiece.

Blower: When the job's 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 configurations that are right for your hazards.

Tight fitting mode.
Sensors recognize a tight fitting respirator is being used.

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

Status? Check.
Reliable user interface for at-a-glance viewing of current battery charge, filter load status and air flow setting.

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

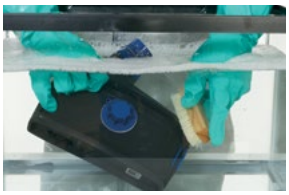
Easy clean.
Fully submersible* design, suitable for use in decontamination showers, making it easy to clean and decontaminate.

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

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

2 battery options.
Approximately 7 to 19 hours, depending on filter/cartridge use and air speed.





*Requires purchase of TR-653 Cleaning and Storage Kit.

Filters and cartridges: remove airborne contaminants.

Filters and cartridge elements are suitable for different tasks. Filters help protect against particles such as dusts, mists and fumes, while cartridges work to protect against certain gases and vapors. Making the right filter and cartridge choices requires an understanding on what hazards may be in the air in the work environment.

Filters capture particles.



Filter and cartridge options are listed on back cover.



Combination cartridges filter particulates and certain gases and vapors.

Breathing tubes: An excellent connection.

With the addition of the 3M™ Versaflo™ BT-63 and BT-64 Breathing Tubes, 3M has provided additional options for worker protection and comfort in our full facepiece respirators.

Designed to connect 3M™ Full Facepiece Respirators FF-400 Series, 6000 Series, and 7800S Series with the 3M™ Versaflo™ Powered Air Purifying Respirator TR-600, these breathing tubes can provide an assigned protection factor (APF) of 1000 against certain gases, vapors and particulates when used in an approved configuration.



Two options, each designed to work with Full Facepiece Respirators.

All together now: Two versatile assemblies.

3M offers two assembly options, featuring the BT-63 and BT-64 breathing tubes. Both incorporate a lithium ion battery that lasts up to 12 hours, delivering a long run time and a fast charging time.

3M™ Versaflo™ Powered Air Purifying Respirator PAPR Assembly TR-611N

The TR-611 assembly has a length-adjusting breathing tube and an easy-cleaning belt for protection in a variety of environments.

Assembly includes:

- BT-63 Breathing Tube
- TR-602N PAPR Motor Blower
- TR-973 Air Flow Indicator
- TR-627 Easy Clean Belt
- TR-630 Standard Battery
- TR-641N Standard Battery Charger
- TR-6600 Prefilter
- TR-662 Spark Arrestor/Prefilter
- BT-953 2 Caps and 1 Storage Plug



3M™ Versaflo™ Powered Air Purifying Respirator PAPR Assembly TR-612N

The TR-612N assembly has a heavy-duty breathing tube and a heavy-duty belt designed for use in a variety of environments, multiple size adjustments and belt extender options.

Assembly includes:

- BT-64 Breathing Tube
- TR-602N PAPR Motor Blower
- TR-973 Air Flow Indicator
- TR-626 High Durablty Belt
- TR-630 Standard Battery
- TR-641N Standard Battery Charger
- TR-6600 Prefilter
- TR-662 Spark Arrestor/Prefilter
- BT-953 2 Caps and 1 Storage Plug



NOTE: facepiece, filters and/or cartridges and filter covers ordered separately.

3M™ Versaflo™ Components



Assemblies		SKU (3M ID)	UPC #
TR-611N	3M™ Versaflo ™ Powered Air Purifying Respirator PAPR Assembly TR-611N, BT-63 Breathing Tube, Std Batt., EC Belt, 1 EA/Case	70071731544	00051131278370
TR-612N	3M™ Versaflo ™ Powered Air Purifying Respirator PAPR Assembly TR-612N, BT-64 HD Breathing Tube, Std Batt., HD Belt, 1 /Case	70071731551	00051131278363



Filters/Cartridges		SKU (3M ID)	UPC #
TR-6710N-5/37357	3M™ Versaflo™ High Efficiency Filter	70071618279	50051131373575
TR-6710N-40/37358	3M™ Versaflo™ High Efficiency Filter	70071618287	50051131373582
TR-6820N/37360	3M™ Versaflo™ HEPA and Nuisance OV/AG Filter	70071618295	50051131373605
TR-6510N/37361	3M™ Versaflo™ Organic Vapor/HEPA Cartridge	70071618303	50051131373612
TR-6530N	3M™ Versaflo™ Organic Vapor/Acid Gas/HEPA Cartridge	70071618311	50051131373629
TR-6320N	3M™ Versaflo™ Acid Gas/HEPA Cartridge	70071618329	50051131373636
TR-6360N	3M™ Versaflo™ Ammonia/Methylamine/HEPA Cartridge	70071618337	50051121373643
TR-6350N	3M™ Versaflo™ Formaldehyde/HEPA Cartridge	70071618345	50051121373650
TR-6590N	3M™ Versaflo™ Multi-Gas/HE Cartridge 5/CS	70071618352	50051131373671



Filter Covers		SKU (3M ID)	UPC #
TR-6300FC/37380	3M™ Versaflo™ Filter Cover for TR-6300 Series Cartridges	70071622065	00051131373808
TR-6500FC	3M™ Versaflo™ Filter Cover for TR-6500 Series Cartridges	70071622073	00051131373815
TR-6700FC/37356	3M™ Versaflo™ Filter Cover for TR-6700 Series Cartridges	70071618261	00051131373563
TR-6800FC/37378	3M™ Versaflo™ Filter Cover for TR-6800 Series Cartridges	70071622040	00051131373785



Breathing Tubes & Adapters		SKU (3M ID)	UPC #
BT-63*	3M™ Versaflo™ Length Adjusting Tight Fitting Breathing Tube BT-63 1 EA/Case	70071730934	00051131277588
BT-64*	3M™ Versaflo™ Heavy Duty Tight Fitting Breathing Tube BT-64 1 EA/Case	70071730876	00051131277564



Battery & Battery Chargers		SKU (3M ID)	UPC #
TR-630/37347	3M™ Versaflo™ Standard Battery	70071618170	00051131373471
TR-632/37348	3M™ Versaflo™ High Capacity Battery	70071618188	00051131373488
TR-641N/37350	3M™ Versaflo™ Single Station Battery Charger Kit	70071618204	00051131373501
TR-644N/37351	3M™ Versaflo™ 4-Station Battery Charger Kit	70071618212	00051131373518



Belts & Belt Extenders		SKU (3M ID)	UPC #
TR-626	3M™ Versaflo™ High Durability Belt	70071618139	00051131373433
TR-627/37345	3M™ Versaflo™ Easy Clean Belt	70071618154	00051131373457
TR-626X	3M™ Versaflo™ High Durability Belt Extender	70071618147	00051131373440
TR-627X	3M™ Versaflo™ Easy Clean Belt Extender	70071618162	00051131373464



Accessories		SKU (3M ID)	UPC #
TR-973*	3M™ Versaflo™ Air Flow Indicator TR-973, for TR-600 PAPR with BT-63/64 Breathing Tube 1/case	70071730884	00051131277571
BT-953	3M™ Versaflo™ Cleaning & Storage Kit BT-953, for BT-63/64 Breathing Tubes 1/case	70071730892	00051131277557
BT-957	3M™ Versaflo™ Storage Plugs BT-957 5/CS	70071731569	00051131278400
TR-6600/37354	3M™ Versaflo™ Prefilter	70071618246	50051131373544
TR-662	3M™ Versaflo™ Spark Arrestor	70071618253	00051131373556
BPK-01	3M™ Versaflo™ Backpack	70071563533	00051131173583
TR-655/37385	3M™ Versaflo™ Back Pack Adaptor	70071651692	00051131373853
TR-329	3M™ Versaflo™ Suspenders	70071563574	00051131173620

*TR-973 Air Flow Indicator will be included with the BT-63 and BT-64 Breathing Tubes for a limited time only.
3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on selected products.

For more information

In U.S.	
Technical Service	1-800-243-4630
Customer Care Center	1-800-328-1667
Internet	3M.com/Versaflo 3M.com/Reusable

In Canada	
Technical Service	1-800-267-4414
Customer Care	1-800-364-3577
Internet	3M.ca/safety

3M Facepiece product information can be found on facepiece pages.

The TR-973 Airflow Indicator may only be used for testing airflow of the PAPR that will be used with the BT-60 series breathing tubes.



⚠WARNING

These 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 requirements 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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