



the
New
Symbol
of Respiratory
Protection



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|------------------------------|--------------------------------|
| 1. Double curve visor | 6. Lightweight cylinder option |
| 2. Low profile AirSwitch™ | 7. Integrated voice amplifier |
| 3. Mask quick disconnect | 8. Quick exchange battery |
| 4. Rugged, ergonomic console | 9. Clamshell backframe |
| 5. Quick cylinder disconnect | 10. Contoured, padded harness |

Avon Protection introduces the Deltair™, the most innovative SCBA available, designed by firefighters for firefighters. To meet the critical needs of the fire service, Deltair has been developed to meet and exceed the new NFPA 1981, 1982 Standards, 2013 Edition on Open-Circuit Self Contained Breathing Apparatus (SCBA) for Emergency Services. Fully approved for use in a CBRN environment, the Deltair includes a unique air management system. The AirSwitch™ mask with integrated 2nd Stage Regulator has a simple to use AirSwitch that allows the user to don the SCBA completely but only breathe off cylinder air when required. With gloved hands the user can seamlessly switch back and forth between ambient and cylinder air as required by sliding the ambient AirSwitch into the up or down position. Intelligent air management provides more time on the target to perform critical tasks.

The power source for Deltair is provided from a single quick exchange power pack consisting of 6 C-cell batteries. For Deltair, Avon engineers pioneered a new generation of power management software and electronics that delivers a significant increase in time between battery exchanges even under the most demanding work schedules. Avon's legendary clamshell backframe design that protects core components is reengineered to incorporate an aircraft grade aluminum backplate for increased robustness. Incorporation of pivoting side arms onto the backplate distributes the Deltair weight over the user's hips versus weight loading on the shoulders, in turn greatly reducing user wear burden. The two strap, pull forward waistbelt tightens the strap using a natural motion reducing donning time.

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

FEATURES & BENEFITS

AIRSWITCH™ FACEMASK

Proven Technology by the Fire Service

- **OPTICALLY CORRECT, DOUBLE CURVE VISOR**
Widest field of view and optical clarity
Exceeds latest NFPA radiant heat requirements
- **LOW PROFILE AIRSWITCH 2ND STAGE REGULATOR**
Increases forward visibility and reduced snag hazard
- **AMBIENT AIR MODE BUILT IN THE AIRSWITCH**
Controllable user air management system
- **TWO-POINT PULL FORWARD NET HEAD HARNESS**
Allows for quick, consistently secure donning
- **FULLY SUBMERSIBLE DESIGN**
Waterproof construction delivers Tuberculocidal (TB) decontamination and quick cleaning in the field

BACKFRAME ASSEMBLY

Built to Be Tough

- **CONTOURED, PADDED SHOULDER STRAPS**
Added comfort and a more natural fit to the user
- **TWO POSITION CHEST STRAP SETTINGS**
Better accommodates different sizes of user
- **TWO PART CLAMSHELL BACKFRAME FORMED FROM AIRCRAFT GRADE ALUMINUM AND MILITARY GRADE POLYMERS**
Increased strength and durability yet lightweight
- **INTEGRATED SIDE CARRY HANDLES**
Allows for easier donning and quicker rescue
- **QUICK RELEASE 6 C-CELL BATTERY PACK POWERING THE ENTIRE SCBA ELECTRONICS**
Reduced replacement, maintenance and battery inventory

ADVANCED YET SIMPLE

Reliable and Fully Warrantied

- **RUGGED, CONTROL CONSOLE WITH INTEGRATED PRESSURE GAUGE, VOICE AMPLIFICATION, AND COMMUNICATION CONTROLS**
Easy to use, 3 button control to operate key SCBA functions
- **ALL USER INTERFACES COLORED RED**
Clear identification of key interaction features
- **ANGLED PRESSURE GAUGE ON PIVOTING CONSOLE**
Simple and accessible viewing to validate cylinder pressure
- **CENTRAL ELECTRONIC CONTROL PROCESSOR LOCATED INSIDE CLAMSHELL BACKFRAME**
Military grade assembly protected internally from the environment
Intelligent power management for longer battery life
- **AVON'S LEGENDARY 10 YEAR ELECTRONICS AND 15 YEAR PNEUMATIC WARRANTY**
Delivers peace of mind and lowest total cost of ownership



PNEUMATIC PEDIGREE

Tough Under Pressure

- **U-CLIP TECHNOLOGY FOR LESS PRESSURE WHEN THE DELTAIR IS NOT IN USE**
Longer O-ring life and lower maintenance cost
- **COMPACT 1ST STAGE REDUCER WITH DYNAMIC, TWO MOVING PART DESIGN**
Less SCBA stress and increased reliability
- **BACKFRAME CONTAINS HIGH PRESSURE HOSES AND CABLES**
Reduces snag hazards with increased durability

MODULAR DESIGN MAKES UPGRADING EASY

TEAMS



ECHO^{SERIES}



nVISION



CYLINDER OPTIONS



BUDDY BREATHER



BAIL OUT BELT

