



DESCRIPTION

Improved Performance over Legacy Systems

The Poseidon NZ line of Compressed Air Emergency Breathing System (CA-EBS) provide the user with improved performance over the legacy systems. These devices are lighter, provide more duration, and have ergonomic features that make their use safer than what is currently fielded to military and civilian customers. Bottles include capacity gauge and On/Off Knob with Red OFF – Green ON.

VERSATILE DESIGN

The bottles are available in either Covert Matte Black or Overt SOLAS Hi-Vis Yellow. There is a choice between composite and aluminum bottles. The bottle dimensions allow it to be used with harnesses and vests that are already carrying similar breathing devices for their users. The regulators can be made to high-visibility or covert requirements.

MAINTAINABILITY

The CA-EBSs from Poseidon NZ have a more streamlined logistics train for maintaining the bottles at the unit level. Customers no longer have to worry about the downtime for their equipment due to maintenance or hydro-static testing. The solution is in how the customer is supported by the distributor. Servicing is 24 months, brings sustainment costs down to 25% of the competitor.

TESTING

Independent testing by National Association of Testing Authorities (NATA) approved labs in compliance:

- CAP1034: Development of a Technical Standard for Emergency Breathing Devices
- prEN4856: Rotorcraft — Emergency Breathing Systems (EBS) — Requirements, Testing and Marking
- EN 250:2014: Respiratory Equipment, Requirements, Testing, and Marking
- System demonstrates as compass safe



PEEBD1206

Pressure: 3000 psi
2nd Stage Reg.: Sherwood
1st Stage Reg: 3000 psi
Hose Length: 20 inches
Cylinder: Aluminum
NSN: 4240-98-208-3743



PEEBD9393

Pressure: 4500 psi
2nd Stage Reg.: Sherwood
1st Stage Reg: 4500 psi
Hose Length: 20 inches
Cylinder: Composite
NSN: 4240-98-208-3744

CLEAR FIRST STAGE VALVE POSITION INDICATIONS



VALVE OPEN



VALVE CLOSED

EASY INTEGRATION AND UNIQUE FEATURES

Designed to Fit Current Cylinder Pockets

Both PEEBD1206 – 3,000psi aluminum cylinder and PEEBD9393 – 4,500psi composite systems offer the same cylinder foot print of 180mm x 50mm cylinders. Using the same size cylinder ensures Users are not faced with Pocket modification to the Life Jacket/Survival Vest systems when upgrading from one system to the other.

Extremely Low Profile 2nd Stage Regulator

Another unique feature for Users is the design of the 2nd Stage Regulator offering an extremely low profile design for attachment to the Life Jacket/Vest. This feature ensuring the regulator taking up less real estate on the life jacket.

Ease of Updating to Higher PSI systems

Other unique features includes a single design 1st Stage regulator for both the 3,000psi and 4,500psi systems. This feature allows for Users currently locked in to 3,000psi systems at a later date to update the system to 4,500psi without the need to replace the entire system – this feature ensures costs savings to the customer and enhanced life of the product.



Unique Swivel Hose Connection with “OFF – ON” Control Knob



PEEBD1206 Pressure Gauge & Filling Connection

CUSTOMER NOT RESPONSIBLE FOR HYDROSTATIC TESTING

At the Five-Year Mark of your Poseidon Bottle Pro Flight Gear provides the customer with an exchange bottle delivered in the shipment container that the old bottle is put in and is prepaid shipped. All the labels and other items provided to keep operations going!



PRICING

Item:	PFG Part Number:	NSN:	Price:
3000 PSI EEBD – Aluminum	PFG-PEEBD-1206	4240-98-208-3743	\$575.00
4500 PSI EEBD – Composite	PFG-PEEBD-9393	4240-98-208-3744	\$900.00
1 st Stage Regulator SPARE PART KIT – Either Bottle	PFG-PEEBD-SpareFirst	NSN Pending	\$21.98
2 nd Stage Regulator SPARE PART KIT – Either Bottle	PFG-PEEBD-SpareSecond	NSN Pending	\$21.98