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Poseidon TM Flotation Products

EMERGENCY EGRESS BREATHING DEVICE

Model PEEBD9393, Model PEEBD1206, Model PEEBD9372 Technical Data Sheet - 28/6/2016 REV:1.0a

Features:

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

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 1st 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	2 nd Stage Regulator	1 st 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

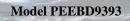
Under NSN Application

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



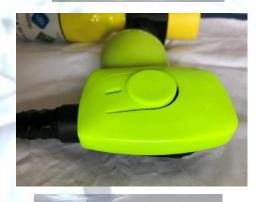
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Model PEEBD1206





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.