



PERSONAL
PROTECTIVE
EQUIPMENT



**SABRE
ELSA**

EMERGENCY LIFE
SUPPORT APPARATUS

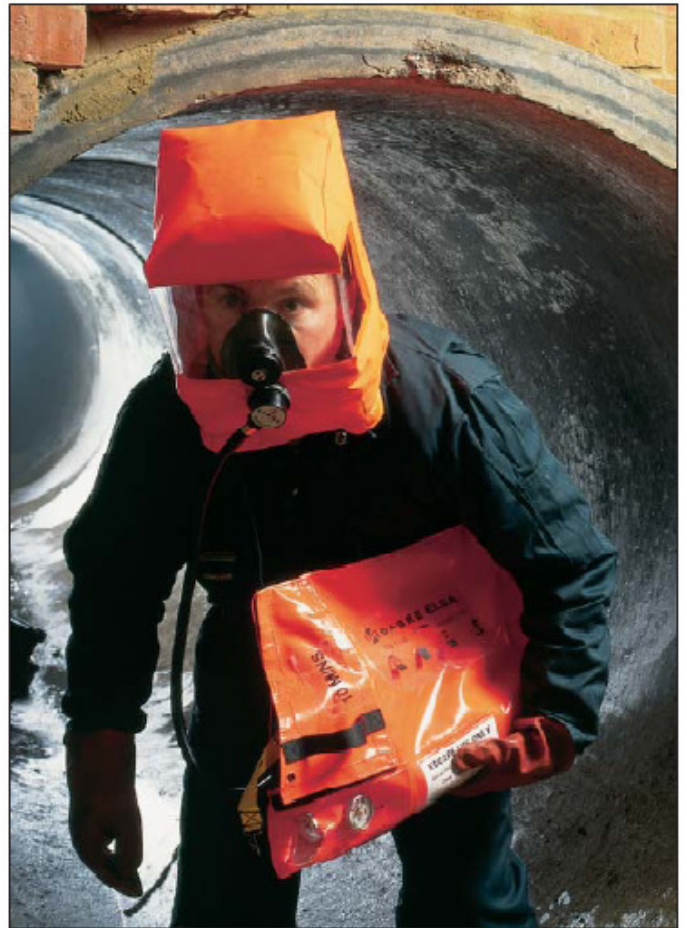


SABRE ELSA

Sabre have been manufacturing breathing apparatus for over 25 years – one of their original concepts being the ELSA constant flow escape breathing apparatus.

The new ELSA is the third generation version of this popular product, originally designed in 1982. This latest version reflects the original concept due to its simplicity and robustness combined with performance to the latest European Standard EN1146.

The ELSA reflects Sabre's stated philosophy of producing products which customers wear by choice, not just necessity.



ELSA FEATURES

The Sabre ELSA comprises a compressed air cylinder with combined cylinder and pressure reducing valve, supply hose to air hood and stowage bag.

The new, unique hood design provides new levels of comfort and peripheral vision. The new valve design incorporates some of the best design features from the Sabre range of the breathing apparatus for new levels of performance and reliability.

The apparatus is available in either 10 or 15 minute durations and is CE marked to EN1146.



INSTANT ACTION

The constant flow air supply is automatically activated upon opening the bag.

A quick release pin is fitted to the pressure reducing valve and attached to the bag via a strap. The action of opening the bag pulls the strap – thus releasing the pin.

PNEUMATIC SYSTEM

The combined cylinder and pressure reducing valve is fitted to the cylinder and features a spring and piston mechanism with fixed orifice outlet. The valve incorporates a pressure indicator and warning whistle which sounds when the designated duration is reached. A pressure relief valve protects the system from over pressurisation. The valve features a G5/8" F standard charging connector outlet to EN144-2.

AIR HOODS

The air hood utilises a unique cuboid design for optimum comfort and visibility.

The three sided flat visor provides excellent peripheral vision with the shape helping to alleviate the feelings of restriction associated

with existing hood designs.

The hood can be easily flat-packed for stowage without creasing the visor whilst allowing rapid removal from the bag for easy donning. The hood is fabricated from PVC coated materials with an ozone resistant elastomeric neckseal.

An inner mask prevents visor misting and minimises CO₂ dead-space.

The hood is available in two versions; a standard type with single PVC coating and an E-Z clean double-coated version.

CYLINDERS

10 minute apparatus utilises a 2.0 litre, 200 bar aluminium

alloy cylinder whereas the 15 minute apparatus uses a 3.0 litre, 200 bar alloy steel cylinder.

Each cylinder provides 400 or 600 litres free air capacity respectively giving a duration in excess of 10 or 15 minutes at a nominal air-flow of 38 litres/minute.

Cylinders are manufactured to EC specification. Other materials/specifications available on request.

WARNING WHISTLE

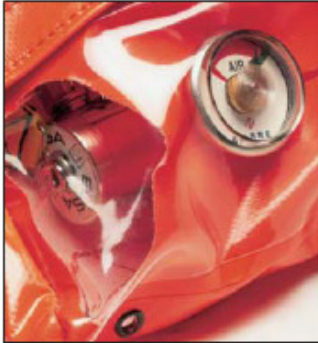
The ELSA features a duration whistle that is activated when the air is depleted, indicating that the CO₂ level within the hood exceeds the performance specification.



THE ELSA BAG

The specially designed bag is fabricated from either a high visibility PVC coated material or an anti-static, black polyurethane material.

The bag allows for quick donning, can be comfortably carried in two orientations and may be



used with an optional waist-belt.

Velcro strips secure the opening with tamperproof tags supplied to prevent unauthorised access.

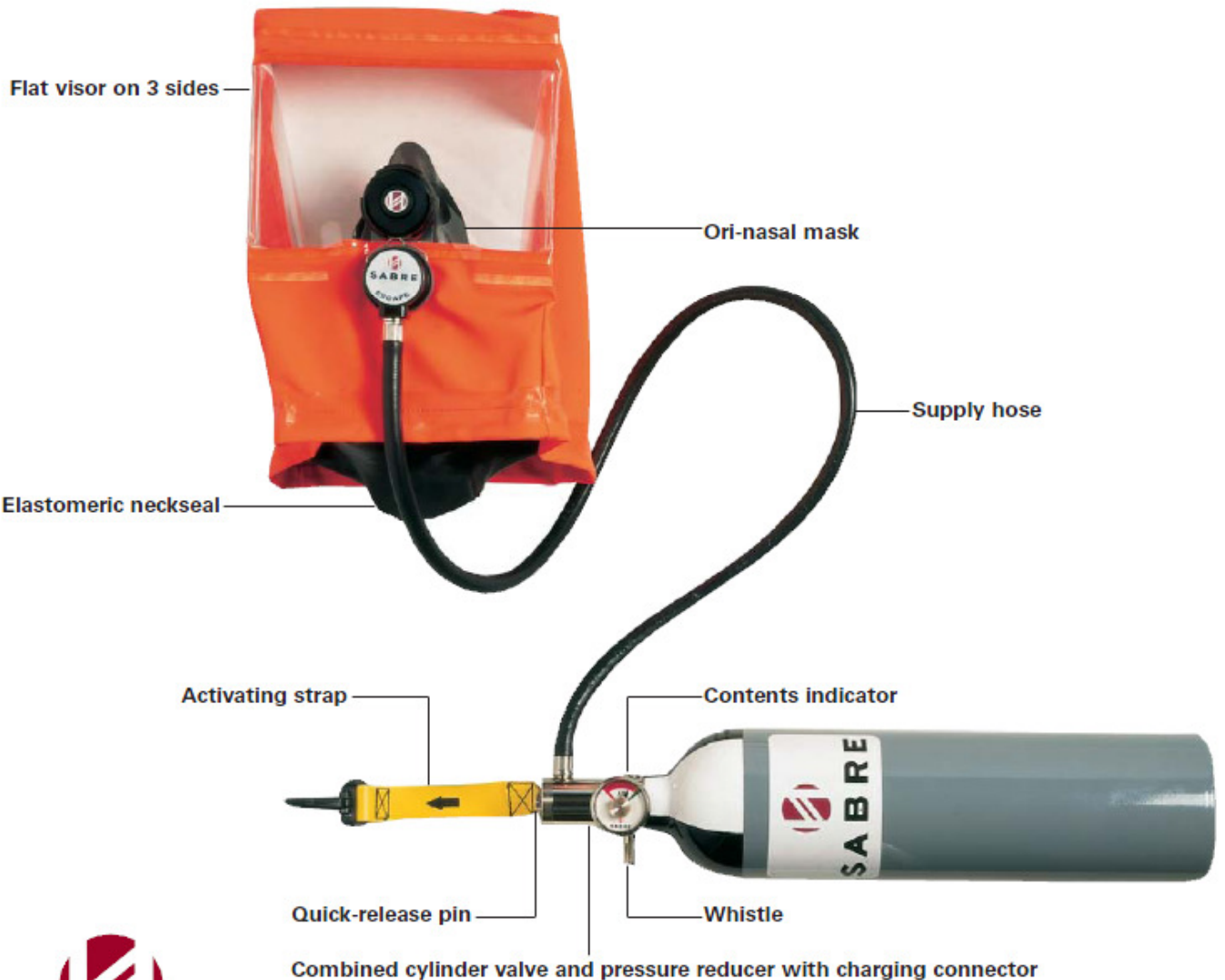
A transparent window is provided to allow the cylinder contents gauge and activation pin to be inspected without opening the bag.

The stowage bag also features an adjustable webbing strap with dual point fixing for versatility.

APPROVALS

The ELSA is CE marked to EN1146 in accordance with EC/686/86. The ELSA is also Lloyd's Marine approved.

All Sabre breathing apparatus are manufactured in accordance with ISO9001: 1987.



SABRE ELSA

THE FIRST NAME IN EMERGENCY
LIFE SUPPORT APPARATUS



SABRE BREATHING APPARATUS

All Sabre respiratory protection equipment is designed to the same exacting standards: to be simple and comfortable to use and robust and easy to maintain. With personal protective equipment experience all over the world, Sabre are *the* respiratory protection specialists.

Self Contained Breathing Apparatus

The Sabre range of SCBA offers first breath or instant positive pressure sets designed to the latest European Standards and combine low cost and simple maintenance with high levels of comfort.

Escape Breathing Apparatus

Out-performing the latest European Standards – the Sabre escape range includes constant flow, positive pressure demand systems and airline escape equipment with durations between 10 and 15 minutes.

Airline Breathing Apparatus

Automatic first breath positive pressure systems and airline escape sets supported by airline trolley units, filter units and accessories.



SABRE SERVICING, AFTER SALES SUPPORT AND TRAINING

All Sabre apparatus are designed to be user serviceable and require the minimum levels of specialist skills or equipment.

A comprehensive programme of after sales support and certified training courses for wearers, instructors and in product maintenance, are available for all Sabre products, from Sabre's head office in the UK, our network of regional support centres, associate companies and international distributors.

Training courses can be organised at the customer's own premises or one of our regional training facilities, and are always tailored to particular individual needs.

Please contact Sabre Technical Support Department or your distributor for more details.

ORDERING DETAILS

ELSA-10-B	10 minute ELSA, standard bag
ELSA-15-B	15 minute ELSA, standard bag
ELSA-10-B-AS	10 minute ELSA, standard bag
ELSA-15-B-AS	15 minute ELSA, standard bag

OPTION

Suffix -EZ	Easy clean head
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QUALITY ASSURANCE



ISO 9001
Certificate No.
FM932



CE Approval
Inspection
Certification



Approved by
Civil Aviation Authority
A1 Reference No.
DAI/9024/86

Lloyd's Register Approved to SOLAS

