

3M™ Versaflo™ TR-300 Powered Air Purifying Respirators



Comfort Simplicity
Versatility

Protection from Particles

The all-new, lightweight 3M™ Versaflo™ TR-300 Powered Air Purifying Respirator is the key to easy-to-use, versatile respirator systems for particulate environments. With its compact, well-balanced and slim design, the Versaflo TR-300 powered air respirator is the answer to respiratory protection needs for many users.

The TR-300 is available with a flexible range of headgear — from lightweight hoods to industrial helmets that can provide head, eye and face protection.

3M.com/Versaflo



3M™ Versaflo™ TR-300 Powered Air Purifying Respirators

Lighter and Smaller

The Versaflo™ TR-300 PAPR is significantly lighter and thinner than 3M's existing belt-mounted PAPR units. It also keeps its light weight close to the user's back, reducing the leverage effect that can cause PAPRs to feel heavier. The slim profile is designed for use in tight spaces, and its smooth, contoured outer surfaces are less prone to snagging on nearby objects.



Easy to Use



- Simple, one-button operation.
- Two types of alarms — one audible and one LED — alert the user to either a low battery or low airflow, such as when a particle filter is fully loaded.

Straightforward Maintenance

- The battery and filter can be changed quickly and easily by hand.
- The belt and blower unit have smooth outer surfaces, facilitating fast wipe downs for easier cleaning.



Reliable Protection

- Sophisticated electronics keep the factory-calibrated airflow at a nominal 190 LPM (6.7 CFM).

Intelligent Power



- The lightweight lithium ion battery quickly charges and has no memory effect or heavy metals.
- Intelligent chargers help maintain the optimum battery performance and are available in single-station or four-station configurations.

Designed for Optimal Usability

- The air inlet design helps make sitting possible without compromising the airflow intake.
- A window on the filter cover allows easy identification of the installed filter.
- LED lights on the battery itself indicate its charge status on and off the charger.
- Intuitive user interface — blue components represent user interface points (i.e. power button, filter cover, battery release).
- Available with backpack option.



Technical Specifications	TR-332 High Capacity Battery	TR-330 Economy Battery
Battery Life (with new filter and fully charged battery)	8-12 hours*	4-6 hours*
Charging Time	<3.5 hours	<3.0 hours
Flow Rate	Nominal 190 LPM (6.7 CFM)	Nominal 190 LPM (6.7 CFM)
Weight (includes belt, filter, battery, and filter cover)	Approx. 2.4 lbs (1077 g)	Approx. 2.0 lbs (918 g)
Size	Approx. 7 7/8 x 8 1/4 x 3 3/8 inches (197 x 210 x 85 mm)	Approx. 7 7/8 x 7 1/2 x 3 3/8 inches (197 x 190 x 85 mm)
Operating Altitude	Approx. sea level to 2,600ft (800m). For altitudes above 2,600ft, contact 3M.	
OSHA Assigned Protection Factor (APF)	APF of 25 or 1000 depending on the headgear combination	

*Estimated system run time based on testing with a new battery and a new clean filter at 68° F (20° C). Actual system run time may be extended or shortened depending on system configuration and environment.

3M™ Versaflo™ Systems are Easy to Select

Finding the TR-300 system that is right for you is easy. Choose a complete PAPR assembly or create your own assembly from the product list below. For an even easier way to purchase a complete Versaflo™ respirator system, see the list of complete system kits on the back.

TR-300 SERIES PARTICULATE PAPRS

Order a Complete TR-300 PAPR Assembly:

TR-305N PAPR with Standard Belt and Economy Battery

Contains a TR-302N PAPR Unit, TR-325 belt, TR-330 battery, TR-341N battery charger kit, TR-3710N HE filter, and a TR-3600 prefilter.

TR-306N PAPR with High Durability Belt and High Capacity Battery

Contains a TR-302N PAPR Unit, TR-326 belt, TR-332 battery, TR-341N battery charger kit, TR-3710N HE filter, and TR-362 spark arrester/prefilter.

TR-307N PAPR with Easy Clean Belt and High Capacity Battery (pictured)

Contains a TR-302N PAPR Unit, TR-327 belt, TR-332 battery, TR-341N battery charger kit, TR-3710N HE filter, and a TR-3600 prefilter.

OR Create a Customized PAPR Assembly:

TR-302N PAPR Unit

The TR-302N PAPR unit consists only of the PAPR unit, filter cover and airflow indicator, allowing you to choose components from the list below:

- One of 4 belt/backpack options
- One of 2 battery options
- Single-station or 4-station battery charger

A complete TR-300 PAPR system also requires headgear and a breathing tube. See your 3M Sales Representative or visit www.3M.com/Versaflo for more information.

Product No.	Description
TR-300 Series PAPRS	
TR-302N	3M™ Versaflo™ PAPR Unit, 1/case
TR-305N	3M™ Versaflo™ PAPR Assembly with Standard Belt and Economy Battery, 1/case
TR-306N	3M™ Versaflo™ PAPR Assembly with High Durability Belt and High Capacity Battery, 1/case
TR-307N	3M™ Versaflo™ PAPR Assembly with Easy Clean Belt and High Capacity Battery, 1/case

TR-300 Parts and Accessories	
BPK-01	3M™ Backpack for Versaflo™ TR-300 PAPR, 1/case
TR-325	3M™ Standard Belt for Versaflo™ TR-300 PAPR, 1/case
TR-326	3M™ High Durability Belt for Versaflo™ TR-300 PAPR, 1/case
TR-327	3M™ Easy Clean Belt for Versaflo™ TR-300 PAPR, 1/case
TR-329	3M™ Suspenders for Versaflo™ TR-300 and Speedglas™ TR-300-SG PAPR, 1/case
TR-330	3M™ Economy Battery for Versaflo™ TR-300 PAPR, 1/case
TR-332	3M™ High Capacity Battery for Versaflo™ TR-300 PAPR, 1/case
TR-341N	3M™ Single Station Battery Charger Kit for Versaflo™ TR-300 PAPR, 1/case

Product No.	Description
TR-300 Parts and Accessories (continued)	
TR-344N	3M™ 4-Station Battery Charger Kit for Versaflo™ TR-300 PAPR, 1/case
TR-370	3M™ Filter Cover for Versaflo™ TR-300 PAPR, 1/case
TR-3600	3M™ Prefilter for Versaflo™ TR-300 PAPR, 100/case
TR-362	3M™ Spark Arrester/Prefilter for Versaflo™ TR-300 PAPR, 2/case
TR-3710N-5	3M™ High Efficiency (HE) Filter for Versaflo™ TR-300 PAPR, 5/case
TR-3710N-40	3M™ High Efficiency (HE) Filter for Versaflo™ TR-300 PAPR, 40/case
TR-970	3M™ Airflow Indicator for Versaflo™ TR-300 PAPR, 1/case

TR-300 Charger Kit Replacement Parts	
TR-340	3M™ Battery Charger Cradle for Versaflo™ TR-300 PAPR, 1/case
TR-941N	3M™ Single Station Power Supply for Versaflo™ TR-300 PAPR, 1/case
TR-944N	3M™ 4-Station Power Supply for Versaflo™ TR-300 PAPR, 1/case

3M™ Versaflo™ TR-300 Series Complete System Kits

Build your own Versaflo™ system or choose from one of our complete system kits. These kits offer the convenience of a complete system tailored to your application—all in one box.

EASY CLEAN PAPR KIT



TR-300-ECK

Perfect for many pharmaceutical, healthcare, and food and beverage applications, the TR-300-ECK Kit includes an S-655 Hood, a TR-307N PAPR with Easy Clean Belt, and a BT-30 Breathing Tube. A battery charger, TR-3710N filter and prefilter are included as part of the TR-307N.

HEAVY INDUSTRY PAPR KIT



TR-300-HIK

A complete particulate PAPR system for industrial applications where combined respiratory, head, eye and face protection is required or desired. Includes an M-307 Respiratory Hard Hat[†], a TR-306N PAPR with High Durability Leather Belt, and a BT-40 Heavy Duty Breathing Tube. A battery charger, TR-3710N filter, and TR-362 spark arrestor/prefilter are included as part of the TR-306N.

[†]ANSI Z89.1-2003 Type I Class G

HEADCOVER PAPR KIT



TR-300-HKS (Small Headcover Kit) TR-300-HKL (Large Headcover Kit)

The easiest way to select a complete system for hospital, healthcare, and pharmaceutical applications where an S-133, APF 25 Headcover is preferred. Includes an S-133 Headcover, a TR-307N PAPR with Easy Clean Belt, a BT-30 Breathing Tube, charger, TR-3710N filter and a storage bag. Available in two sizes: Small/Medium and Medium/Large.



Available from



SAFETYQUIP™
The safety professionals!



⚠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 OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.