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POSEIDON® - Flotation Products



Leaders in Land, Aviation and Maritime Safety and Survival Solutions

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EMERGENCY EGRESS BREATHING DEVICE

Model PEEBD9393, Model PEEBD1206, Model PEEBD9372

Technical Data Sheet – 01/04/2019 REV:1.0a

Features:

- Low Volume 2nd Stage Regulator
- Capacity Gauge
- On/Off Knob with Red OFF – Green ON indication

Specifications:	PEEBD1206	PEEBD9393	PEEBD9372
Outer Cylinder Diameter	1.97” - 50mm	1.97” - 50mm	1.97” - 50mm
Length of Cylinder	7.1” - 180mm	7.1” - 180mm	7.1” - 180mm
Length of Cylinder (including 1 st Stage Regulator)	10.2” - 260mm	10.2” - 260mm	10.2” - 260mm
1 st Stage Regulator Diameter	1.4” - 37mm	1.4” - 37mm	1.4” - 37mm
Low Pressure Hose connectors	Swivel	Swivel	Swivel
1 st Stage Regulator Working Pressure	3,000psi 210 Bar	4,500psi 310 Bar	4,500psi 310 Bar
Cylinder Water Capacity	0.22Ltr	0.22Ltr	
Cylinder Air Capacity	46.20Ltr	68.20Ltr	
Inhalation Effort	1.2 – 1.4 CIW	1.2 – 1.4 CIW	1.2 – 1.4 CIW
Exhalation Effort	1.1 CIW	1.1 CIW	1.1 CIW
Flow Rate	30 +SCFM	30 +SCFM	30 +SCFM
Weight – Total Dry	2.0lbs - 908.1grms	1.8lbs - 829.0grms	
Construction:			
Thread	5/8” – 18UNF – 2A	5/8” – 18UNF – 2A	5/8” – 18UNF – 2A
Cylinder Construction	Aluminium	Composite	
Weight of Cylinder	0.7lbs - 321gm	0.5lbs - 238gm	
2 nd Stage Regulator main housing	ABS Plastic Low Volume	ABS Plastic Low Volume	ABS Plastic Low Volume
Filling Port	7/16-20 UNF-2B	½ - 20 – UNF-2B	

Approvals/Conformance:

- prEn4856
- CAP1034
- EN250
- Mechanical Design overload 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



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



PEEBD1206 Pressure Gauge, Filling Connection & On/Off Green “ON” Red “OFF” indicator

“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.