

AirBoss® PSS100

Draeger's SCBA AirBoss® PSS100 is designed to eliminate weight stress on the wearer's back and shoulders. The AirBoss® PSS100 takes the load off the user's back by carrying the units weight completely on the hips, reducing backstrain while increasing stability. It moves with the wearer, both vertically through a unique two piece backplate and horizontally by a swivel waistbelt. This increased flexibility allows the wearer to work effortlessly, more effectively and longer. The unique height adjustment of the backplate permits the unit to achieve a tailor-made fit with any torso length. By combining these features with the latest proven pneumatics, Draeger's AirBoss® PSS100 demonstrates once again that you can depend on Draeger innovation.

Features:

- State of the art pneumatics
- Ergonomic harness and backplate assembly
- Lightweight carbon composite backplate
- Adjustable 3 position backplate
- Fail-safe first stage pressure reducer
- Lung Demand Valve delivers 550 lpm
- One size fits all mask
- Panorama Nova mask adaptable to respiratory cartridges
- Panorama Nova and Futura mask have over 90% peripheral vision
- Mask available in EPDM and silicone
- Spectacle kits available

Accessories:

- Auxiliary Airline Connection
- Medium Pressure Connection
- Extension Hose & Pouch
- ChagAir
- Radio Interface / MegaComm
- Hair Net (NFPA compliant)
- Soft Carrying Bag for AirBoss and Accessories
- Rapid Adaptor permits use of air purifying filters with the AirBoss facepieces.



Technical Data

Approvals:	NIOSH/MSHA certified NFPA compliant to standard 1981/1997 edition (with Sentinel®) IPASS II or Sentinel compliant to 1982/1998 edition <i>*See Sentinel data sheet</i>
Operating Temperature	-32° C to 70° C / -25° F to 160° F NFPA – 1981 Flame test (2000° F for 10 seconds)
Pressure Demand Regulator	
Flow Rate	>550 lpm
Activation	First breath
Bypass	Press or turn to lock
Connection	Positive lock plug-in
Pressure Reducer	
Flow Rate	>1000 lpm
Medium Pressure	90 – 130 psi
Warning Whistle	>90 dBA Non-aspirating Chest Mounted
Dimensions: AirBoss PSS100	
Length	approximately 28.5 in. Fully extended
Width	approximately 11 in.
Height	approximately 7 in. (less cylinder)
Warranty	5/15 limited (5 years bumper to bumper) (15 years Pressure reducer)

Weight (approximate)	Unit Weight*	Full Cyl. Weight
Basic unit w/mask	9.1 lbs.	----
4500 psig/60 min. Carbon	26.7 lbs.	17.6 lbs.
4500 psig/45 min. Carbon	22.9 lbs.	13.8 lbs.
4500 psig/30 min. Carbon	19.8 lbs.	10.7 lbs.
4500 psig/45 min. Composite	29.4 lbs.	20.3 lbs.
4500 psig/30 min. Composite	21.8 lbs.	12.7 lbs.
2216 psig/30 min. Composite	22.3 lbs.	13.2 lbs.
2216 psig/30 min. Hoop wrapped	25.2 lbs.	16.1 lbs.
2216 psig/30 min. Aluminum	30.4 lbs.	21.3 lbs.
2216 psig/30 min. Carbon	20.4 lbs.	11.3 lbs.

Draeger offers financing to work within your budget.

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Draeger Service

Draeger Service offers regular inspection and training. We do everything to ensure your equipment will be repaired and back in operation as quickly as possible.

Draeger Expertise

Since 1889, Draeger continues its outstanding reputation in technology for human breathing. Draeger has always been at the forefront in particular hazard protection and the saving of lives in medical and industrial emergencies. Many of the company's 8500 employees are active in research and innovation to ensure that the latest techniques and scientific advances are fully tested before their inclusion in new equipment.



Dräger Worldwide

The Draeger sales and service organization is spread throughout the world. It comprises more than 25 subsidiaries and associated companies to ensure that Draeger is always within easy reach of its clients and in close contact with all important markets. Draeger's ever increasing market share demonstrates the company's international competitiveness and strength.

Draeger has subsidiaries in the following countries: Australia, Austria, Belgium, Bulgaria, Canada, Czech Republic, China, Denmark, France, Great Britain, Hungary, Indonesia, Italy, Japan, Croatia, Netherlands, Norway, Romania, Singapore, South Korea, Slovenia, Slovakia, South Africa, Spain, Sweden, Switzerland, Yugoslavia, USA. Additionally, Draeger is widely represented in Central and South America, Africa, the Middle East, Asia Pacific and Eastern Europe.