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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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## 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](http://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                                   |
|--|---|--|
| <b>Battery Life</b> (with new filter and fully charged battery)  | 8-12 hours*   | 4-6 hours*   |
| <b>Charging Time</b>   | <3.5 hours  | <3.0 hours   |
| <b>Flow Rate</b>   | Nominal 190 LPM (6.7 CFM)   | Nominal 190 LPM (6.7 CFM)                                |
| <b>Weight</b> (includes belt, filter, battery, and filter cover) | Approx. 2.4 lbs (1077 g)  | Approx. 2.0 lbs (918 g)                                  |
| <b>Size</b>  | 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) |
| <b>Operating Altitude</b>  | Approx. sea level to 2,600ft (800m). For altitudes above 2,600ft, contact 3M. |  |
| <b>OSHA Assigned Protection Factor (APF)</b>                     | 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](http://www.3M.com/Versaflo) for more information.

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

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

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

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



Scan to learn more or request a product demo.

Download reader @ <http://get.beetag.com>.

## 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<br>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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### ⚠ 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.