SELF-CONTAINED BREATHING APPARATUS

SCA 680E

Self-Contained Breathing Apparatus — Lightweight CE CE EN137:2006 · CE EN136:1998



OVERVIEW

Among the lightest SCBA on the global market — CE certified.

Designed for maximum efficiency, the SCA 680E meets rigorous CE standards, ensuring simple operation and maintenance without sacrificing safety. Ideal for firefighting and industrial use, it provides reliable protection in various environments while being exceptionally lightweight — designed to minimise firefighter fatigue during extended use.

45 / 60	EN137	8.5 kg
minute service time	CE certified	or less (6.8 L)

FUNCTIONS / FEATURES

06 FEATURES

01

Demand Valve

Ensures breathable air, activating with the user's first deep breath.

02

Push Button

Simply push the button to stop the air supply.

03

Disconnecting Button

The second-stage regulator detaches only by pushing two red buttons, preventing accidental detachment.

04

By-pass Valve

Emergency escape valve supplies air directly to the face-piece.

05

1st Stage Regulator & Whistle

Reduces air to 8 bar; alarm sounds below 55 ± 5 bar.

06

Harness

Simple donning; aramid fabrics for high heat and flame protection.

SPECIFICATION

SCA 680E

Category	6.8 L	9 L
Service time (at 40 L/min)	Approx. **45** min	Approx. **60** min
Fill gas	Air	Air
Total weight (excl. auxiliary mask, battery, air)	**8.5** kg or less	**10** kg or less
Cylinder liner	Carbon composite	Carbon composite
Max. air capacity	Approx. **2,040** L	Approx. **2,790** L
Cylinder weight (excl. air & valve)	Approx. **3.6** kg	Approx. **5.0** kg
Service pressure	Approx. **300** bar	Approx. **300** bar
Test pressure	Approx. **450** bar	Approx. **450** bar
Standard	CE — EN137:2006, EN136:1998	CE — EN137:2006, EN136:1998

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10