



**AVON**  
PROTECTION



**DELTAIR™**





# DELTAIR™

the  
**Symbol**  
of Respiratory  
Protection

A new certification standard provides the opportunity for a completely new generation of SCBA. Introducing the Deltair SCBA by Avon Protection, the world's leader in CBRN respiratory protection equipment.

Designed to deliver the same ruggedness and reliability that Avon Protection puts into its other respiratory products Deltair has been tested to Mil Spec standards to ensure it meets and exceeds the tough demands required by the fire service.

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

#### UNIQUE TECHNOLOGY

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

Avon Protection asked firefighters far and wide what they needed and wanted in an SCBA.

That input was the catalyst for the design and development of the Deltair SCBA. 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 PROVEN PEDIGREE

For over 80 years, we have been the driving force behind the development of innovative respiratory protection products and safety devices for the military, law enforcement, fire/rescue and industrial workers worldwide. The hundreds of thousands of users of Avon Protection equipment can testify to the dedication we have to product development based on customer input and needs. Today we are widely recognized as the world leader in the design, development, and manufacture of CBRN products.





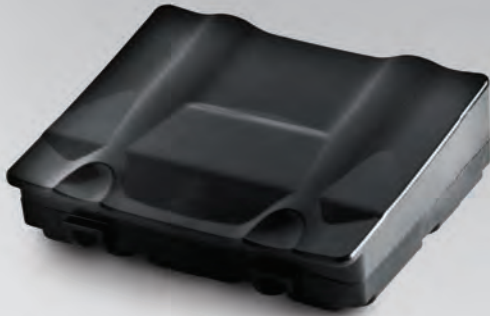
### A FACEMASK LIKE NONE OTHER

- Optically correct, double curve visor with widest field of view
- Integrated, low profile AirSwitch™ reduces snag hazards while delivering controllable air
- Built in microphone and Heads Up Display (HUD) requiring no additional batteries



### CLEARER COMMUNICATION FOR INCREASED SAFETY

- Superior voice clarity from integrated non-mask mounted Voice Amplifier provided as standard
- HUD allows for user and team visibility of unit status
- Quick user identification through reflective harness and luminescent cylinder markings



### ENHANCED POWER MANAGEMENT

- State-of-the-art electronics processor unit protected inside the clamshell backframe
- Intelligent power management greatly increases time between battery changes
- Quick change single source battery pack uses only 6 C-Cells to reduce maintenance, time and cost



### BALANCED WEIGHT AND IMPROVED COMFORT

- Padded lumbar support with balancing side arms transfer unit weight onto wearer's hips, taking the load off of the upper back and shoulders
- Body contoured, extra padded shoulder straps with adjustable chest strap setting provide a more natural fit to the user



### BUILT TO LAST IN THE MOST DEMANDING ENVIRONMENTS

- Avon proven military grade materials deliver unsurpassed strength and reliability
- Legendary clamshell back frame, now combining aircraft aluminum with performance polymers that shield all core components while reducing snag hazards
- Proven robustness, backed up by Avon's 10 year electronic and 15 year pneumatic warranty



### TECHNICALLY ADVANCED, YET SIMPLE TO USE

- Communication controls and PASS integrated into one ergonomic console using just three buttons
- Angled pressure gauge on pivoting console ensures quick access when checking cylinder status
- AirSwitch mask regulator allows rapid switching between ambient and cylinder air
- All user interface controls color coded for easy identification



## TECHNICAL DATA

### DELTAIR UNIT

SCBA Protection Factor	10,000
Weight of Mask (including second stage regulator)	1.9lbs
Weight of SCBA (excluding mask & cylinder)	w/ Quick Disconnect: 15.34lbs      w/ Handwheel: 14.82lbs
Inhalation Resistance	0.4 inches of H <sub>2</sub> O
Exhalation Resistance	2.5 inches of H <sub>2</sub> O
Field of View	104%
Mask Sizes	Small, Medium, Large
Donning Time	30 seconds
Interface with PPE	Integrates with operational clothing, personal issued items and fire helmets
Power Supply	6 C-Cell batteries
Voice Amplification	Integrated into control console as standard

### ACCESSORIES

Rescuer RIT Bag	Provides a multiport manifold for use as a rescue system for individuals not wearing SCBA
Rescuer RIC Bag	Provides a RIC rescue hose in 3, 6 or 10 ft lengths for use in the rescue of a downed firefighter
Rescuer RIT/RIC Combo Bag	Combines both the Rescuer RIT Bag and RIC Bag into one dual use system
EchoTracer	Complete ultrasonic tracking system for locating a firefighter or exit/reference point at a fire scene
Radio Interface Connection	Hidden inside the shoulder strap for less snag hazards
Rescue Belt	Integrated Rescue Belt with quick release detachment straps for rapid extraction
Airline Systems	Hansen HK or Rectus fitted airline attachments with hose lengths approved up to 300 feet
Emergency Air System (EAS or Buddy Breathing)	Two versions featuring the backframe stored internal EAS or the external pouch stored option
Spectacle Kits	Adjustable frames and attachment to facemask nosecup, with full prescription program. Also available with sunlight or yellow lens options.

### CYLINDERS

2216 psi, 30 minute Carbon

4500 psi, 30 minute Carbon

4500 psi, 45 minute Carbon

4500 psi, 60 minute Carbon

4500 psi, 30 minute Carbon, Lightweight

4500 psi, 45 minute Carbon, Lightweight

4500 psi, 60 minute Carbon, Lightweight

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

GR11270-01



www.avon-protection.com  
 t: 1 888 286 6440  
 e: customerservice@avon-protection.com

**AVON**  
 PROTECTION