

3M Personal Safety Division  
3M™ Versaflo™ Powered Air Purifying Respirator TR-600



# Evolve to TR-600

HEAVY INDUSTRY

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<sup>SM</sup>

**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



## 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

### 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

### 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](http://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](http://3M.com/PPESafety)  
[3M.com/Versaflo](http://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](http://3M.ca/safety)



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