SELF-CONTAINED BREATHING APPARATUS

SCA 680WX / 790WX

Self-Contained Breathing Apparatus KFI · KFAC · KGS · D.O.T.

MODEL · SCA 680WX / 790WX



OVERVIEW

Built for the most challenging firefighting and rescue operations — 45 and 60 minutes.

Designed for the most challenging firefighting and rescue operations, this advanced SCBA provides firefighters with essential tools and features for extreme fire conditions. Prioritising both safety and efficiency, its design ensures optimal performance in the presence of smoke, fire and other hazards.

45 / 60	230°	KFI
minute service time	wide field of view mask	certified

FUNCTIONS / FEATURES

08 FEATURES

01

Demand Valve

First Breathing Open (FBO) — opens with the first breath without any manipulation after the face-piece is put on.

02

230° Wide Field of View

Anti-fog film inside the front window; available in two sizes (M/L).

03

4-Point Head Harness

Designed to minimise air leakage, ensuring a secure and airtight fit.

04

Buddy Lights

Locates the wearer and guides evacuees — green in use, red at low residual pressure.

05

Pressure Gauge

Red LEDs warn of low pressure.

06

Magnetic Chest Belt

Magnetic fastener for quick donning and doffing.

07

Cylinder Connection

Threaded connection; optional one-touch quick-release connection.

08

EMS — Equipment Mount System

Optional multiple gear racks for a variety of rescue items.

SPECIFICATION

SCA 680WX / 790WX

Model	SCA 680WX	SCA 790WX
Service time (at 40 L/min)	Approx. **45** min	Approx. **60** min
Fill gas	Air	Air
Total weight (excl. auxiliary mask, battery, air)	**9** kg or less	**11** kg or less
Certification	KFI type-approved / KFAC certified	KFI type-approved / KFAC certified
Cylinder volume	Approx. **6.8** L	Approx. **9.2** L
Cylinder liner	Carbon — fully wrapped composite	Carbon — fully wrapped 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. **310** bar
Cylinder certification	KGS, D.O.T.	KGS, D.O.T.

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