QUESTION

What are the key features of the Air-Pak X3 Pro SCBA?

ANSWER

The Air-Pak X3 Pro was built on a platform of proven, trusted performance, maintaining the reliability and durability of the Air-Pak X3, with an emphasis on enhancements to Cleanability, Comfort, and Connectivity.

The Air-Pak X3 Pro combines advanced material selection for improved water repellency with an easy-to-remove harness for cleaning, decontamination, and serviceability. With minimal water absorption, this new harness assembly may be machine laundered to help reduce contamination.

Offering enhanced electronics with Bluetooth® technology, the Air-Pak X3 Pro supports wireless connectivity between devices for improved configurability, data transmission/retrieval, firefighter safety and fireground accountability. Integrated RFID tags provide local storage of SCBA information that can be wirelessly interrogated for asset tracking.

Ergonomic improvements have been made to the Air-Pak X3 Pro that help redefine the user experience. A new shoulder harness design improves the ease of donning the SCBA and minimizes pressure points to help reduce user fatigue. A naturally articulating waist pad promotes greater range of motion to the user, while transferring weight to the hips for a more balanced load. These enhancements help to maximize comfort in every sense of the word, from physical comfort to respiratory comfort to psychological comfort.

QUESTION

What facepieces are approved for use with the Air-Pak X3 Pro SCBA?

ANSWER

Due to the high temperature and communications performance requirements in the NFPA 1981, 2013 edition standard, only the AV-3000 HT facepiece is approved for use with the Air-Pak X3 Pro SCBA. The AV-3000 HT facepiece is available in either a 4-strap or 5-strap configuration.

QUESTION

What type of cylinder connection is available on the Air-Pak X3 Pro SCBA?

ANSWER

The Air-Pak X3 Pro SCBA is available in either a Snap-Change or CGA cylinder connection. The Snap-Change cylinder connection utilizes a quick release probe, whereas the CGA cylinder connection utilizes CGA 346/347 threads. The Snap-Change cylinder connection provides several added benefits over the traditional CGA connection, in that it promotes rapid cylinder replacement, improves efficiencies during cylinder charging, and reduces wear and tear on the cylinder valve.

QUESTION

What types of cylinders are compatible with the Air-Pak X3 Pro?

ANSWER

The Air-Pak X3 Pro will support three distinct operating pressures – 2216psi, 4500psi, and 5500psi – and is compatible with breathing air cylinders rated for 30-minute, 45-minute, 60-minute, and 75-minute duration. Cylinders are available in the configurations listed below.

Type	Service Life	Pressure	Duration
Carbon	15-year	2.2	30-min
Carbon	15-year	4.5	30-min, 45-min, 60-min
Carbon, ST7	15-year	4.5	30-min, 45-min, 60-min
Carbon	30-year	4.5	30-min, 45-min, 60-min
Carbon	15-year	5.5	30-min, 45-min, 60-min 75-min

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QUESTIONS & ANSWERS

QUESTION
Is the Air-Pak X3 Pro SCBA available with an articulating waist pad option?

ANSWER
The Air-Pak X3 Pro comes standard with an articulating waist pad. Unlike traditional SCBA that offer mechanical articulation, the Air-Pak X3 Pro utilizes a reinforced Kevlar webbing design to provide the user with a greater range of motion through natural articulation of the waist pad. The benefit of which is improved comfort, reduced fatigue, and better weight distribution, all without sacrificing durability of the product.

QUESTION
Can the Air-Pak X3 Pro SCBA harness and webbing be easily detached from the backframe for cleaning and decontamination?

ANSWER
The Air-Pak X3 Pro incorporates an easy-to-remove harness to enable cleaning and gross decon following any IDLH event. With no tools and minimal training required, removal of the harness can be accomplished by the SCBA wearer. The new harness assembly can be cleaned using a soft bristle brush with soap/water or it can be machine laundered for a deeper cleaning, both of which are proactive steps to help reduce long-term carcinogen exposure.

QUESTION
Can the Air-Pak X3 Pro SCBA be ordered with a spare harness assembly?

ANSWER
To help support best practices in decontaminating equipment to minimize firefighter exposure, the Air-Pak X3 Pro may be configured with a spare harness assembly at the time of ordering.

QUESTION
Is the Air-Pak X3 Pro SCBA equipped with a rated drag handle?

ANSWER
The Air-Pak X3 Pro incorporates a drag rescue loop that is sewn into the shoulder harness assembly and attached to the backframe. The new design makes it easier to use with gloved hands and provides a rated pull strength of 1000 lbs to assist with rescuing a downed firefighter. High visibility markings ensure the drag rescue loop can be located each and every time.

QUESTION
Does the Air-Pak X3 Pro SCBA provide enhanced visibility of the firefighter while operating on the fireground?

ANSWER
Utilizing a combination of 3M™ Scotchlite™ Reflective Material, the Air-Pak X3 Pro harness and webbing deliver heightened visibility of the SCBA when operating in low-light conditions. Electronic "buddy" lights provide a 360° view of the firefighter's status (i.e. air pressure and PASS), improving safety and accountability on the fireground.

QUESTION
How does the Air-Pak X3 Pro SCBA help to improve fireground accountability?

ANSWER
A new feature of the Air-Pak X3 Pro is the integration of an electronic PAR capability (also known as ePAR) as part of the SEMS II wireless SCBA telemetry system. Utilizing SEMS II Pro in conjunction with Scott Connect Monitor Pro, the incident commander has the ability to initiate a PAR request through a simple touch command on the computer. The PAR request is transmitted wirelessly over a mesh network to each individual SCBA wearer, who in turn will receive a visual and audible alert notification. The SCBA wearer may acknowledge the PAR request by pressing a button on the PASS Console, transmitting a signal back to Scott Connect Monitor Pro and clearing the PAR request.

QUESTION
How does the ePAR feature on the Air-Pak X3 Pro SCBA help to improve fireground communications?

ANSWER
Two of the biggest challenges on the fireground are maintaining personnel accountability and effective communications. Interesting enough, it requires effective communications to maintain personnel accountability and often times it is a lack of effective communications that can turn a bad situation to worse. This is where ePAR can help improve fireground communications. By reducing excess radio traffic and relying instead on data transmission through the SEMS II wireless SCBA telemetry system, accountability is preserved while maintaining effective communications for when it matters most.

QUESTIONS & ANSWERS

QUESTION
Is SEMS II Pro a standard feature on the Air-Pak X3 Pro SCBA?

ANSWER
While the SEMS II Pro feature, when used in conjunction with Scott Connect Monitor Pro, enables improved fireground accountability, Scott Safety understands that not all fire departments have the same level of staffing to support this type of system. As such, the Air-Pak X3 Pro may be configured with either the Pak-Tracker or SEMS II Pro PASS device.

QUESTION
Is Pak-Tracker a standard feature on the Air-Pak X3 Pro SCBA?

ANSWER
In early 2017, Scott Safety began incorporating the Pak-Tracker firefighter locator into all NFPA 2013 edition Air-Pak SCBA in an effort to improve firefighter safety. This same great feature will also be part of the standard Air-Pak X3 Pro offering.

QUESTION
Is the Air-Pak X3 Pro SCBA equipped with a temperature sensor?

ANSWER
The Air-Pak X3 Pro is equipped with an embedded temperature sensor to monitor the performance and integrity of the system electronics.

In the event that the electronics exceed an elevated temperature threshold (approximately 176° F), the SCBA will emit an alarm tone signifying an evacuation to the wearer. This is referred to as a System Integrity Alarm.

QUESTION
How does the System Integrity Alarm integrate with Scott Connect Monitor Pro?

ANSWER
Prior to activation of the System Integrity Alarm on the SCBA, Scott Connect Monitor Pro will initiate a pre-alert (at approximately 170° F) to notify Incident Command of the elevated temperature inside the SCBA electronics. This notification serves as an advance warning to allow Incident Command the option to evacuate the SCBA wearer.

QUESTION
Does the Air-Pak X3 Pro SCBA have an option for an integrated thermal imaging camera?

ANSWER
As part of the Air-Pak X3 Pro product solution, customers can configure their AV-3000 HT facepiece to utilize Scott Sight, the first and only hands-free thermal imaging camera. Integrated into the facepiece rather than the SCBA, Scott Sight combines an exterior-mounted camera with a display inside of the facepiece to eliminate the need for reaching down and lifting up a camera. Firefighters now have both hands free for effective communication, victim extraction, and carrying tools.

QUESTION
Are the Air-Pak X3 Pro SCBA electronics programmable?

ANSWER
Certain features of the Air-Pak X3 Pro electronics may be wirelessly configured using a mobile application, such as programming the Pak-Tracker ID.

QUESTION
In the event that Scott Safety releases new firmware for the Air-Pak X3 Pro SCBA, how do I upgrade the electronics?

ANSWER
The Air-Pak X3 Pro incorporates Bluetooth technology to enable fast and reliable wireless connection to a mobile device for use in upgrading the electronics firmware.

QUESTION
Can the Air-Pak X3 Pro SCBA be configured with an integrated self-rescue belt?

ANSWER
The Air-Pak X3 Pro may be configured with a standard waist belt or the EZ-Scape Pro integrated self-rescue belt. Using a similar design as the Air-Pak X3, the EZ-Scape Pro is available in a jettison or fixed belt configuration and offers an NFPA 1983 rated attachment point, providing maximum versatility for use in variety of fireground situations. Due to the required attachment method to the backframe, the EZ-Scape Pro waist pad assembly does not provide the natural articulation as found with the standard Air-Pak X3 Pro waist pad assembly.

QUESTION
Is there a chest strap option available for the Air-Pak X3 Pro SCBA?

ANSWER
Although the Air-Pak X3 Pro is designed to evenly distribute weight to the SCBA wearer's hips for a more balanced load, some customers may feel more comfortable using a chest strap. A new chest strap accessory is available for integration into the Air-Pak X3 Pro harness and is available in two different configurations in order to accommodate different firefighter body types.

QUESTION
What type of facepiece connection does the Air-Pak X3 Pro SCBA mask-mounted regulator use and will it meet the NFPA 1981, 2018 edition requirement for Strength of Interface testing?

QUESTIONS & ANSWERS

ANSWER
One of the benchmarks of the Air-Pak, the E-Z Flo mask-mounted regulator utilizes a quarter-turn design, ensuring a strength of interface connection to the facepiece and eliminating any possibility for inadvertent separation or removal. The mask-mounted regulator design meets all requirements for the NFPA 1981, 2018 edition standard.

QUESTION
Can the Air-Pak X3 Pro SCBA be upgraded to meet the 2018 edition requirements of NFPA 1981/1982?

ANSWER
The Air-Pak X3 Pro was designed to be forward compatible when it comes to changing regulatory standards. With the exception of the new Universal EBSS (UEBSS), the Air-Pak X3 Pro will meet the design and performance requirements as proposed in the NFPA 1981/1982, 2018 edition standards.

As part of our continued focus to deliver value-added product solutions to meet the needs of our customers, Scott Safety will offer NFPA 2018 upgrade kits for any Air-Pak X3 Pro SCBA configuration that is purchased as a NFPA 1981/1982, 2013 edition model.

In an effort to minimize any financial impact to customers wishing to upgrade the Air-Pak X3 Pro to meet the NFPA 1981/1982, 2018 edition standards, Scott Safety will offer upgrade kits at a nominal fee.

Information regarding NFPA 2018 upgrade kits will be communicated at a later time, as the standards are released and upgrade kits become available. Availability of upgrade kits is estimated to be 9-12 months from the date of the NFPA 2018 certification for the Air-Pak X3 Pro.

QUESTION
Will Scott Safety continue to offer the Air-Pak X3 SCBA?

ANSWER
Scott Safety will continue to offer the Air-Pak X3 as part of its NFPA 1981/1982, 2013 edition SCBA portfolio.

At such time that the NFPA 1981/1982, 2018 edition standards become effective (estimated September 2018), SCBA manufacturers will be granted 12 months to continue to ship product labeled as certified to the 2013 edition of NFPA 1981/1982. Any SCBA shipped after that date would not be permitted to be labeled as certified to NFPA 1981/1982, 2013 edition.

For the 2018 edition, the Air-Pak X3 Pro will replace the Air-Pak X3 as being the only NFPA 1981/1982 approved SCBA offering.

For those customers that are currently using the Air-Pak X3, Scott Safety will continue to provide warranty and service support for an indefinite period.

QUESTION
What is the warranty on the Air-Pak X3 Pro SCBA?

ANSWER
The Air-Pak X3 Pro carries the same proven warranty as the Air-Pak X3 and Air-Pak 75 SCBA:

- Bumper-to-Bumper (10 years)
- Electronics (10 years)
- Pressure Reducer (15 years)

The warranty is designed to cover defects in workmanship and materials, and does not require any type of overhaul or mandatory parts replacement to maintain warranty coverage. With no hidden exclusions, the Air-Pak X3 Pro provides a low, lifetime cost of ownership that is unmatched in the industry. Furthermore, the warranty is backed by Scott's extensive network of service centers, ensuring that critical safety equipment is repaired and placed back into service with minimal downtime.

QUESTION
Will the Air-Pak X3 Pro SCBA require new PosiChek3 software to conduct annual flow testing?

ANSWER
No. Service Centers may continue to use their current Posi3 USB software to conduct flow testing of the Air-Pak X3 Pro.

To support changes in the NFPA 1981, 2018 edition standard, a new software revision will be required for existing Scott authorized service centers and will be made available at a nominal fee. Availability of this software revision will be communicated through Scott Technical Support.

QUESTIONS & ANSWERS

QUESTION
Will Scott Safety offer service kits to enable existing Air-Pak X3 users to upgrade to the Air-Pak X3 Pro?

ANSWER
The Air-Pak X3 Pro utilizes a different electronics package and backframe/harness design as compared to the existing Air-Pak X3 SCBA. For those customers that wish to take advantage of the Air-Pak X3 Pro enhancements without the added cost of purchasing new SCBA, Scott Safety will offer spare sub-assembly part numbers.

For those customers wishing to upgrade their harness only, the following part numbers are available, depending on the desired configuration.

Backframe & Harness, Parachute Buckle		
Description	**Part Number**	**Includes**
Back-Pak Assembly, Parachute Buckles	201615-01	Backframe, Shoulder Harness, Waist-to-Shoulder Straps (x2), Waist Pad, Waist Belts (male/female), Regulator Holder
*Cable Clamp Routing Kit, Standard	201669-02	Cable Routing Clamp (upper), Cable Routing Clamp (lower), Screws (x2)
**Dual EBSS Pouch	201611-01	Dual EBSS Pouch

* Requires two per SCBA
** Required only if SCBA is configured with Dual EBSS

Backframe & Harness, Alligator Buckle		
Description	**Part Number**	**Includes**
Back-Pak Assembly, Alligator Buckles	201615-02	Backframe, Shoulder Harness, Waist-to-Shoulder Straps (x2), Waist Pad, Waist Belts (male/female), Regulator Holder
*Cable Clamp Routing Kit, Standard	201669-02	Cable Routing Clamp (upper), Cable Routing Clamp (lower), Screws (x2)
**Dual EBSS Pouch	201611-01	Dual EBSS Pouch

* Requires two per SCBA
** Required only if SCBA is configured with Dual EBSS

For those customers wishing to upgrade their electronics only, the following part numbers are available, depending on the desired configuration.

Electronics, PASS		
Description	**Part Number**	**Includes**
PASS, Sensor Module	201160-24	Sensor Module, Pak-Tracker
PASS, Console, Standard, 2.2	201110-12	Console Standard
PASS, Console, Standard, 4.5	201110-11	Console Standard
PASS, Console, Standard, 5.5	201110-13	Console Standard
Hose Assy, Q/D, CGA	201136-03	Hose Assy, Q/D
Hose Assy, Q/D, Snap-Change	201136-04	Hose Assy, Q/D

Electronics, SEMS II Pro		
Description	**Part Number**	**Includes**
PASS, Sensor Module	201160-24	Sensor Module, Pak-Tracker
PASS, Console, SEMS II Pro, 2.2	201122-12	Console, SEMS II Pro
PASS, Console, SEMS II Pro, 4.5	201122-11	Console, SEMS II Pro
PASS, Console, SEMS II Pro, 5.5	201122-13	Console, SEMS II Pro
Hose Assy, Q/D, CGA	201136-03	Hose Assy, Q/D
Hose Assy, Q/D, Snap-Change	201136-04	Hose Assy, Q/D