



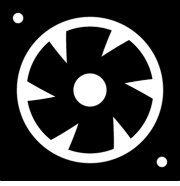












Standard operating procedure (SOP) for PeRSo 3.0 Powered Air Purifying Respirator Preparation for use



BEFORE USE		
1.		Before first use, familiarise yourself with your PeRSo 3.0 respirator. Watch the training video to ensure you know how to check, use and decontaminate the respirator correctly.
2.		Install the belt onto the respirator blower unit: Remove the release buckle on the belt. Remove the fastening belt from the two belt loops. Pass the belt through the two belt loops. Position the Velcro between the two belt loops. Put the buckle back on and attach the harness. Connect the respirator tubing to the blower unit, twisting it clockwise to lock its position.
3.		Before each use, check the battery is fully charged. The battery indicator on the display screen shows all four bars when fully charged. The battery lasts for 8 hours . It must be re-charged when the low battery alarm rings. Charge time is 3-4 hours.
4.		The respirator has a High Efficiency Particulate Air (HEPA) filter, which is expected to last for one year. The display screen shows the condition of the filter. It will indicate when the filter needs to be changed.
5.		Before each use, perform an air flow test : Insert flowmeter at the top of tube (hood end) and hold in a vertical position. Switch respirator on and allow it to reach the correct air flow speed of 170 l/min . The air flow is sufficient if the marble reaches the minimum flow level. IF THE MARBLE CANNOT REACH THE MINIMUM FLOW LEVEL DO NOT USE THE RESPIRATOR. It will need to be checked by the Clinical Engineering Department.
6.		Before each use, perform an air flow alarm test : Put your hand over the top of the tube (hood end) and wait for around 15 seconds for the alarm to sound. IF THE ALARM DOES NOT SOUND, DO NOT USE THE RESPIRATOR. It will need to be checked by the Clinical Engineering Department.
7.		Connect the air tube to the respirator hood, twisting it clockwise to lock its position.

YOUR PeRSo 3.0 RESPIRATOR IS NOW READY FOR USE

Standard operating procedure (SOP) for PerSo 3.0 Powered Air Purifying Respirator Steps for donning (putting on) Personal Protective Equipment (PPE)









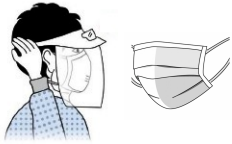
DONNING: This is a 2-person procedure and must be done with a buddy in the donning area	
1.	 <p>Before you begin, make sure you are well-hydrated.</p>
2.	 <p>Ensure your hair is tied back (if long).</p>
3.	 <p>Clean hands using alcohol hand rub (both healthcare worker and buddy).</p>
4.	 <p>Turn respirator on and check flow rate is set at 170 l/min. Perform air flow tests if not already done.</p>
5.	 <p>Put on harness and fasten belt at front, adjusting for comfort.</p>
6.	 <p>Put on hood and adjust for comfort. Adjust cape to cover neck and shoulders – your buddy can help with this.</p>









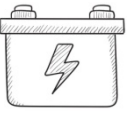

Gown		Apron	
7.	 <p>Put on long-sleeved, fluid repellent gown (if needed). Buddy to tie at back of neck, underneath respirator hose outlet.</p>	7.	 <p>Put on plastic apron (if needed). You will need to break or stretch the neck tie to get it over the hood.</p>
<p>Tie at back of waist, ensuring the respirator is not obstructed – your buddy can help with this. The hood sits over the top of the gown.</p>		<p>Tie at back of waist, ensuring the ties do not obstruct the respirator – your buddy can help with this. The hood sits over the top of the apron.</p>	

8.	 <p>Clean hands using alcohol hand rub.</p>
9.	 <p>Put on gloves when indicated (immediately before commencing procedure). Ensure cuff of gown (if used) is covered by cuff of glove.</p>

YOU ARE NOW READY TO LEAVE THE DONNING AREA

Standard operating procedure (SOP) for PerSo 3.0 Powered Air Purifying Respirator Steps for doffing (taking off) Personal Protective Equipment (PPE)

DOFFING: This is a 2-person procedure and must be done with a buddy in doffing area		
1.		Buddy cleans hands using alcohol hand rub.
2.		Buddy puts on their own PPE: apron, gloves, surgical mask and eye protection (if required, based on risk assessment).
3.		Health care worker (HCW) removes gloves (and apron if worn on top of gown) and disposes as clinical waste (orange bag).
4.		HCW cleans hands using alcohol hand rub.
5.		Buddy decontaminates respirator hood using Clinell universal (green) sanitising wipes, starting with the front section (most contaminated area). Use one wipe for the front, then additional wipes for the remainder of the hood (top, sides and back).
6.		Buddy removes HCW's gown (if worn), slowly peeling off and folding inside out, then disposing as clinical waste (orange bag).
7.		Buddy removes own gloves and apron.
8.		Buddy cleans hands using alcohol hand rub.
9.		Buddy removes own eye protection (if worn) and surgical mask , disposing of mask as clinical waste (orange bag).

DOFFING (continued from page 1):		
10.		HCW undoes front clasp of harness, ready for removal.
11.		HCW applies clean gloves.
12.		HCW removes respirator hood carefully, avoiding contact with face by grasping hood on the outside (top of head), pulling it forward (away from face) then to the side (as the tubing allows). HCW removes harness and passes to buddy, or places on designated surface.
13.		HCW turns off the respirator system.
14.		Buddy passes HCW the Clinell universal (green) sanitising wipes to decontaminate the respirator hood, harness and battery pack.
15.		HCW removes gloves and cleans hands using alcohol hand rub or liquid soap and water.
16.		Buddy cleans hands using alcohol hand rub or liquid soap and water.
17.		Once dry, put respirator in its designated storage bag .
18.		Place battery into charger at the end of each period of use.
19.		HCW cleans hands using alcohol hand rub.

YOU ARE NOW READY TO LEAVE THE DOFFING AREA