**EBA 6.5**
High autonomy self-rescuer mask

**Product description**

The EBA 6.5 uses compressed oxygen as a source rather than generating oxygen from chemicals. The oxygen level indicated on the gauge is always visible for inspection through the clear, tamper-proof sealed case. The apparatus can be refurbished for a service life of up to 15 years and provides a lower cost per year of service than any other unit.

Oxygen from the breathing bag is inhaled through the inhalation tube and the mouthpiece. Breathed air is exhaled through the mouthpiece into the CO₂ scrubber. The air enters the breathing bag and is mixed with oxygen from the oxygen cylinder via the demand regulator.

The EBA 6.5 is a highly reliable breathing apparatus tested in life-threatening situations throughout the world. It provides over 90 minutes of oxygen to its user during a typical mine escape - up to 8 hours of oxygen at rest - a performance that exceeds all MSHA and NIOSH standards. (Oxygen delivery ranges from 1.5 l/min constant flow up to 100 l/min demand flow.)

**The EBA 6.5 assets**

- **Long-lasting** – over 90 minutes of oxygen in demand mode; up to eight hours in conservation mode.
- **Easy to operate** – turning the valve on activates the system; turning it off allows oxygen conservation.
- **Quick to don** – can be put on and be fully operational in 15 seconds or less
- **Lightweight** – donned weight 4.17 kg and compact - 21.6 cm x 30 cm x 11.4 cm
- **Easy to inspect** – simple visual inspection confirms that unit is ready to use

**Technical specifications**

- **Certifications / Certification Numbers / Certified Duration:**
  - MSHA/NIOSH: TC-13F-104 = 60 minutes
  - Republic of South Africa (applicable standard):
    - AZ 2009/02 SANS 53794: 2007 = 90 minutes
  - Australia (applicable standard):
    - SMKH21694 AS/NZS 1716:2003 = 90 minutes
    - CE CE 0194/EN 13794:2002 = 90 minutes
  - Performance duration: 110 minutes
- **Rest duration:** 8 hours
- **Time to don/activate:** 15 seconds, or less
- **Total weight:**
  - 9.2 lbs (4.17 kg) with aluminum cylinder
  - 8.2 lbs (3.72 kg) with composite cylinder
- **Donned weight:**
  - 8.0 lbs (3.63 kg) with aluminum cylinder
  - 7.0 lbs (3.17 kg) with composite cylinder
- **Dimensions:** 8.5" x 11.8" x 4.5" (21.6 cm x 30 cm x 11.4 cm)
- **Storage temperature range:** 10° F to 140° F (-12° C to 60° C)
- **Liters of available oxygen:** 157
- **Repair/refurbish after use:** Yes
- **NIOSH service life:** 15 Years
- **Oxygen delivery system:**
  - Compressed oxygen - On/off valve
  - Constant flow/demand regulated
  - Cylinder pressure 3000 psi (207 Bars)
- **CO₂ Scrubbing material:** Lithium hydroxide
- **Inspection:** Visual