3M Personal Safety Division

3M™ Versaflo™ Powered Air Purifying Respirator TR-600



HEAVY INDUSTRY

Evolve to TR-600







The new 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 provides durable protection for employees even in harsh environments. With rugged construction and a comfortable design that will see you through the entire shift, the TR-600 is the confident solution. Representing an advanced evolution of technology with increased excellence in powered air respiratory safety, your world of protection just got bigger and bolder than ever.

The Power to Protect Your World℠

3M



The New 3M™ Versaflo™ Powered Air Purifying Respirator TR-600

Thanks to comprehensive research and an in-depth understanding of your needs, we created the most advanced, versatile solution yet. Simply put: It's designed to help make breathing and working easier.

Protection

The evolved 3M™ Versaflo™ Powered Air Purifying Respirator reaches new heights of performance with a lithium-ion battery, adjustable airflow options, and an expanded range of NIOSH approved filters and cartridges to help protect against hazards like particulates, nuisance odors, organic vapors and acid gases. This robust unit has the strength any rugged work environment requires. Compatible with the 3M™ Versaflo™ Respirator Systems family of components, the system provides integrated solutions for eye, hearing, head, face, skin and respiratory protection.

Versatility

Harsh, hazardous work such as metal working, grinding and demolition presents a unique set of needs and challenges, where customized solutions are a must. The TR-600 is designed to be compatible with multiple configurations of headtops, breathing tubes, batteries, filters, cartridges and more. Choose a durable system configuration that gets the job done for you.

Endurance

The 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 is equipped with two powerful battery options designed to be both efficient and intuitive. With battery options that can provide the power and endurance to last up to a full eight-hour shift, TR-600 users enjoy longer run time, less charging time and, ultimately, reduced down time. Along with power, the TR-600 battery delivers intuitive charge level indicators on the battery and PAPR user interface to help make sure you're prepared and getting the most out of the battery while on the job.

- LED status lights for battery charge on both the battery and the turbo
- Low-charge warnings, including vibratory, audible and visual alarms
- PAPR alarm provides approximately 15 minutes of warning prior to automatic low-power shutdown



Comfort

Our powered air purifying respirator systems are designed to endure use in tough environments. The ruggedly lightweight, ergonomically designed 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 is crafted to provide comfort and protection for the long haul.

- Multiple airflow rate options for user comfort
- Designed for greater movement in tight work spaces
- Heavy-duty belt designed with airflow channels features multiple size adjustments and has belt extender options

Ease of Use

The 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 features a user-friendly design with intuitive, colored interactive touch points and visual, vibratory and audible low-flow and low-battery indicators. The TR-600 is tough but lightweight, and it's easy to clean.

- Easy tool-free maintenance
- Color-indicated touch points
- Low-flow and low-battery alarms
- Battery charge and particulate filter loading status indicators
- Meets IP53 rating while in use in decontamination shower
- Meets IP67 rating when used with cleaning and storage plugs to enable full submersion for easy clean-up and decontamination
- Pre-calibration makes product ready to use, directly out of the box

Three Ways to Buy:

1 | Ready-to-Use Kits

Ready-to-use kits offer a simple way to purchase a complete powered air system that includes what you need to get started – headtop, breathing tube, PAPR and more – all in one convenient purchase. 3M offers two kit options, including a Heavy Industry Kit and an Easy Clean Kit.

For rugged operations such as industrial, demolition, grinding, metal finishing and casting, the Heavy Industry Kit (TR-600-HIK) features:

- M-307 Hard Hat Assembly Headtop
- TR-602N Motor/Blower
- TR-632 High Capacity Battery
- BT-30 Length Adjusting Breathing Tube
- TR-626 High Durability Belt
- TR-6530N (HE/OV/AG/HF) Filter/ Cartridge
- TR-6500FC Filter Cover
- TR-641N Single Station Battery Charger
- BT-926 High Temperature Breathing Tube Cover

2 | Assemblies



Build the system that works for you with the assembly option. Start by choosing one of the four popular assemblies to get the belt, battery and breathing tube combination you need. Customize your system by choosing the headtop, cartridge or filter, and battery charger. With the versatility the Versaflo family of products offers, finding a solution that is right for you is easy.

	TR-613	TR-614	TR-616	TR-617
TR-602 Motor/Blower	■	■	■	■
TR-630 Standard Battery	■	■		
TR-632 High Capacity Battery			■	■
BT-30 Length Adjusting Breathing Tube	■	■	■	■
TR-626 High Durability Belt	■		■	
TR-627 Easy Clean Belt		■		■
TR-971 Airflow Indicator	■	■	■	■

3 | Total Customization

If you need full customization or replacement, back-up or additional components for your PAPR system, you can purchase all components separately, including:

Headtops | Breathing Tubes | Blowers | Belts | Batteries | Charging Stations | Filters and Cartridges | Filter Covers | Prefilters | Spark Arrestors | Cleaning and Protective Accessories | Airflow Indicators

See back cover for a full list of components.

3M™ Versaflo™ Components

Headtops



3M™ Versaflo™ S-Series Hoods and Headcovers	3M™ Versaflo™ M-Series Faceshields, Hard Hats and Helmets
S-Series Integrated Suspension Headcovers	M-100 Series Faceshields
S-Series Integrated Suspension Hoods	M-300 Series Hard Hats
S-Series Premium Suspension Hoods	M-400 Series Helmets

Filters



Filters/Cartridges	Description
TR-6320N	3M™ Versaflo™ Acid Gas/HE Cartridge
TR-6350N	3M™ Versaflo™ Formaldehyde/HE Cartridge
TR-6360N	3M™ Versaflo™ Ammonia/Methylamine/HE Cartridge
TR-6510N	3M™ Versaflo™ Organic Vapor/HE Cartridge
TR-6530N	3M™ Versaflo™ Organic Vapor/Acid Gas/HE Cartridge
TR-6590N	3M™ Versaflo™ Multi-Gas/HE Cartridge
TR-6710N	3M™ Versaflo™ High Efficiency Filter
TR-6820N	3M™ Versaflo™ HE and Nuisance OV/AG Filter

Breathing Tubes



Breathing Tubes	Description
BT-20	Breathing Tube
BT-30	Length Adjusting Breathing Tube
BT-40	Heavy Duty Breathing Tube

Batteries



Batteries	Chargers
TR-630 Standard Battery	TR-641N Single Station Battery Charger Kit
TR-632 High Capacity Batteries	TR-644N 4-Station Battery Charger Kit

Belts



Belts	Belt Extenders
TR-626 High Durability Belt	TR-626X High Durability Belt Extender
TR-627 Easy Clean Belt	TR-627X Easy Clean Belt Extender

Accessories



Accessories	
TR-6600 Prefilter	BPK-01 Backpack
TR-662 Spark Arrestor	TR-655 Backpack Adaptor
TR-653 Cleaning and Storage Plugs	TR-329 Suspenders

To find out how you can expand your world of comfort with the 3M™ Versaflo™ Powered Air Purifying Respirator TR-600, contact us at 3M.com/Versaflo.

⚠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 proper use, see packaging instructions, supervisor, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

For More Information

In U.S.

Technical Assistance	1-800-243-4630
Hours of Operation:	8:00 a.m. – 4:30 p.m. CST
Customer Care Center	1-800-328-1667
Hours of Operation:	7:00 a.m. – 5:00 p.m. CST
Internet	3M.com/PPESafety 3M.com/Versaflo

In Canada

Technical Assistance	1-800-267-4414
Hours of Operation:	8:00 a.m. – 4:30 p.m. EST
Customer Care	1-800-364-3577
Hours of Operation:	7:30 a.m. – 6:00 p.m. EST
Internet	3M.ca/safety

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