



SELF CONTAINED BREATHING APPARATUS

800 Series

SCBAs provide the wearer with the highest level of respiratory protection available. These units utilize either a thirty or sixty minute cylinder containing pressurized air which is delivered “on demand” to the facepiece. Because the cylinders are worn on the back of the worker, SCBAs are completely portable, enabling the worker the maximum mobility for crucial applications such as emergency response and rescue.

The 800 Series is available as NFPA compliant units, or in the more economical non-NFPA version. Both are NIOSH approved and available in many models.

The soft silicone full facepiece incorporates a comfortable dual sealing flange for a superior fit, an oral/nasal cup to reduce fogging, a speaking diaphragm with clear, intelligible voice transmission and a super hard coated polycarbonate lens with greater than 200° field of vision. The demand valve is a “First Breath Release” design, and provides greater than 300 liters per minute upon peak inhalation. The 800 Series also features a luminous pressure gauge, a stainless steel whistle assembly, locking quick-connects and fail-open design. The harness and backplate assembly is designed for comfort and proper weight distribution during the most rigorous jobs.

NFPA Compliant 800 Series

North SCBA units are available SEI certified as meeting NFPA requirements. In addition to the features mentioned above, these units feature a Kevlar*/ Nomex*/ PBI** harness that is fully padded and meets the stringent NFPA requirements for heat and flame resistance. The lens is super hard coated to meet stringent NFPA requirements.



NIOSH Approved.



Certified as meeting NFPA requirements.

* Kevlar and Nomex are Registered Trademarks of DuPont Company

** PBI is a Registered Trademark of Hoechst Celanese Corp.



Features	Benefits
<p>✦ Reducer/Regulator Five-year warranty Only three moving parts Fail-open design</p> <p>Protected design</p> <p>Mounted directly onto backplate</p>	<p>Substantially reduces repair costs. Reduces possibility of malfunction. Assures user supply of air as long as there is air in the cylinder; Eliminates need for bypass valve. Eliminates dirt and moisture from entering the device; Provides trouble free operation. Eliminates need for high pressure hose; Substantially reduces the possibility of accidental damage; Keeps reducer regulator from interfering with the user's activity.</p>

<p>✦ Buddy Breathing/ Airline Accessory Fitting</p>	<p>Quick-connect fitting for rapid rescue. Eliminates the need for the rescuer to dislodge his/her facepiece. Accepts Airline Accessory for extended duration. <i>NOTE: Buddy breathing is not currently included in NIOSH certifications.</i></p>
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<p>✦ First Breath Demand Valve Donning feature with first breath release</p> <p>Quick connect facepiece mounting</p> <p>Fiber reinforced material Only three moving parts Springless control lever</p> <p>Fail-open design</p> <p>Purge button</p>	<p>Eliminates the human error of using the SCBA in a demand mode. Allows the user to don facepiece in "standby position" before attaching demand valve. Eliminates need for the large corrugated breathing hose. Keeps the demand valve from interfering with the user's activity. Rugged, durable, lightweight. Reduces possibility of malfunction. Maintains proper airflow, no possible failure in a closed position. Assures user a supply of air as long as there is air in the cylinder. Eliminates need for bypass valve. Eliminates the waste of the large volume of air that occurs with a conventional bypass valve. Allows momentary override of demand valve.</p>
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<p>✦ Full Facepiece Two sizes (small and med./lg.) Silicone Wrap around lens Super hard coated lens Unique speaking diaphragm/ exhalation valve assembly Quick donning and doffing</p>	<p>Comfortable fit for largest number of users. Comfortable, soft, pliable. Over 200° field of vision. Meets stringent NFPA requirements. Provides ease of communication for additional safety. Allows user to don mask and be in "standby" mode without demand valve connected to facepiece.</p>
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<p>✦ Comfortable Harness System Flame retardant (NFPA models only) Wide, fully padded shoulder straps Wide, fully padded lower back support Unique side release buckles</p> <p>Adjustable chest strap Nylon harness available</p>	<p>Meets stringent NFPA requirements. Provides exceptional user comfort; Ease of user adjustment. Provides greater weight distribution and user comfort. Reduces the risk of an accidental opening of the buckle. Provides additional security and user comfort. Meets NIOSH requirements (not NFPA compliant).</p>
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<p>✦ Customized Aluminum Backplate</p>	<p>Distributes weight over a large area for user comfort; Lightweight; Durable.</p>
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<p>✦ Chest Mounted Pressure Gauge</p>	<p>Positioned in an easy to read location.</p>
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<p>✦ Chest Mounted Warning Whistle</p> <p>Stainless steel</p>	<p>Positioned close to the head for easier hearing User knows immediately it is the user's unit; Easily checked to eliminate confusion when several alarms are going off simultaneously; Shielded capillary sensing line to minimize air loss in the event the line is damaged. Rugged and dependable.</p>
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<p>NIOSH Certified for use to -25°F</p>	<p>Can be used in very cold environments.</p>
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