

Donning and Doffing a PAPR

COVID-19 Checklist 4/7/20

Preparation/Before Use	
1.	Remove personal items: rings, earrings, watch, cell phone, secure hair back
2.	Inspect equipment for punctures, cracks, and general wear. If there are any concerns return unit and obtain another unit. <ul style="list-style-type: none">a. Motor/Blower, Battery Charge, Breathing Tube, Belt, Headgear
3.	Filter/cartridge should be installed into the blower unit. <ul style="list-style-type: none">a. You can visualize the filter by looking at the front of the unit where you should see the 3M band toward the top.b. If using a Bullard unit, the filter cartridge will be locked into blower beltc. If you do not see this return to (area indicated by your facility) and obtain another unit.
4.	If the battery is not attached, you would need to install this before turning the unit on. <ul style="list-style-type: none">a. 3M-first note on the bottom of the battery a test button. Push that and make sure all the indicator lights light up. Then locate the contact points and line these up. Starting at the contact end put the battery in at an angle and engage the side of the unit. Lift battery to unit and you should hear a click on the opposite end when the snap hooks onto the unit.b. Bullard-insert battery until it clicks into place
5.	Turn the unit on. <ul style="list-style-type: none">a. 3M- It will now go through an automated self-check. Self-check takes about 30 seconds and when it is completed the lights will go out except for the airflow light.<ul style="list-style-type: none">i. Next to the on button is another button that controls the airflow. Level of airflow is noted by the 3 step lights next to this button.ii. Next to the airflow light is the battery power indicator which looks like a battery. Lights indicate battery charge level. A red light associated with an audible and vibratory alarm indicates the user should get another battery or unit.iii. Next to the battery power indicator is the filter load indicator. As contaminates load the filter lights will decrease and blower fan speed increases as the pressure drop increases. This alarm will have a visual red light along with an audible and vibratory alarm indicating that the filter needs to be changed and the person should immediately exit the room.b. Bullard- Disconnect charging cord, and connect cap to charging port, unit will not turn on if the port is not plugged. Turn unit on with switch.
6.	3M -When the self-check is completed let the unit run another 30 seconds to stabilize the flow , then check the flow output. Flow is determined by temperature and elevation using the nomogram attached to the flow device. For most Aspirus locations the F/G level will be correct but always double check the nomogram. <ul style="list-style-type: none">a. 3M & Bullard- Make sure the ball in the flow tube moves freely and that the black gasket at the bottom of the tube is in place.b. 3M & Bullard -Insert the flow tube into the outflow port by pushing the end with the black rubber gasket into the outflow port. Unit will need to be tilted slightly so that the flow tube is in a vertical position. Ball should be at or above the minimum flow mark for the letter representing your zone as indicated by the nomogram. If orange ball is below the proper zone double check to make sure the flow tube is seated tight. If that is ok and ball remains below proper level return unit to (area indicated by your facility) and get a different unit.
7.	Remove the airflow indicator and check the low flow alarm. 3M & Bullard -Place your hand tightly over the outflow port. Motor should speed up trying to compensate for flow change. In less than 30 seconds the unit will sound an audible. <ul style="list-style-type: none">a. 3M - Vibratory alarm and the bottom bar of the filter loading/low flow indicator will flash red. Once alarm goes off take your hand off and the alarms should go off in less than 30 seconds.

Application of PPE

When applying PAPR, use a second person for observation of proper donning technique

8. Perform hand hygiene using alcohol hand rub technique until completely dry
9. Attach the breathing tube to the outflow port using the pin end. Push in and turn until the tube feels securely in place.
10. Attach other end of breathing tube to the headgear. **3M** -Push headgear attachment into the breathing tube until you hear it click. **Bullard** – Turn tube to secure. Pull on the tube to make sure it is securely attached.
11. With the help of another individual place unit on the small of your back with the breathing tube up. Adjust waist strap as needed.
12. Place headgear over your head and adjust to comfort as needed by adjusting inside plastic frame. Ensure cover is secure.
13. Don isolation gown, tie at neck and waist
14. Don gloves
15. Observer **verify**
 - a. Gown, Gloves, PAPR applied correctly in working order
 - b. Ask staff person to extend arms, bend at waist, reach across body with enough range of motion while remaining covered, unobstructed view in hood, to ensure PPE and PAPR are comfortable and safe for movement.

While Wearing PAPR

16. If at any time an alarm goes off or you experience any problems such as airflow decreasing, breathing difficulties, impaired vision, etc. exit the isolation area immediately.
 - a. Fully charged battery run time per manufacture specifications. Charge when not in use.

Exiting Contaminated Area

17. Doff Gloves
18. Perform Hand Hygiene using alcohol-based hand rub if their hands are not visibly soiled, but a breach in glove such as a tear would require soap and water
19. Doff Gown, dispose in the proper receptacle in a manner to minimize contamination of personal clothing
20. Perform Hand Hygiene using alcohol-based hand rub technique
21. Don Gloves
22. While the system is still together and running conduct a general wipe down with a cleaning solution/wipe
 - a. This action occurs in ante room of COVID-co-horted patients
23. Doff Gloves and perform hand hygiene using alcohol-based hand rub technique
24. Don Gloves
25. Exit the isolation area
26. Reach behind to disconnect hose from headgear and turn off unit
27. Take the headgear off by placing fingers under the edges of face shield or hood and pull up and back from your head. Place headgear in designated dirty location.
28. Doff Gloves and Perform Hand Hygiene using alcohol-based hand rub technique
29. Don Gloves
30. Take unit off waist and place on/in designated dirty location.
 - a. Wipe all parts down with a hospital recommended disinfectant. Leave battery on unit while wiping down unless visibly solid. If battery must be removed to clean avoid contact points on battery and blower unit.
 - b. Charge battery
31. Doff Gloves and perform hand hygiene using alcohol-based hand rub technique
32. When completely done with PAPR and unit has been cleaned return all parts to (area designated by your facility) for storage.