

Below are just-in-time instructions for the Honeywell North Primair PA700 Series PAPR and the PA101 disposable head cover. This information was pulled from the Operating and Maintenance Instruction Manuals which are available online. Facilities should refer to these manufacturer guidelines prior to formal training, additional information, and troubleshooting. Failure to follow instructions or remove malfunctioning/damaged components from service may result in illness, injury, or death.

NOTE:

Per OSHA and CSA standards, respirators with loose fitting head covers are not required to be fit tested and seal checks are not performed prior to entering a contaminated atmosphere. If your facility chooses to use these respirators with a tight fitting face piece fit testing and seal checks are required.

CAUTION:

These PAPRs are NOT rated for chemical decontamination or exposure but are intended for use with biological pathogens. EHPC staff should be notified whenever these PAPRs are used for patient care or if there are any use questions.

PRE-USE INSTRUCTIONS

1. Ensure the battery is charged before each use	
	
2. Attach the blower unit to the harness. Align the attachment keys on the blower to the three keyholes on the belt's attachment plate	3. Slide the blower unit towards the narrow end of the keyholes until you feel and hear a "click"
	
4. Snap on the optional comfort pad by firmly pressing the four male and female snaps together	5. Install the battery pack. Place the blower unit on a flat surface. Take the battery pack in your hand with the latch button facing down



6. Slide the battery into the side of the blower until the battery clicks and locks in place. To remove, grip while pressing the latch button until the battery disengages



7. Verify you have the correct filter by reviewing the information on the label. Verify the filter has a gasket installed and that the gasket is not damaged



8. Insert the filter evenly into the filter pocket. Lock the filter by turning it clockwise 90 degrees until you hear a "click" and filter icons are aligned. Filter should sit level with the top of the blower unit. Filters cannot be overtightened



9. If additional tightening torque is required for filter installation, it is recommended to grip and rotate the filter in the manner depicted above. Cartridges may fit tightly when new



10. Install the optional filter cover. With the battery on the left side, the Honeywell logo should be on the top



11. Insert the breathing tube blower-side connector to the red port on the top of the blower by lining up the posts on the connector with the notches in the port



12. Lock the breathing tube by rotating the connector clockwise 90 degrees until it locks in place. Once installed, pull gently on the hose connector to verify it is secure



13. Ensure the filter is installed and the headpiece is NOT connected. Press and hold the round power button for 3 seconds until the unit begins its power-on sequence. LED lights should flash and the unit will emit an audible beep and vibrate



14. Insert the free end of the breathing tube into the flow indicator as shown above. Keep the flow indicator level and ensure the ball is above the line marked 6 cfm (170 lpm)





15. Adjust the headgear by turning the ratchet counter-clockwise to open to its full position. Put headgear on and turn ratchet until you have a snug, comfortable fit





16. If further adjustment is needed, adjust the depth of head gear by squeezing arrows on center strap. For headgear to lie lower, pull straps apart. For headgear to lie higher, push straps together



17. If further adjustment is needed, release the two straps from the yellow locking pin and move straps and align to desired Small, Medium, or Large holes and snap them back into the locking pin. Tuck ends of strap back under yellow air duct attachment

	
<p>18. Slip head cover over headgear. The top opening in the head cover will go over the yellow hose connector on the air duct. Pull yellow hose connector through head cover. Elastic strap should be placed under the ratchet. Snap head cover onto the headgear. Remove protective lens covers (inside and outside) of the head cover before using the respirator</p>	<p>19. Connect the breathing tube to the air duct connector and twisting it clockwise until it locks. Once installed, pull gently on the hose connector to verify it is secure</p>

PRE-ENTRY PROCEDURES

<p>1. Inspect each component prior to each use (e.g.: fraying material, cracking in breathing tube, all valves are present and in good condition etc.). Respirators with damage should not be used</p>	
	
<p>2. After completing the pre-use instructions, position the blower on your back at a comfortable height above your waist</p>	<p>3. Snap the buckles together at the front of your waist. Tighten the belt by pulling on the two free ends on either side of the belt. Tighten until the PAPR is snug around your waist. Ensure the belt is not twisted or caught in garments. Use clips on belt to retain excess strap material</p>



4. If not already done, turn PAPR on by pressing the round power button for 3 seconds until the unit begins its power-on sequence. LED lights should flash, the unit will emit an audible beep and vibrate

5. With the breathing hose connected, slip the headgear over your head with the elastic area under your chin. Tighten the headgear ratchet to a snug and comfortable fit if necessary. There should be no gaps between head cover and face. Readjust headgear if gaps are present

DURING USE INSTRUCTIONS

1. Immediately leave the work area and/or replace the respirator if:

Breathing becomes difficult, dizziness or distress occurs, you smell, taste or sense irritation from the contaminants in the work area, the respirator becomes damaged, the airflow into the facepiece or head cover decreases significantly or stops

2. Filter and battery service life will vary based on factors such as temperature, humidity, air flow rate, and the type of facepiece. Low battery alarm will trigger if internal temp of battery reaches or exceeds 120°F

3. Be aware of PAPR alarms:

ALARM TRIGGER	AUDIBLE ALARM	VIBRATORY ALARM	VISUAL ALARM
30 minutes run-time remaining (min.)	3 short beeps initially; 1 beep every 30 seconds thereafter	1 vibration every 30 seconds	Single glowing red battery LED
15 minutes run-time remaining (min.)	3 short beeps every 10 seconds	1 vibration every 10 seconds	Single blinking red battery LED
Reduced air-flow below required minimum	1 short beep every second	1 vibration every 30 seconds	Blinking red flow-level and caution LEDs

4. Users can manually increase the airflow rate by momentarily pressing the square air-flow button. The PAPR will emit a series of beeps and the air-flow display will change according to the level selected. A higher rate of air flow does not necessarily increase protection factor

REMOVING PAPR INSTRUCTIONS



1. Turn off PAPR by pressing and holding the power button for 3 seconds until the unit emits a beep and powers down



2. To take off the headgear, loosen the headgear ratchet and remove



3. Unbuckle the harness and carefully remove the assembly. It is recommended that you loosen the adjustable harness straps before storing, to make donning easier





4. Remove filter by rotating counter-clockwise. If at end of filter life discard via local and EPA regulations. If filter can be reused, place in re-sealable container



5. Remove the battery from blower. Grip battery while pressing latch button and pull battery out



6. Remove blower assembly from harness. Lift up on latch in center of harness and slide the blower toward the open end of keyholes

	
<p>7. Disconnect breathing tube by rotating the blower side connector counter-clockwise 90 degrees until it releases</p>	<p>8. The included PA101 head covers are disposable and should be discarded after use</p>

CLEANING AND STORAGE INSTRUCTIONS

<p>1. Facilities should follow their infection control/infectious disease guidance in cleaning PAPRs. Infection control should review manufacturer guidelines prior to providing guidance (below are important notes, manufacturer guidelines provide more detailed step by step instructions)</p>
<p>2. Do not use bleach or any compound containing chlorine</p>
<p>3. Never submerge battery during cleaning. Only use non-conductive cleaning tools and materials and avoid battery connector contacts</p>
<p>4. If the breathing tube is submerged during cleaning, connect to blower and battery and blow air through it for several minutes to remove trace amounts of water</p>
<p>5. OSHA requires that all respirators are stored in a clean, dry environment away from any contaminants. You may store PAPR in a re-sealable container or bag. Additional storage details including temperature ranges are located in manufacturer guidelines</p>