

▶ EBA 6.5

High autonomy self-rescuer mask

High 90 minutes
autonomy



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

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

