

# Self-Contained Breathing Apparatus

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# SCA680WH

- SCA680WH carries with wide range of configurable option to provide safety and extra comfort to meet demand of first responder in extremely rugged for harsh fire-fighting environments.
- Through HUD(Head up display) system increase operation capability, and support user to fully focus on their mission.
- It provides wide range of air cylinder due to its condition of application.



## Components

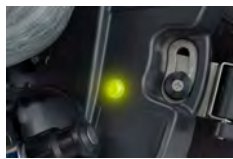
BASIC COMPONENTS			OPTIONAL COMPONENTS		
					
Face-piece	Air cylinder	Harness	Rescue mask	Portable air supplier	SCBA Carrier

## Features



### FBO system

- Allowing activation of SCBA without free flow.
- Second stage regulator activates pneumatic system by first breath.
- Air switch for breathing ambient air.



### Locator lights

- Flashing light to show user's location.
- At low air in cylinder, flashing red light so that coworkers can give the user warning.



### Emergency button

- Manually operate siren in emergency condition to be notified.
- Automatically switch on by opening cylinder air valve.



### Moving harness

- Wide lumbar pad shifting weight from the shoulders to the hips in 8 ways during movement.
- Moving harness provides maximum freedom of movement.



### Universal air connection

- Expand operation capability through quick charging air for emergency purposes.
- Charging air within a minute.



### HUD system & Vibrating alert

- HUD unit allows easy monitoring of the specific pressure of the cylinder and battery information in the face-piece.
- Vibrating alert device is located on nose cup.
- When air reach to approx. 500psi vibrator gives warning alert.

## Specification

Data sheet	6.8liter	9.0liter
Service time	45 min	60 min
Weight	9kg(W/O Air)	11kg(W/O Air)
Cylinder	Material	Carbon Composite
	Water Vol.	Approx. 6.8liter
	Max. Air Capacity	2,040liter
	Weight	3.6Kg
	Service pressure(FP)	300bar
	Test pressure(TP)	500bar
	Standard	D.O.T and KGS

Certification: KFI(Korea Fire Institute)