



AVON

PROTECTION

SCBA
Ficha Técnica ENG

Fire Equipment de México
Poniente 122 No. 513,
Col. Coltongo, Del. Azcapotzalco,
C.P. 02630, CDMX, México
Tel. (+52) 55 5368 8888
consulta@FireEquipmentMexico.com

FEM S.A.
Fire Equipment de México

to protect those who keep us safe



VIKINGZSEVEN

SELF CONTAINED BREATHING APPARATUS



VIKING ZSEVEN

We recognize the challenges firefighters face with SCBA performance. Understanding our customers is a priority and the new Viking Z Seven delivers significant user-driven improvements.

- Reflective harness straps and chest strap buckle for increased user visibility
- Redesigned buckles for easier donning with gloved hands
- Extended pressure gauge hose with luminescent dial for easier reading
- New robust face mask hanger
- Larger cylinder connection hand wheel for easier operation
- Improved electronics software for increased battery life and reliability

LOWEST PROFILE FACEMASK

- Innovative, lightweight AirSwitch® and RDV facemasks provide improved comfort and reduced user burden
- Exceptional visibility delivered through optically correct double curve visor and low profile AirSwitch® regulator with one click-to-cylinder ambient air feature
- Optional RDV facemask offers a removable second stage regulator for added flexibility and convenience
- Simple two-strap head harness with pull forward design for quick donning/doffing
- Facemasks available in 3 sizes (S,M & L)

SEAMLESS INTEGRATION

- Buddy-Breather System features a dual EBSS hose connection prevents exposure of the recipient or donor to ambient air during connection
- Airline attachment for external air source connection available
- **EchoTracer®** Firefighter Locator System, ultrasonically tracks trapped or downed firefighter. Combinations with the nVision Thermal Imager available.
- **TEAMS**—Telemetry Electronic Air Management System provides personnel accountability tracking by display to command

COMMAND, CONTROL AND COMMUNICATION CONSOLE

- Integrated low profile Voice Amplification System (VAS) for reduced snag points
- Engineered to balance breathing noise without impacting essential communications
- Adjustable voice level selection automatically retained for future use
- Nose-cup mounted Heads-Up Display with a built-in microphone for clearer communications
- Optional radio connector features a simple push-to-talk button or hands-free mode

APPLICATIONS:

- Fire
- Chemical Plants
- Petroleum Plants
- Construction
- High-rise Dwellings
- Transportation
- Agriculture
- Institutions & Hotels
- Aviation & Aerospace
- Government
- Mining

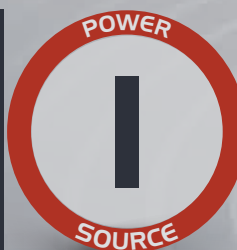
LOWEST COST OF SCBA OWNERSHIP



10 year comprehensive electronics warranty



10 year supply of free batteries (every 6 months)



1 battery source for quick and easy maintenance

NFPA STANDARD PASS DEVICE AND DATA LOGGING EXCEEDED

- Two motion sensors eliminate false pre-alarms
- PASS assembly housed inside sealed enclosure within the backframe
- Single alarm PASS device is in accordance with the NFPA 1981 Standard 2007 Edition
- Data logging for up to 2000 PASS on/off and pre-alarm/full alarm events
- Wireless downloading of information by Guardian security device

LIGHTER WEIGHT BACKFRAME AND IMPROVED COMFORT

- Ergonomic backframe distributes the weight of the SCBA on the hips, improving comfort and reducing fatigue
- Luminescent shoulder straps provide extra user identification
- Easy-to-pull waist-belt and loop style buckles for quicker donning/doffing with gloved hands
- Ultra light, enclosed backframe designed to protect critical SCBA components with single C-Cell battery source
- Universal harness assembly allows for multiple cylinder sizes and durations

HIGH VISIBILITY CYLINDER OPTIONS

- Ergonomic cylinder valve provides easy locating
- Luminescent cylinder band allows for easier location



VIKING Z SEVEN

SELF CONTAINED BREATHING APPARATUS

TECHNICAL DATA

BREATHING PERFORMANCE	103 lpm with mask pressure above ambient
------------------------------	--

ENVIRONMENTAL RANGE	The operating range down to -15° F
----------------------------	------------------------------------

MATERIALS USED	
Harness	Kevlar Webbing with Stainless Steel hardware
Backplate	Glass filled Polyester
Cylinder Valve	Anodized Aluminum

APPROVALS	
TC-13F-551CBRN	2216 psi 30 min
TC-13F-552CBRN	4500 psi 30 min
TC-13F-553CBRN	4500 psi 45 min
TC-13F-554CBRN	4500 psi 60 min

WEIGHT (based on empty cylinders)	
Viking Z Seven SCBA (excluding cylinder)	13.9 lbs.
Carbon fiber fully wrapped, 2216 psi 30 minute	7.75 lbs.
Carbon fiber fully wrapped, 4500 psi 30 minute	7.4 lbs.
Carbon fiber fully wrapped, 4500 psi 45 minute	9.9 lbs.
Carbon fiber fully wrapped, 4500 psi 60 minute	11.5 lbs.



Related products for the Viking Z Seven

ECHO SERIES



Ultrasonic tracking integrated into the SCBA, as well as the nVision Thermal Imager and stand alone beacons

nVISION THERMAL IMAGER



Thermal imaging with choices between the economical nVision XT and the high res nVision XTP, with options such as zoom and video capture

TEAMS



Built-in telemetry tracking system with features including recall, PASS status, air pressure and time-in-fire