



Leaders in Aviation and Maritime Life Support Products

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Poseidon™ Flotation Products

LAND

AVIATION

MARINE

EMERGENCY EGRESS BREATHING DEVICE

Model PEEBD9393, Model PEEBD1206, Model PEEBD9372

Technical Data Sheet - 28/6/2016 REV:1.0a

Features:

- i. Low Volume 2nd Stage Regulator, with Purge Button
- ii. Illuminated Colour Coded Capacity Gauge
- iii. On/Off Knob with Red OFF – Green ON indication

Item No.	Specifications:	PEEBD1206	PEEBD9393	PEEBD9372
1	Outer Cylinder Diameter	1.97" - 50mm	1.97" - 50mm	1.97" - 50mm
2	Length of Cylinder	7.1" - 180mm	7.1" - 180mm	7.1" - 180mm
3	Length of Cylinder (including 1 st Stage Regulator)	10.03" - 255mm	10.03" - 255mm	10.03" - 255mm
4	1 st Stage Regulator Diameter	1.4" - 37mm	1.4" - 37mm	1.4" - 37mm
5	Low Pressure Hose connectors	Swivel	Swivel	Swivel
6	1 st Stage Regulator Working Pressure	3,000psi 210 Bar	4,500psi 310 Bar	4,500psi 310 Bar
7	Cylinder Water Capacity	0.22Ltr	0.22Ltr	
8	Cylinder Air Capacity	46.20Ltr	68.20Ltr	
9	Inhalation Effort	1.2 – 1.4 CIW	1.2 – 1.4 CIW	1.2 – 1.4 CIW
10	Exhalation Effort	1.1 CIW	1.1 CIW	1.1 CIW
11	Flow Rate	30 +SCFM	30 +SCFM	30 +SCFM
12	Weight – Total Dry	2.0lbs - 908.1grms	1.79lbs - 815.0grms	
	Construction:			
13	Thread	5/8" – 18UNF – 2A	5/8" – 18UNF – 2A	5/8" – 18UNF – 2A
14	Cylinder Construction	Aluminium	Composite	
15	Weight of Cylinder	0.7lbs - 321grm	0.5lbs - 238grm	
16	2 nd Stage Regulator main housing	ABS Plastic Low Volume	ABS Plastic Low Volume	ABS Plastic Low Volume
17	Filling Port	7/16-20 UNF-2B	½ - 20 – UNF- 2B	
18	Sustainment Interval	36 Months	36 Months	36 Month
19	Warranty	18 Months	18 Months	18 Months
20	Colouring	Covert Black & Overt Yellow	Covert Black & Overt Yellow	
21	2 nd Stage Regulator Micro Swivel	Optional	Optional	

Approvals/Conformance:

- prEn4856
- CAP1034
- EN250
- Mechanical Design overload testing 3.75 times design load

NSN CODIFICATION

MODEL	Pressure	2nd Stage Regulator	1st Stage Regulator	Hose Length	1st Stage Regulator Cover Colour	Cylinder	NSN
PEEBD1206	3,000	Sherwood	3,000psi	20"	Black	Aluminium	4240 982083743
PEEBD9393	4,500	Sherwood	4,500psi	20"	Black	Composite	4240 982083744

Under NSN Application

MODEL	Pressure	2nd Stage Regulator	1st Stage Regulator	Hose Length	1st Stage Regulator Cover Colour	Cylinder	NSN
PEEBD9372	3,000	Sherwood	4,500psi	20"	Black	Aluminium	Under Application



Model PEEBD1206



Model PEEBD9393



Pressure Gauge, Filling Connection & On/Off Green "ON" Red "OFF" indicator



2nd Stage Regulator protected "Purge" button



2nd Stage Regulator Micro Swivel (3 axis rotation)

"The conditions tests and approvals stated in this document are minimum performance standards. It is the responsibility of those desiring to install the article either on or within a specific Standard or type or class of aircraft to determine that the Standard and or aircraft's installation conditions are within the required standards. The article may be installed only if further evaluation by the applicant (user/installer) substantiates an acceptable installation and is approved by the Authority" and Poseidon .suggested Tests and Approvals are to be used as a guideline only – Poseidon makes no claims that any tests and approvals shown are suitable or fit for purpose.