



AVON

PROTECTION

SCBA
Ficha Técnica ENG

Fire Equipment de México
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FEM S.A.
Fire Equipment de México

to protect those who keep us safe



SELF-CONTAINED BREATHING APPARATUS





Introducing the Deltair SCBA by Avon Protection Systems (APS), the world's leader in CBRN respiratory protection equipment.

Avon Protection asked firefighters far and wide what they wanted in an SCBA. That input was the catalyst for the design and development of the Deltair SCBA.

Designed to deliver the same performance, ruggedness and reliability that Avon Protection puts into all of their respiratory products. Deltair is NFPA 1981 and 1982 compliant and is approved for use in CBRN environments. Furthermore, the Deltair has been tested to Mil Spec Standards to ensure it meets and exceeds the tough demands required by the fire service.

OPERATIONS MADE SIMPLE

Firefighters need rugged, reliable and simple to use equipment. That's why the Deltair SCBA is designed with components providing quick donning, simple to use operational functions, and easy maintenance.

LOWEST COST OF OWNERSHIP

In addition, we believe that continued support during the life of the product is an essential service for our customers, along with the added value of low total cost of ownership.

A FACE MASK LIKE NONE OTHER

- Best in class field of view is provided through the optically correct, double curve visor
- Market leading air management from integrated, low profile, AirSwitch regulator that enables users to quickly switch between ambient and supplied air
- Built in microphone gathers the sound in the users speech zone to provide the amplification system with the best voice input. **VOICE AMPLIFICATION LIKE NO OTHER!**

CLEAREST COMMUNICATIONS FOR THE SAFETY AND EFFECTIVE COMMUNICATIONS

- Market leading voice communications through an oversized chest mounted speaker
- Mask mounted microphone to pick up the users voice without background noise



BUILT TO LAST EVEN THE MOST DEMANDING ENVIRONMENTS

- Market leading 15 year "bumper to bumper" warranty, covering the pneumatics, electronics, rubber and elastomeric parts
- NFPA compliant and beyond - Avon proven military design experience delivers unsurpassed strength and reliability



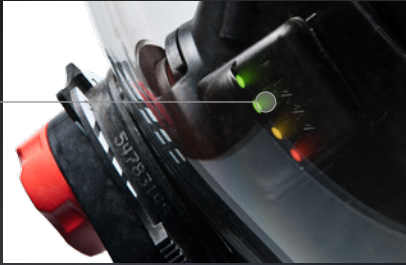
BALANCED WEIGHT AND GREAT COMFORT

- Perfectly designed center of mass enables users to maintain the same center of mass with and without SCBA. Making the Deltair SCBA the most ergonomic SCBA available
- Padded lumbar support and self-adjusting side arms transfer the SCBA's weight to the wearer's hips, enabling longer term operations and reducing user fatigue
- Body contoured, over padded, shoulder straps provide users with a natural fit



KEY FEATURES

- Dual direction HUD



- High field of view from double curved lens
- Lightweight and low profile mask
- Best in class air management with ambient air switch

- 1,000 lb static load rated drag point

- Low sitting cylinder provides wide clearance for helmet during crawling and other evolutions
- Multiple options on standard carbon fiber and lightweight carbon fiber cylinders (30/45/60 minutes)

- Contoured shoulder straps for improved comfort

- Loudest and clearest voice amplifier with oversized speaker

- Quick connect mask/regulator provide best in class RIT options and, if needed, easy service replacement

- Single location battery provides over 200 hours of operation

- High strength aircraft alloy aluminum back frame

- Easy adjust cylinder band

- 1,000 lb static load rated handles

- Angled console for easy viewing

- Self-adjusting side arms for superior fit and comfort*

- Low center of mass for best ergonomics, safety, and comfort

- Cylinder retention systems fits all manufacturers cylinders



- Angled cylinder valve for easy operations

- Oversized waist and shoulder straps for easier RIT operations and better fit.

- Rubberized CGA fitting repels moisture, preventing ice buildup*

- Easy to operate Parachute style buckles

- Quick Connect cylinder option available*

* - not shown



ENHANCED POWER MANAGEMENT

- Single power source for the PASS, voice amplifier, HUD, and radio interface
- Over 200 hours of operation on single set of batteries
- Quick Change battery pack uses only 6 C-cell batteries
- Long battery life supports lowest cost of ownership with reduced maintenance costs and less frequent battery changes

Deltair is designed to meet and exceed the NFPA 1981, 1982, 2013 Edition Standard and is approved for use in a CBRN environment.

TC-13F-0737CBRN, SC/PD/CBRN, 30 MIN, 2216 PSIG, EOSTI-33

TC-13F-0738CBRN, SC/PD/CBRN, 30 MIN, 4500 PSIG, EOSTI-33

TC-13F-0739CBRN, SC/PD/CBRN, 45 MIN, 4500 PSIG, EOSTI-33

TC-13F-0740CBRN, SC/PD/CBRN, 60 MIN, 4500 PSIG, EOSTI-33

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ADVANCE WITH CONFIDENCE

www.avon-protection.com

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PROTECTION

Step	Part Number	Description
1	DELTAIR SCBA	DEL-1 Deltair SCBA, 2013 NFPA , 30 min LP
		DEL-2 Deltair SCBA, 2013 NFPA 30 min HP
		DEL-3 Deltair SCBA, 2013 NFPA 45 min HP
		DEL-4 Deltair SCBA, 2013 NFPA 60 min HP
2	CYLINDER OPTIONS	01 2216 psi 30 minute Carbon
		02 4500 psi 30 minute Carbon
		03 4500 psi 45 minute Carbon
		07 4500 psi 60 minute Carbon LW
3	CYLINDER CONNECTION OPTIONS	20 CGA Connector, 2216 psi
		21 CGA Connector, 4500 psi
		22 QD Connector 4500 psi (not available for 2216 psi)
4	FACEMASK	30 AirSwitch Facemask, NFPA 2013, CBRN Small
		31 AirSwitch Facemask, NFPA 2013, CBRN Medium
		32 AirSwitch Facemask, NFPA 2013, CBRN Large
5	COMMUNICATIONS /PASS OPTIONS	40 Voice Amplification/PASS
		41 Voice Amplification/PASS/Radio Interface
		42 Voice Amplification/PASS/Radio Interface/ EchoTracer Ultrasonic Tracking
6	STORAGE OPTIONS	50 None
		51 Hard Carry Case
7	OPTIONAL FEATURES	A None
		B Buddy Breather (EBSS)
		C Airline, Hansen HK
		D Airline, Rectus
		E Rescue Belt - Crosby Hook
		F Rescue Belt - Carbineer
		G Premium Facemask Storage Bag
		H Cylinder Caps (Top and Bottom) (45 minute Only)
		I Cylinder Caps (Top only) (45 minute only)
		J Custom Cylinder Labels - Paper
		K Custom Cylinder Labels - Luminescent
		L Custom Shoulder Strap Patches

EXAMPLE ORDER NUMBER

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7
DEL-3	06	21	31	41	51	B

The final part number indicated the product selection as a:

Deltair SCBA, 2013 NFPA 45 min HP, 4500 psi 45 minute Carbon LW, CGA Connector, 4500 psi, AirSwitch Facemask, NFPA 2013, CBRN Medium, Voice Amplification/PASS/Radio Interface, Hard Carry Case, Buddy Breather