

3M™ Ford Limited-Use Public Health Emergency (PHE) PAPR Instructions

NOTICE

This is a PHE Particulate Filtering Respirator, which the U.S. National Institute for Occupational Safety and Health (NIOSH) has approved as a Limited PHE PAPR.

The U.S. Food and Drug Administration (FDA) has likewise authorized the emergency use of this PAPR System only in healthcare settings by healthcare personnel when used in accordance with U.S. Centers for Disease Control and Prevention (CDC) recommendations to help prevent wearer exposure to pathogenic biological airborne particulates during respirator shortages resulting from the Coronavirus Disease (COVID-19) Outbreak.

This PAPR System is intended to be used only during the declared PHE associated with the novel coronavirus (SARS-CoV-2) that causes COVID-19, and only by appropriately trained and supervised healthcare personnel.

Ford 3M Important Notice USA1-5821-AA



Inspect the PAPR components (motor/blower, breathing tube, battery, airflow indicator, belts/tabs, head gear, shoulder strap, foam block) to ensure that no parts are missing or damaged. Note the HEPA filter is **NOT** replaceable.



Charge the battery in the battery charger cradle prior to use. Ensure the battery clicks into place. The cradle will indicate the status of the battery charge. A red blinking light indicates the battery is charging. A continuous red light means charging is complete.



Install the belt by sliding the strap through the retaining slots at the back side of the motor/blower. Install the optional shoulder harness following the same path as the belt (it should overlay the belt). Adjust the shoulder harness to position the buckle in a comfortable and accessible location. Attach the sliders to the straps as keepers for extra strap length.



Open battery compartment door on the motor/blower, releasing both latching tabs one at a time and gently pulling out the battery adapter.

Install the foam block, if not already in place, onto the bottom surface inside the battery compartment when the PAPR is in an upright position (as shown).



Attach the battery to the battery adapter.



Place battery and adapter into the battery compartment, then close and latch the battery compartment door.

There are two battery capacity options:
 3Ah: 4-6 hour run time (1.5 hours to recharge)
 5Ah: 8-10 hour run time (2.5 hours to recharge)



Attach the air flow indicator to the motor/blower, making sure the air flow indicator is seated completely.



Turn the motor/blower ON by pressing the button on the bottom of the unit.



If the bottom of the float ball does not rest at or above the minimum flow mark, **DO NOT USE** the PAPR. Try another sufficiently charged battery. If the air flow is still below the minimum mark, contact your supervisor and remove the PAPR from service.

After 1 minute has passed, hold the motor/blower so that the air flow indicator is at eye level and in a vertical position.

Ensure the bottom of the float ball rests at, or above, the minimum flow mark on the air flow indicator.

Remove the air flow indicator before proceeding.



Attach the end of the breathing tube labeled "to blower" to the outlet on the blower by lining up the notches and pressing until a "click" is heard.

Give the breathing tube a slight tug to ensure it is firmly attached.



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The PHE PAPR has a yellow hood with a single shroud. Connect the breathing tube to the hood by pressing the tube onto the connection portal until a "click" is heard.

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The PHE PAPR assembly is larger and heavier than the standard PAPRs used at Duke. The use of a solid surface or observer to don the PAPR is recommended.

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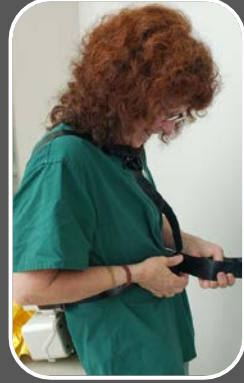


With the blower running, secure the PAPR to the body by using a table or other flat surface to rest the blower on during donning. If an observer is present, have the observer assist with holding the PAPR.

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Connect the waist belt around the torso at the belt line. If available, attach the shoulder harness (optional) cross body over one shoulder. Adjust the straps for a snug fit.

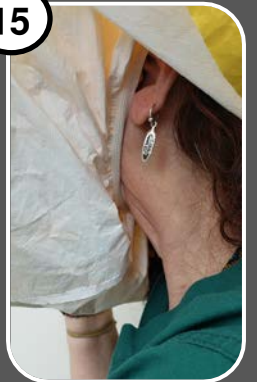


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Follow instructions for donning the hood with a single shroud found on page 4, "Donning Loose-Fitting Headgear for PAPRs | (Inpatient/Outpatient)", of the "Combined PAPR Instructions" document*.

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Ensure the elastic of the headgear stays in front of the ears.

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To avoid air flow restriction, ensure the breathing tube is routed to avoid kinks (as shown).

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Don the gown and tuck it underneath the PAPR assembly. **⚠ DO NOT COVER the PHE PAPR with the gown!** The gown can be sucked onto the air intake, blocking and restricting air flow!



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⚠ Regardless of the type of gown used, do not cover the PHE PAPR!

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Ensure additional PPE is in place before starting work tasks.

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Follow "Doffing and Disinfection Instructions" for shrouded hoods (pages 6 & 8) of the "Combined PAPR Instructions" document* upon completion of work tasks.

* Found on the COVID-19 Document Library website: <https://covid-19.dukehealth.org/documents/papr-instructions-donning-doffing-and-disinfection-combined>
For questions regarding PAPR use, contact the Occupational and Environmental Safety Office at 919-684-2794.