

## Quick Reference Guide

### **Global Secure CF 60 Powered-Air Purifying Respirator (PAPR), Biologic**

#### **Description:**

The Global Secure CF 60 Powered-Air Purifying Respirator (PAPR) is intended for use to protect wearers against airborne communicable infectious diseases. Each PAPR is an integrated system with a hood, breathing tube, blower, HEPA (High Efficiency Particulate Air) filter system, belt and battery. The battery-powered motor-blower constantly draws air from the atmosphere. Air passes through the HEPA filter through the breathing tube and into the hood for inhalation. Each user receives a flow of filtered air. Exhaled air leaves the hood around the top and the chin seal. These PAPRs are latex free.

#### **Assembly:**

1. Attach the filter-blower unit to the support belt by unsnapping the support harness loops, positioning the belt, and snapping the support harness back in place.
2. Attach the charged battery pack to the support belt by threading the belt through the loop on the back of the battery pack.
3. Plug the cord from the battery pack into the cord from the motor-blower unit to activate the blower. Airflow should be immediate.
4. Test the airflow by holding the airflow indicator over the blower outlet tube. The indicator ball should rise to or above the "MIN" indicator on the tube.
5. Ensure chin seal is centered and hook loop fastener is properly attached to face shield.
6. Attach the breathing tube to the head piece by pushing the hose over the inlet and securing with clamp.
7. Attach the other end of the breathing tube to the outlet tube on the motor-blower and secure with clamp.

#### **Donning and Doffing:**

Training will be conducted on site at the hospitals. Although self-donning and doffing is possible, we recommend that each wearer utilize a "buddy" to help.

#### **Maintenance:**

- Charge the battery pack for **14-16 hours** before use. If the battery pack is accepting the charge, the red LED on the battery charger will be illuminated.
- Discharge the battery completely every **2 months** by operating the motor-blower for at least **5-10 hours** and recharge it for a full **14-16 hours**. Record battery full discharge and recharge cycle in maintenance log.
- As an alternative to the rechargeable battery, you may purchase disposable **alkaline D-Cell** power battery packs directly from the vendor.
- The cotton components must be cleaned per hospital protocol after **each** use.
- The PAPR should be cleaned per hospital protocol after **each** use.  
Do **not** use alcohol, solvents or harsh detergents.

#### **Storage:**

The respirator should be stored only after a proper cleaning. Make sure that the battery pack is fully charged. The fully charged battery will hold up to 90% of its charge for 2 weeks. After 2 weeks of being dormant, place back on charger to ensure 100% charge. Store the respirator and battery pack at normal room temperature and out of direct sunlight.

**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.**