



EMERGENCY BREATHING SYSTEM

FOR HALO PASSENGER LIFEJACKET



The Halo passenger lifejacket is available with a fully integrated Emergency Breathing System (EBS). The bespoke Survitec EBS has been designed to be deployed in one swift movement and features a carbon composite cylinder, braided low pressure hose and second stage with integrated nose clip. The bespoke Category A EBS features a mouthpiece integrated with the nose clip. Weighing in at just 949g, the EBS is 43% lighter than previous Survitec models and 30% lighter than competing products. The Civil Aviation Authority CAP 1034 guidelines (Development of a Technical Standard for Emergency Breathing Systems) states that EBS should provide sufficient air supply for 60 seconds of breathing time at a depth down to 2m. With a working pressure of 310 bar, the cylinder provides 80% more breathable air than the industry minimum standard.

The EBS can be supplied with a compressor or refill station as part of the Halo package. If you already have an onsite system already, it must conform and meet the EN12021 standard for breathing air to be suitable for refilling PSTASS and EBS. The EBS is required to have an annual service as per the requirements set within the ETSO and the manufacturer's guidance. For EBS systems used in a training environment, this requirement is accelerated to every 200 uses or annually – whichever comes first. In addition, every 5th year the cylinder is required to undergo a hydrostatic test. Both the Halo lifejacket and EBS also requires daily checks as part of the required servicing methodology to ensure it remains in an action-ready condition.

FEATURES

- CAPACITY TO HOLD 99.2LT OF BREATHABLE AIR - PROVIDING 80% MORE BREATHABLE AIR THAN THE INDUSTRY MINIMUM STANDARD
- READY TO USE - SIMPLY BY PUTTING THE MOUTHPIECE INTO USERS MOUTH AS TRAINED AND BREATHE NORMALLY
- FEATURES COLOUR CODED CONTENTS GAUGE WHICH INDICATES CYLINDER'S PRESSURE
- COMPRESSOR OR REFILL STATION AS PART OF THE HALO PACKAGE
- LIFEJACKET AND EBS MANDATORY TRAINING PROVIDED



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LIFEJACKET TECHNICAL DATA

Newton	275N
Type	Lifejacket
Flotation	Manual inflation
Chambers	Twin
Cover	Nomex
Approvals	European Union Aviation Safety Agency (EASA) approved
Weight	Double (no EBS) 2.78 Kg Single (no EBS) 2.49 Kg

EBS TECHNICAL DATA

Cylinder Type	Composite
Weight (Inc. full cylinder & regulator)	949 g
Volume (breathing)	99.2 L
Working Pressure	310 Bar
Nose Clip	Integrated with soft silicone pads, Offering the widest anthropometric range available on the market for the global market
On/ Off Valve	Tamper proof - allowing system to remain turned on at all times
Gauge	Bar units
Purge Button	Recessed to avoid accidental deployment
Mouthpiece	Silicone bite guard