SELF-CONTAINED BREATHING APPARATUS

SCA 680 / 790

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



OVERVIEW

Essential-function SCBA — easy to operate and maintain, 45 and 60 minutes.

Engineered for both simplicity and reliability, this SCBA is ideal for firefighting and industrial applications. It focuses on essential functions to guarantee easy operation and maintenance without compromising safety. Ideal for buildings, large complexes, companies and industrial environments, it serves as a critical safety solution.

45 / 60	300 / 310	KFI
minute service time	bar test pressure	certified

FUNCTIONS / FEATURES

06 FEATURES

01

Demand Valve

First Breathing Open (FBO) — opens with the first breath after the face-piece is put on.

02

Buddy Lights

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

03

Valve with Built-in Gauge

Check cylinder residual pressure without opening the valve.

04

Pressure Gauge

Photoluminescent panel for easy reading in the dark.

05

Warning Alarm

Evacuation alarm at approx. 75 bar (90 dB whistle until 10 bar).

06

1st Stage Regulator

Reduces cylinder air to approx. 8 bar for the demand valve.

SPECIFICATION

SCA 680 / 790

Model	SCA 680	SCA 790
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	Korea Fire Institute (KFI)	Korea Fire Institute (KFI)
Cylinder volume	**6.8** L	**9.0** L
Cylinder liner	Fully wrapped composite	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