SELF-CONTAINED BREATHING APPARATUS

BA 680CX

Self-Contained Breathing Apparatus — Explosion-proof Buddy Light

IECEx · ATEX · CE EN137:2006 · CE EN136:1998

MODEL · BA 680CX



OVERVIEW

IECEx / ATEX and CE certified SCBA with an integrated explosion-proof Buddy Light tracking system.

Designed for advanced firefighting performance, the BA 680CX integrates an explosion-proof Buddy Light tracking system and meets the highest standards of safety and reliability. Certified to IECEx and ATEX for use in potentially explosive atmospheres and to CE EN137 / EN136, it is engineered for ultimate protection and comfort in the toughest firefighting and industrial conditions.

45 / 60	IECEx · ATEX	EN137
minute service time	explosion protection certified	CE certified

FUNCTIONS / FEATURES

06 FEATURES

01

Buddy Light System

LED colour instantly shows remaining air status and helps locate the wearer in low visibility — green normal, red low pressure, yellow low battery.

02

Demand Valve

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

03

LED Warning Gauge

Indicates cylinder pressure and flashes red when air is low.

04

By-pass Valve

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

05

1st Stage Regulator & Whistle

Reduces air to 8 bar before the demand valve; alarm sounds below 55 ± 5 bar.

06

Moving Harness

Wide lumbar pad moves in eight directions for maximum freedom of movement.

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

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SPECIFICATION

BA 680CX

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. **3.8** kg	Approx. **5.1** kg
Service pressure	Approx. **300** bar	Approx. **300** bar
Standard	CE — EN137:2006, EN136:1998	CE — EN137:2006, EN136:1998
Explosion protection	IECEx, ATEX	IECEx, ATEX

PRODUCT DETAILS

06 VIEWS



01 Buddy Light System



02 Demand Valve



03 LED Warning Gauge



04 By-pass Valve



05 1st Stage Regulator & Whistle



06 Moving Harness

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