

Quick Reference Guide

Scott Proflow 3 PAPR, Biologic/Gas/Vapor

Description:

The Scott Proflow 3 Powered Air Purifying Respirator (PAPR) is a respirator that uses a blower to pass contaminated air through an element (filter/cartridge) that removes contaminants and supplies purified air to the user. This PAPR is acceptable for use against gas or vapor contaminants. The user must determine the contaminant present and its specific levels in order to select the correct cartridge and determine that sufficient protection is being provided. Determining the levels of contaminants will identify the time period before breakthrough results. This is the point where the user is no longer sufficiently protected and must leave the contaminated area.

This equipment is **not** intended for use in atmospheres which are or may become **immediately dangerous to life or health (IDLH)**, in **high temperature environments** or when the **identity and/or concentration of the contaminant are unknown**.

The major components of the PAPR are:

- Blower Unit with Battery
- Filter Cartridges
- Breathing Tube
- Butyl Hood

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.

Maintenance:

- After decontamination and termination of use, handle hood with care, as residual contaminant may be present.
- Decontaminate hood per hospital protocol. Water and standard nonabrasive decontamination cleaners will clean the material of the hood.
- Allow hood to dry completely before storage.
- Clean removable headband with a mild soap or detergent.
- Clean and disinfect the blower unit after each use.
- Remove and dispose of used air filtration elements per hospital protocol.
- Disconnect the breathing tube from the blower unit.
- Wash the blower assembly with a mild detergent and soft cloth. **Do not immerse.**
- Clean the breathing tube and filter connection with a soft brush.

Storage:

Store the respirator in a clean dry area in 50 - 80° F temperature range.

Other:

The digital display will indicate Battery and Air Flow status.

1. Battery status **C9** to **C7** indicates that battery charge is **sufficient**. **C0** indicates that the battery charge **nearly exhausted** and the user should **leave** the contaminated area. When there are 5-10 minutes of operation remaining, the display will blink C0 and an alarm will sound every 30 seconds.
2. Air flow status **F9** to **F3** indicates the **standard range** of efficiency for blower. **F0** indicates that the blower efficiency has decreased **below acceptable levels** and the user should **leave** the contaminated area. The display will blink F0 and an alarm will sound every 2 seconds.

Consult the user manual for assembly, and battery charging and replacement instructions.

This guide is intended as a quick reference only. Receiver/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.