

3M Personal Safety Division

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

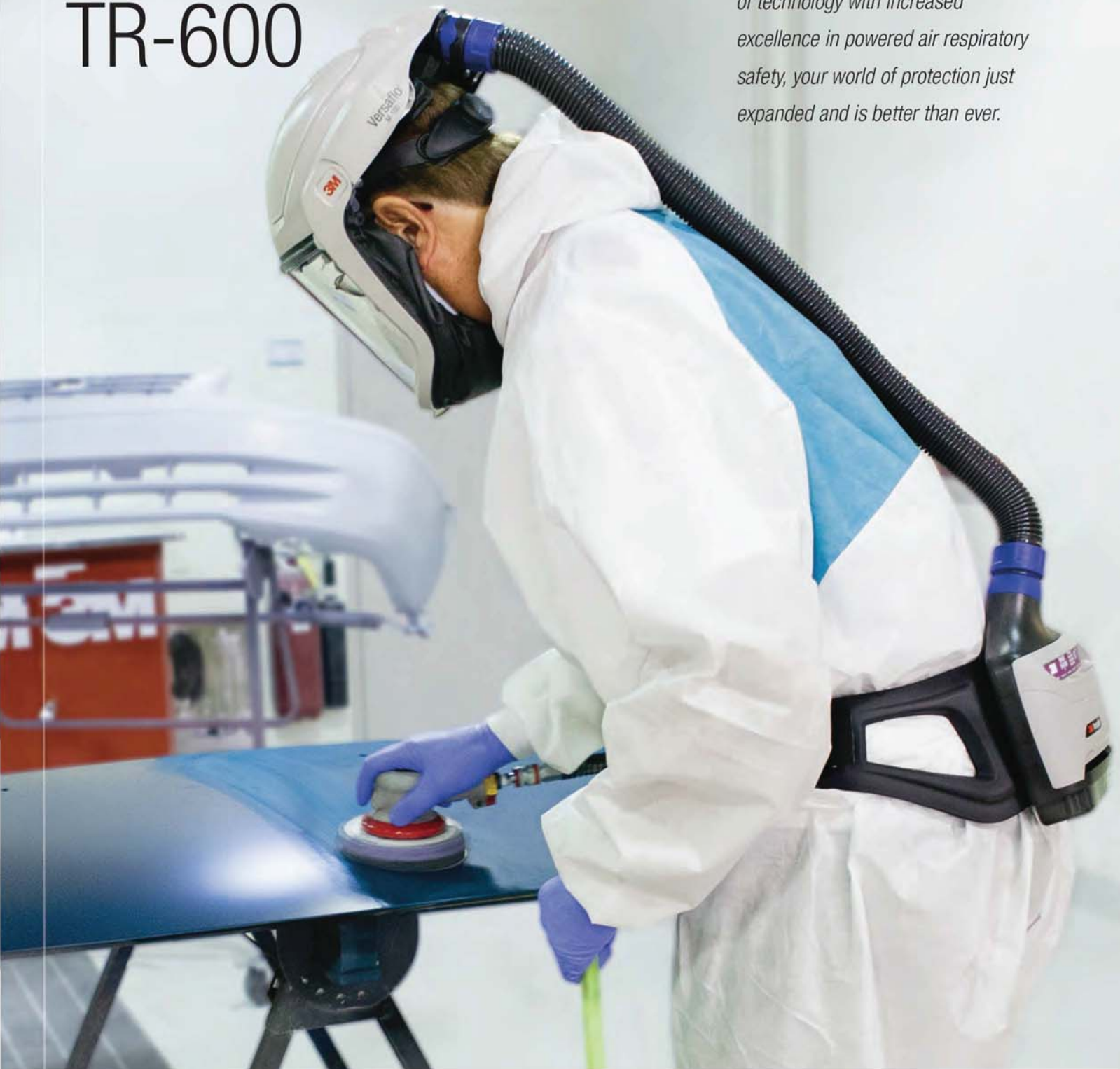
# Evolve to TR-600

The Power to Protect Your World<sup>SM</sup>



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

*The new TR-600 takes the entire Versaflo system to new levels of confidence, control and comfort. Representing an advanced evolution of technology with increased excellence in powered air respiratory safety, your world of protection just expanded and is better than ever.*



## Protection

The evolutionary 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 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, organic vapors and acid gases. All this, with the compatibility of 3M™ Versaflo™ Respirator Systems family of products offering available integrated protection for eye, head, face, skin and respiratory protection.



## Comfort

Our powered air purifying respirator systems are designed to endure heavy use and long wear. Workers need a system that keeps them comfortable and protected for their entire day on the job. The robust, lightweight and ergonomically designed 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 has been thoughtfully engineered for comfort – even for the longest shifts.

- Multiple airflow rate options for user comfort
- Ergonomically designed to fit close to the body and allow for greater movement in tight work spaces
- Multiple belt size adjustments and extenders for proper fit and comfort
- Belt designed with flexible air channels to help minimize heat build-up and provide wide, comfortable support

## Versatility

Since every work environment presents a unique set of needs and challenges, 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 system configuration that meets your prioritized needs addressing comfort, cost and performance.

## 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 performance lasting up to eight hours, TR-600 users have long run time, less charging time and, ultimately, reduced downtime. 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 everything you need to get started – headtop, breathing tube, PAPR and more – all in one convenient purchase. 3M offers two kit options, including an Easy Clean Kit and a Heavy Industry Kit.



### Easy Clean Kit (TR-600-ECK)

For environments where it is critical for the system to be easily cleaned, the Easy Clean Kit (TR-600-ECK) features S-433 Hood Assembly, TR-3710N High Efficiency Particulate Filter, TR-330 Standard Battery



### Heavy Industry Kit (TR-600-HIK)

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-6530N Combination Cartridge (HE/OV/AG), TR-632 High Capacity Battery

*Image shown with optional integrated earmuffs and HE filter.*



## 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 indicators. This robust yet lightweight product, with a smooth surface design, is quick and 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

A fully customized system can be assembled by purchasing components separately, including: Headtops | Breathing Tubes | Blowers | Belts | Batteries | Charging Stations | Filters and Cartridges | Filter Covers | Spark Arrestors | Cleaning and Protective Accessories | Airflow Indicators

*See back cover for a full list of components.*



# Intelligent design

lets wearers focus on the job



Thanks to comprehensive research and an in-depth understanding of user needs, this is the most advanced and versatile powered air solution from 3M yet.

Simply put: It's designed to help make breathing and working easier.

# 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

## Accessories



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

## 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

To find out how you can expand your world of comfort with the 3M™ Versaflo™ Powered Air Purifying Respirator TR-600



### ⚠ 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.