

# AirBoss Evolution® Plus SCBA



The new AirBoss Evolution® Plus SCBA was developed using Draeger's world proven pneumatics with a "true" ergonomic back plate design and Draeger's superior harness suspension system. The AirBoss Evolution® Plus provides exceptional comfort, maneuverability, and safety in the most demanding of conditions. The harness suspension system is made from a unique blend of Kevlar/Aramid/Ublend material that provides excellent abrasion resistance and strength. Even when wearing gloves, donning and doffing the AirBoss Evolution® Plus SCBA is easier, due to the new larger low profile friction buckles.

The lung demand valve (LDV Plus) used on the AirBoss Evolution® Plus series is first-breath activated. The LDV Plus provides a stable air supply with low breathing resistance.

The AirBoss Plus Series incorporates the Sentinel™ II, a fully electronic monitoring system, that provides valuable information to the fire fighter. The Sentinel II is compact, lightweight with an easy to read large and clear backlight luminescent display.

The AirBoss Evolution® Plus series continues to demonstrate Draeger's commitment to Technology for Life.

**Features:**

- Ergonomic harness suspension and back plate assembly
- Lightweight carbon composite back plate
- Fail-safe first stage reducer
- LDV Plus delivers >550 l/m
- Easy to use doffing switch on LDV
- One size fits all Panorama Nova Mask
- Panorama Nova Mask superior field of vision
- Spectacle kits available for Panorama Nova Mask
- Multi-Link auxiliary airline system available in 20" or 40" lengths

## Technical data

Approvals:	NIOSH/MSHA certified: NFPA compliant to standard 1981/1997 edition Sentinel II and IPASS II compliant to 1982/1998 edition
Operating Temperature:	-25° F to 160° F (-32° C to 70° C) NFPA – 1981 Flame test (2000° F for 10 seconds)
Pressure Demand Regulator - LDV Plus:	No Cross Contamination
Flow Rate:	>550 l/m
Activation:	First breath
Bypass:	Press or turn to lock
Connection:	Positive lock plug-in
Pressure Reducer:	Flow Rate >1000 l/m Medium Pressure 90-130 psi
Warning Whistle:	>90 dBA Non-aspirating Chest mounted
Back Plate Dimensions:	Length: Approximately 23 in. (584 mm) Width: Approximately 11 in. (279 mm) Thickness: Approximately 0.25 in. (6 mm) (less cylinder)
Warranty:	Limited Lifetime

Weight (Approximate)	Unit Weight*	Full Cylinder Weight
Basic Unit with Mask	8.7 lbs. (3.9kg)	—
4500 psi/60 min. Carbon Composite	26.3 lbs. (11.9kg)	17.6 lbs. (7.9kg)
4500 psi/45 min. Carbon Composite	22.5 lbs. (10.2kg)	13.8 lbs. (6.2kg)
4500 psi/30 min. Carbon Composite	19.4 lbs. (8.8kg)	10.7 lbs. (4.8kg)
4500 psi/45 min. Composite	29.0 lbs. (13.1kg)	20.3 lbs. (9.2kg)
4500 psi/30 min. Composite	21.4 lbs. (9.7kg)	12.7 lbs. (5.7kg)
2216 psi/30 min. Composite	21.9 lbs. (9.9kg)	13.2 lbs. (5.9kg)
2216 psi/30 min. Hoop wrapped	24.8 lbs. (11.25kg)	16.1 lbs. (7.3kg)
2216 psi/30 min. Aluminum	30.0 lbs. (13.4kg)	21.3 lbs. (9.6kg)
2216 psi/30 min. Carbon Composite	20.0 lbs. (9.0kg)	11.3 lbs. (5.1kg)