

AirBoss® Evolution

Draeger's AirBoss® Evolution meets and exceeds the requirements of NIOSH and NFPA for self-contained breathing apparatus for fire fighting. The AirBoss® Evolution lets you concentrate on the job at hand, not on your equipment. This unit combines the latest pneumatics with a time tested harness and backplate assembly. Lightweight carbon composite backplate and kevlar/nomex harness form the backbone of the unit. The first stage reducer features a failsafe design and allows accessories to be added utilizing a simple U-pin arrangement. Customize the AirBoss Evolution to your departments needs now or easily add accessories later. Be assured that with Draeger you'll get the highest quality product available.

Features:

- State of the art pneumatics
- Ergonomic harness and backplate assembly
- Lightweight carbon composite 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 masks have over 90% peripheral vision
- Mask available in EPDM and silicone
- Spectacle kits available

Accessories:

- Auxiliary Airline Connection
- Medium Pressure Connection Extension Hose & Pouch
- ChargAir
- Radio Interface / MegaComm
- Hair Net (NFPA compliant)
- Soft Carrying Case for AirBoss and Accessories wall mounting kit also available
- Rapid Adaptor permits use of air purifying filters with the ProAir facemasks.



Technical Data

Approvals:	NIOSH/MSHA certified NFPA compliant to standard 1981/1997 edition (with Sentinel) IPASS II or Sentinel compliant to 1982/1998 edition <small>* See Sentinel data sheet</small>
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	
Length	approximately 24.5 in.
Width	approximately 12.5 in.
Height	approximately 6 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	8.7 lbs.	----
4500 psig/60 min. Carbon	25.3 lbs.	17.6 lbs.
4500 psig/45 min. Carbon	22.5 lbs.	13.8 lbs.
4500 psig/30 min. Carbon	19.4 lbs.	10.7 lbs.
4500 psig/45 min. Composite	29.0 lbs.	20.3 lbs.
4500 psig/30 min. Composite	21.4 lbs.	12.7 lbs.
2216 psig/30 min. Composite	21.9 lbs.	13.2 lbs.
2216 psig/30 min. Hoop wrapped	24.8 lbs.	15.1 lbs.
2216 psig/30 min. Aluminum	30.0 lbs.	21.3 lbs.
2216 psig/30 min. Carbon	20.0 lbs.	11.3 lbs.

*Basic unit with mask and cylinder

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.