



3M Versaflo TR-300+ Powered Air Purifying Respirator (PAPR) Particulates Only (not for chemical use)

- New PAPR Request:** Go to Environmental Health & Safety (EH&S) office located in HSC, Level 1, Rm 059 to access PAPR and initial training. Complete PAPR sign out form in “Available PAPR binder”; leave form in office.

- Inspection/Pre-Use:** Review user instruction manuals and Trouble Shooting Guide. *Only use if you have been trained in the use of a PAPR.*
 - Inspect all PAPR components (motor/blower, battery pack, high efficiency particulate filter, and filter cover, belt, head cover, black breathing tube and breathing tube protective sleeve) for any visible damage or if missing.
 - Write your name on the head cover with a black marker. A marker is in the PAPR storage container.
 - **Check battery life** by pressing “TEST” button on bottom of battery. If 3 or more power bars light (40-60% charged), use PAPR. If less than 3 bars, charge battery (~3.5 hours) or replace battery.
 - Attach battery to motor/blower by hooking hinged end into holder on bottom of blower and pushing latch side of battery pack until it clicks.
 - **Conduct the airflow check.**
 - Ensure the filter is properly installed. If the breathing tube is attached, remove it.
 - Insert the airflow indicator into the outlet on the blower unit. Make sure the float ball moves freely in the tube and the gasket at the bottom end of the tube is in place.
 - Turn on the blower unit (blue button on top) and run for up to 1 minute until air flow stabilizes.
 - Tilt the blower unit so airflow indicator is vertical.
 - Bottom of the floating ball must rest at or above the “E” line.
 - Turn off blower and remove the air flow indicator.
 - **Conduct low flow alarm check.** Place your palm over the outlet of the motor/blower. In less than 30 seconds, the low flow alarm will sound and the filter loading/low flow indicator will flash red.
 - If any inspection/pre-use steps fail, do not use and contact EH&S (4-6783).

- PAPR Use:**
 - Attach breathing tube end with two prongs to motor/blower and twist to the right. Attach other end of breathing tube to the head cover.
 - **Turn on unit by pressing blue button on top.** Battery indicator shows charge status of battery pack; filter indicator shows remaining filter capacity; and flow level indicates standard or high flow. If any of these **indicators are low or RED, DO NOT USE.**
 - Unit starts in standard air flow (1 green LED light). Press blue button twice quickly for high air flow (2 green LED lights).
 - **Don PAPR:** Buckle the belt around the waist and adjust belt as needed.
 - **Don Head Cover:** If large hood worn, tuck inner shroud of the hood into scrubs/lab coat; outer shroud can be worn over scrubs/lab coat. **Blower remains outside of clothes and PPE**, resting on the small of your back.
 - **Battery can operate for 8-12 hours with a full charge**, less time when high air flow is used. PAPR has an audible low flow (filter loading) alarm and low battery alarm.



Quick User Instructions

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- **Low Battery:** When low battery alarm sounds, charge battery or contact EH&S for new battery.
- **Low Airflow:** When low airflow alarm sounds, turn off and contact EH&S for new filter.
- After use, **turn off by holding blue button for 2 seconds.**

Cleaning/Disinfecting PAPR after Each Use:

- If head cover or breathing tube protective sleeve are heavily soiled or damaged, discard.
- For gross contamination, dampen soft cloth with warm water/mild detergent and wipe down.
- Wear nitrile gloves and thoroughly disinfect PAPR components with hospital approved disinfectant wipes.
- Rinse with clean cloth dampened with fresh water, air dry, and place into storage container.

Battery Pack Charging/Storage:

- Charge battery pack and store in a well-ventilated clean area (optimal temperature 68-77°F). Keep filter attached to blower when stored.
- Charge battery pack at end of each day's use, even if battery is not fully discharged to prolong battery life.
- To charge battery pack, set front end down into charger and the click into place. **When only the green LED light is lit on charger, battery pack is fully charged.**
- To remove battery pack from charger, press blue release tab.
- For short term storage (less than 2 weeks) battery pack can remain attached to blower. For long term storage, remove battery pack from blower.

Replacement Parts:

- Replace filter when damaged/wet, low flow alarm check fails, low airflow alarm sounds, or when expired. Filter expiration date is located on the top of the filter.
- Batteries, replacement head covers, filters, and breathing tube protective sleeves are available from EH&S. Off hours, contact Security at 4-2825 to access supplies in EH&S office.

Returning PAPR to EH&S, if applicable:

- Clean/disinfect PAPR components and head cover, as noted above.
- Maintain head cover marked with your name, in plastic bag, in your dept or with EH&S.
- Complete PAPR return form found in "Deployed PAPR binder" in EH&S Office.

For assistance or additional information:

Environmental Health and Safety website: <https://ehs.stonybrook.edu//programs/healthcare-safety/respiratory-protection>

3M website (User Instructions and Videos): https://www.3m.com/3M/en_US/medical-us/healthcare-professionals/medical-respiratory/respiratory-protection-products/air-purifying-respirators/