

1

Pre-Operational Inspection

Before each entry into a contaminated area, the following inspection must be performed to ensure the proper function of the respiratory system.
If the damage is found on any component, do not use it.

1. PAPR System

- Closely inspect the entire PAPR system including the filter/cartridge, battery pack, hood, and breathing tube. Pay attention to component connection points for wear and damage. If parts are missing or damaged, replace them with only EVA Powered Air-Purifying Respirator (PAPR) system replacement parts before proceeding.

2. Filter / Cartridge

- Inspect the filter/cartridge for physical damage.
- Check the label to ensure the filter/cartridge has not exceeded its “use-by” date.
- Inspect the gasket on the filter for physical damage.
- Ensure that the correct filter/cartridge is appropriate for the contaminated area.

3. Battery Pack

- Inspect the battery pack for any physical damage.
- Check the Fuel Gauge to determine sufficient charge is available.
- The battery pack must be latched to the blower. The battery tab will click when completely engaged.

4. Hood

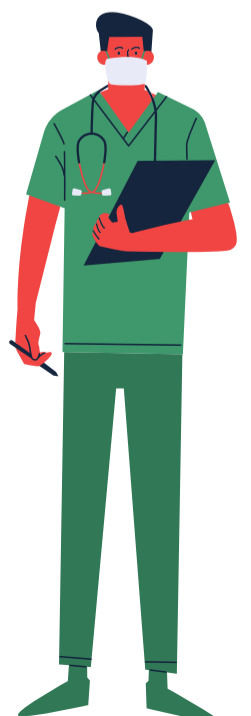
- Inspect the hood or facepiece for any physical damage.

5. Breathing Tube

- Ensure that a rubber gasket is in the breathing tube coupler on the blower unit.
- Examine the breathing tube for tears, holes, or cracks.
- The breathing tube should screw securely into the air source connection and the loose-fitting hood.

6. Airflow check

- The EVA Powered Air-Purifying Respirator (PAPR) system is precalibrated to ensure required airflow. However, the Airflow Indicator must be used to verify minimum required airflow is attained before each day's use. The airflow should be checked with your current filter/cartridge installed.
- See Checking Airflow with Airflow Indicator under Operational Instructions for the correct operation of the airflow check.



2 Setup and Getting Started



Important:

Perform a Pre-Operational Inspection prior to use.
See section Pre-operational Inspection.

Battery Charging and Installation

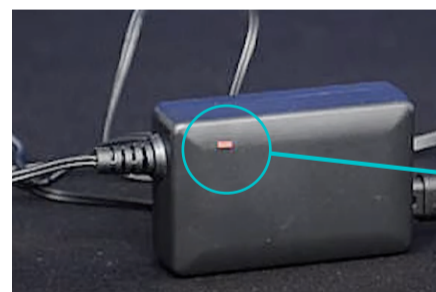
Read Battery Fuel Gauge



When fully charged all four LEDs will illuminate green, and when 25% or less charge is available a single LED will illuminate red.



Charging



 **Charging**
 **Complete**

Battery Installation and Removal



Insert the battery pack into the battery compartment on the blower unit.
The battery tab will click when completely engaged.



To remove the battery pack from the blower unit, press the battery release on the battery pack and pull the pack up and out.



2 Setup and Getting Started



Important:

Perform a Pre-Operational Inspection prior to use.
See section Pre-operational Inspection.

Belt Assembly



Filter Installation



Connecting the Breathing Tube



Airflow Test with Airflow Indicator



Airflow indicator must be in an upright, vertical position for an accurate measurement.



Do not use a blower unit that fails the airflow test. Failure to observe this warning could result in death or serious injury.



3 Donning

Prepare to don the blower, battery, and hood in a safe, hazard-free area.
Prior to entering a contaminated area, complete the Pre-Operational Inspection

RT Series Hood



Inspect the hood



Insert breathing tube
12cm into the hood



Buckle the belt
onto the waist



Tuck inner bib of hood
into the protective clothing



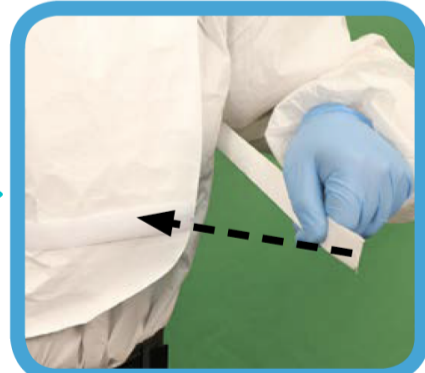
Turn the blower on



Pull outer bib over the
protective clothing.



Neck
Cuff



Scan the QR code and watch the video.



4 Operating Instructions

Prepare to don the blower, battery, and hood in a safe, hazard-free area.
Prior to entering a contaminated area, complete the Pre-Operational Inspection

One button for three operating settings



Press and hold for 2 seconds.
Power on at the high-speed setting.



Press and hold for 2 seconds.
Toggle between low-speed and high-speed setting.



Press and hold for 4 seconds.
Power off.

Understanding Alarms

Low Battery Alarm



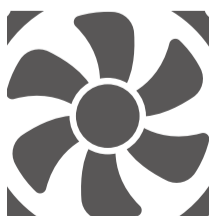
15 minutes of remaining battery capacity



High Temperature and Low Flow Alarm



The blower unit is designed to shut down if operating temperatures reach 50°C and sound an audible alarm.



The Low Flow Alarm will sound a continuous electronic beep indicating that the flow to the hood has dropped below the designed specification of 185 L/min (6.5 CFM).

