SELF-CONTAINED BREATHING APPARATUS

SCA 420S

Self-Contained Breathing Apparatus — 30 min KFI · KGS · D.O.T.

MODEL · SCA 420S



OVERVIEW

Simple, reliable 30-minute SCBA for firefighting and industrial applications.

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.

30 min	7 kg	KFI
service time	or less	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

Valve with Built-in Gauge

Check residual pressure without opening the valve.

03

Pressure Gauge

Photoluminescent panel makes residual pressure easy to read in the dark.

04

Warning Alarm

Aids evacuation when residual pressure reaches approx. 75 bar (90 dB whistle until 10 bar).

05

Atmospheric Positive Pressure Diverter

Breathe ambient air while wearing the face-piece.

06

By-pass Valve & Buddy Lights

Emergency direct air supply; buddy lights switch green/red with pressure.

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

SCA 420S Self-Contained Breathing Apparatus — 30 min

SPECIFICATION

SCA 420S

Service time (at 40 L/min)	Approx. **30** min
Fill gas	Air
Total weight (excl. auxiliary mask, battery, air)	**7** kg or less
Valve	90°
Certification	Korea Fire Institute (KFI)
Cylinder volume	**4.7** L
Cylinder liner	Carbon — fully wrapped composite
Max. air capacity	Approx. **1,457** L
Cylinder weight (excl. air & valve)	Approx. **3.2** kg
Service pressure	Approx. **310** bar
Test pressure	Approx. **517** bar
Cylinder certification	KGS, D.O.T.

PRODUCT DETAILS

06 VIEWS



01 Demand Valve



02 Valve with Built-in Gauge



03 Pressure Gauge



04 Warning Alarm



05 Atmospheric Positive Pressure Diverter



06 By-pass Valve & Buddy Lights

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