

# The Avon Viking Z Seven SCBA

## 2007 NFPA Compliant

# VIKING Z SEVEN

The Viking Z Seven is Avon's latest advancement in SCBAs, and meets all NIOSH, CBRN, and NFPA certification requirements. The Z Seven features a new proprietary wireless electronics package that extends battery life and reduces signal interference more effectively than Bluetooth technology; a new NFPA Standard-meeting PASS device; a 2,000 event data logging system; a two piece enclosed backframe that protects the pressure reducer, bell, and PASS alarm; an easy to use control console; an improved Voice Amplification System (VAS); and many other features—all in a comfortable to wear, easy to use, simple to maintain package.

### Improved Voice Amplification System.

The voice-activated system is easily adjusted to one of ten levels, with the setting automatically retained for future uses. This helps to eliminate breathing noise without impacting communications.

### Easy-To-Use Advanced Control Console.

The Z Seven control console houses the complete electronics package: Heads Up Display processing, Radio communications, VAS, and PASS motion sensor. Powered by six AA batteries, the console features a newly-improved one-step facemask connection that remains compatible with previous Viking model facemasks.

#### Z Seven Control Console



- Function key: on/off for VAS
- PASS panic button
- PTT: Push To Talk button for radio comm
- Center speaker for VAS and radio comm
- PASS reset buttons, power on/off buttons



### A Better Wireless Solution.

To extend battery performance and reduce signal infiltration, the Viking Z Seven utilizes a new proprietary wireless communications technology. This technology is widely acknowledged as a less complex communications solution, ideally suited for handling lower data rates such as SCBA information. This platform comes future-ready to accommodate advancements such as on-board GPS and upgrades.

### NFPA Standard PASS Device and Data Logging.

NFPA Standards require the PASS level to be 95db at a distance of 10 feet while at a temperature of 500 degrees. Our newly designed Single Alarm PASS exceeds this standard. Avon ensures optimum performance by placing the PASS assembly inside a sealed container within the backframe and utilizing two motion sensors to help eliminate false pre-alarms. Avon meets the new NFPA Standards for data logging with the built-in capability to store up to 2000 PASS on/off, pre-alarm/full alarm events. This information can be downloaded wirelessly, using Avon software.

### Cylinder Options.

A full selection of cylinders is available, from 2216 psi aluminum to 4500 psi carbon cylinders with 30, 45, or 60 minute duration.

# AVON

Avon's Viking platform of SCBAs began setting the industry standard for innovation when first introduced in 1999. Standard-defining advancements such as the in-mask Heads Up Display, AirSwitch® regulator, and RDV facemasks were driven by the same philosophy we still hold today: keep it simple to use and maintain, and ensure it's comfortable to wear and operate. The Avon Viking Z Seven is all that and more.

### Avon Viking Z Seven Options.

Though fully featured, Avon provides additional options for the Viking Z Seven to accommodate specific requirements:

- SmartLink Display that monitors battery status level, cylinder pressure, temperature, date and time, events logged, calibration values, communications links, and other information.
- 2216 or 4500 psi with full range of cylinder types and durations.



**RDV**

First breath activation



**AirSwitch**

Switch instantly from ambient air to cylinder air.

- RDV (Removable Demand Valve) or AirSwitch style facemask in S, M, and L sizes with double curve lens and net head harness.
- Other options including airline with Hansen HK or CEJN fitting, VOX, radio interface, PASS, buddy breather, and TEAMS air management system.

*All electronics are intrinsically safe and certified to UL 913.*

### About Avon.

In more than 50 countries, front line military personnel, fire fighters, and law enforcement officers trust Avon to provide comfortable, easy-to-use personal respiratory protection.

The Trusted Force In  
Frontline Protection, Worldwide.

**AVON**

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