

Quick Reference Guide

3M Breathe Easy Turbo Powered Air Purifying Respirator (PAPR) for Decontamination Operations

Description:

The 3M Breathe Easy Turbo Powered Air Purifying Respirator (PAPR) is a belt mounted blower/filtration unit. This PAPR is intended to provide respiratory protection against certain particulates, organic vapors, acid gases and other inorganic gases. This equipment is **not** intended for use in atmospheres where **oxygen concentration is below 19.5%; where concentrations of contaminants are: unknown; immediately dangerous to life or health (IDLH); exceed applicable local standards or OSHA standards for maximum use concentrations for the PAPR, whichever is lower.**

The components of this PAPR are:

- Turbo PAPR blower unit
- Approved respirator headpiece
- Breathing tube and clamp assembly
- Battery pack
- Battery charger
- Flow meter
- Appropriate filter/cartridge/canister

Donning and Doffing:

Training will be conducted on site at each hospital. Although self-donning and doffing is possible, we recommend that each wearer utilize a “buddy” to help. **Always** don and doff the PAPR in an uncontaminated area.

User Performance Check

After assembly (see user manual) and prior to each work shift, check for adequate airflow as follows:

1. With the breathing tube disconnected from the blower unit and the system running, insert the base of the flow meter in the blower unit outlet. Keep the blower unit and the flow meter vertical.
2. Check that the center of the float rests at or above 6 cfm.
3. Verify that the headpiece is connected to the blower/filtration unit and that air is flowing before donning the headpiece.

Cleaning and Inspection:

- After decontamination and termination of use, handle the hood with care as residual contamination may be present.
- Decontaminate the hood per hospital protocol. Water and standard nonabrasive decontamination cleaners will clean the material of the hood.
- Wipe the PAPR blower unit and battery pack with a mild cleaning solution. Do not immerse the battery pack or blower unit.
- Inspect all components of the PAPR and let the equipment air dry before storing.

Storage:

Store the PAPR at room temperature in a dry area that is protected from exposure to hazardous elements.

Other:

The butyl rubber hood contains natural rubber latex which may cause allergic reactions in some people. Consult the user manual and Standard Operations Guideline for assembly, air flow check and battery recharging instructions.

This guide is intended as a quick reference only. Receivers/users assume all responsibility for the proper maintenance and use of this equipment. This guide is not intended as a substitute for manufacturer provided reference materials and user instructions. This guide is available upon request from SMRRC.