

# Quick Start Guide: TR-300+

NOTE: This sheet supplements, but does not replace, *User Instructions*. Always read and follow *User Instructions*.

Below is a summary of steps to follow each time a 3M<sup>™</sup> Versaflo<sup>™</sup> TR-300+ Powered Air Purifying Respirator (PAPR) is worn.





#### WARNING

This product is part of a system that helps reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand the *User Instructions*. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of 29CFR1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in injury, sickness or death.** For correct use, consult supervisor and *User Instructions*, or call 3M Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.





# Quick Start Guide: TR-300+

NOTE: This sheet supplements, but does not replace, *User Instructions*. Always read and follow *User Instructions*.

The following is designed to be a Quick Start Guide for reference purposes only. Before using the TR-300+ PAPR, all users must read and understand the product *User Instructions*. If you have questions, consult your supervisor or call 3M Technical Service at 1-800-243-4630 (USA) or 1-800-267-4414 (Canada).





This product is part of a system that helps reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand the *User Instructions*. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of 29CFR1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in injury, sickness or death.** For correct use, consult supervisor and *User Instructions*, or call 3M Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

## 1. Inspect the TR-300+ PAPR system

If parts are missing or damaged, replace only with 3M TR-300+ replacement parts before proceeding.

- Motor/blower. Inspect for cracks, holes, damage to user interface panel.
- Battery pack. Confirm battery pack case is intact. Confirm battery pack charge is sufficient for duration of the work period by pressing the TEST button on the battery pack.
- Breathing tube. Examine breathing tube for tears, holes or cracks. Bend the tube to verify that it is flexible. Ensure the o-rings located at both ends of the breathing tube are present and intact.
- High Efficiency (HE) filter. Inspect filter and gasket for dirt, tears, cuts, distortion or indentations. Replace HE filter if any damage is noted or suspected. The HE filter should not be stored long-term in the motor/blower unit.
- Headgear. Inspect the hood or headcover for tears, cuts, loose stitching, cracks, discoloration or other signs of damage.

## 2. Assembly and flow check for TR-300+ PAPR system

- Attach battery pack to bottom of motor/blower. Pack will secure with a distinct click. Ensure proper battery engagement (tug battery pack to confirm).
- Place the HE filter into the cover. Install the filter and cover in the motor/blower and confirm cover latch is secure. Cover latches with a distinct click. Filter label must be visible in cover window.
- Attach blower to belt or backpack.

#### Perform flow check (daily)

- Insert air flow indicator into the outlet on the TR-300+ motor/blower unit.
- Start motor/blower. Run for 15 to 30 seconds.
- With the airflow indicator in a vertical position, bottom of the floating ball must be at, or above, the minimum flow mark specified for your environment. If not above minimum mark, respirator system must not be used until evaluated and repaired.
- Remove air flow indicator and perform low flow alarm test per TR-300+ User Instructions.
- Insert the end of the breathing tube with the two small prongs into slots in the motor/blower air outlet. Twist the breathing tube ¼ turn to the right to lock.
- Connect breathing tube to hood/headcover.
  - Push the slotted end (4 slots) of the BE-224 series breathing tube into the connector in the rear of the BE-10 hood or BE-12 headcover until it snaps into place.

## 3. Don TR-300+ PAPR system

- Use belt or backpack to attach PAPR to wearer.
- Pull headgear over head and adjust. Pull face seal under chin. Facial hair must not interfere with face seal.

#### 4. Post Use

- Exit work area.
- Turn off motor/blower by pressing and holding blue on/off button.
- Remove the PAPR system making sure to follow workplace procedures so as not to expose yourself to contaminants on unit.
- Clean PAPR following practices established by your employer.
- Charge battery if needed.

**Personal Safety Division** 

3M Center, Building 235-2W-70 St. Paul, MN 55144-1000

3M PSD products are occupational use only.

Technical Service: 1-800-243-4630 Customer Service: 1-800-328-1667 3M.com/workersafety

In Canada
Technical Service: 1-800-267-4414
Customer Service: 1-800-364-3577
3M.ca/Safety

© 3M 2018. All rights reserved. 3M and Versaflo are trademarks of of 3M Company and its affiliates. Used under license in Canada. All other trademarks are property of their respective owners. Please recycle.

