

# 3M™ Versaflo™ Components



## POWERED AIR TURBO



### Powered Air Turbo

<b>TR-302E+</b>	<b>Includes:</b>	TR-971 Air Flow Indicator
		TR-362 Spark Arrestor (x2)

## FILTERS



### Filters

TR-3712E Particle
TR-3802E Particle + Nuisance level organic vapour **
TR-3822E Particle + Nuisance level acid gas (including HF up to 10 x OEL)

### Filter Covers

TR-371+
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\*\*Nuisance Odour refers to concentrations below the occupational exposure limit.

## BATTERIES



### Batteries

TR-330 Standard Battery
TR-332 High Capacity Battery

## CHARGERS



### Chargers

TR-341E Single Station Battery Charger Kit
TR-344E 4-Station Battery Charger Kit

## BELTS



### Belts

TR-325 Standard Belt
TR-326 Leather Belt
TR-327 Easy Clean Belt

## SPARES & ACCESSORIES



### Spares & Accessories

TR-971 Airflow Indicator	BPK-01 Backpack
TR-3600 Pre-Filter	TR-329 Braces
TR-362 Spark Arrestor	

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**3M** Science.  
Applied to Life.™

Lightweight & slim design -  
delivering a world  
of comfort to you.

The balanced and compact 3M™ Versaflo™ TR-300+ Powered Air Respirator is the key to easy-to-use, versatile, respirator systems for particulate environments.



## Convenient ways to buy.

### Intelligent power

- The economy battery runs continuously for at least 4.5 to 6h, while the high capacity battery runs for at least 9 to 12h (with new filter and new fully charged battery in both cases). Recharging time is less than 3h for the standard battery (less than 3.5 h for the high-capacity battery).
- The lightweight lithium ion battery quickly charges and has no memory effect or heavy metals. It can be easily removed for charging.
- Intelligent chargers help maintain the optimum battery performance and are available in single-battery or four-battery stations.

### Options For Diverse Environments

- Filters: Pre-filter, Particulate filter, Particulate filter that also reduces nuisance-level organic vapours\*, Particulate filter that also provides protection against hydrogen fluoride, with performance up to

10 x Threshold Limit Value (TLV), as well as offering nuisance-level acid gas performance.\*

- For welding and grinding applications, a spark arrestor reduces the risk that sparks and other hot materials will come in contact with the filter and motor.

- Belts: Standard webbing belt, Coated easy-clean belt, Spark-resistant leather belt for heavy-duty applications and braces and a backpack are also available.

- Standard and high-capacity battery.
- Single Charger and 4-Station Battery Charger kit.

- EN12941 TH2/TH3.

### ► 1 Starter Kit

3M™ Versaflo™ Powered Air Starter Kit TR-315E+ includes:

- TR-302E+ Powered Air Turbo
- TR-3712E P Filter
- BT-30 Length Adjusting Breathing Tube

- TR-325 Standard Belt
- TR-332 High Capacity Battery
- TR-341E Single Station Battery Charger
- TR-3600 Pre-Filter (x10)
- TR-971 Airflow Indicator
- TR-362 Spark Arrestor (x2)



### ► 2 Total Customisation

If you need full customisation of your 3M™ Versaflo™ Powered Air Turbo TR-300+ system, you can purchase all components separately (see tables on next page).

\*Nuisance level refers to concentrations below the occupational exposure limit (OEL).

# The New 3M™ Versaflo™ Powered Air Turbo TR-300+

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.

### Lighter & Smaller

The turbo is significantly lighter and thinner than 3M's existing belt-mounted turbo units, with a slim profile designed for use in tight spaces.

The weight of the turbo is only 1135 g (including particulate filter, high-capacity battery and standard belt). It also keeps its light weight close to the user's back, reducing the leverage effect that can cause turbos to feel heavier.

### Straightforward, minimal maintenance

All maintenance can be done by hand.

The battery, filter and pre-filter can all be changed quickly and easily by hand.

- The belt and turbo unit have smooth surfaces with facilitating fast wipe-downs for easier cleaning.
- IP53 rating. Suitable for use in decontamination shower.
- A window on the turbo allows instant identification of the installed filter.
- Durable brushless motor for superior reliability.

### Comfort

Sophisticated electronics keep the factory-calibrated airflow at a nominal 170 l/min, eliminating the need for regular calibration by the user. Even as the battery discharges, or the filter becomes loaded with particulates, the unit delivers a steady flow of air.

The 2 selectable flow rate options - 185l/mn and 205l/mn offer more comfort to the user.

### Simple Yet Comprehensive Controls

The 3M™ Versaflo™ Powered Air Turbo TR-300+ features a user-friendly design with intuitive, coloured interactive touch points, battery charge and particulate filter loading status indicators and audible and visual low-flow and low-battery indicators.

