



SCOTT™



3M™ Scott™ Air-Pak™ 75i

NIOSH-Approved
Self-Contained
Breathing Apparatus



Continuous innovations, consistent reliability.

The Air-Pak™ 75i SCBA for industrial and non-NFPA firefighting applications.



The 3M™ Scott™ Air-Pak™ 75i is a NIOSH-approved self-contained breathing apparatus (SCBA) designed with durability, dependability and user-focus in mind. The Air-Pak 75i SCBA features redundant safety features that are unique to 3M Scott such as a dual redundant pressure reducer and the E-Z Flo regulator with an audible and tactile vibralert personal alarm. The Air-Pak 75i is a highly versatile NIOSH-approved SCBA from 3M Scott, with features and options to suit a wide variety of applications.

Dependable durability

Featuring the streamlined backframe of the Air-Pak 75 platform, the Air-Pak 75i SCBA provides a comfortable fit with lower profile for greater freedom of movement to SCBA users in protective clothing during even the most rigorous of on-the-job activities.

The one-piece backframe is constructed of a lightweight, time-tested, durable aluminum alloy. It is designed to follow the back's contour and places the bulk of the SCBA's weight on the hips, where the fully padded waist belt provides comfortable support to the user. Padded shoulder straps further promote comfort.

Quick and reliable donning and doffing

Parachute-style, oversized harness fasteners designed with gloved hands in mind permit smooth, efficient adjustment for quick donning and doffing. While securely retaining the shoulder straps, the fasteners minimize harness wear and tear, even with frequent use.

An enhanced latching system with a durable para-aramid fabric band allows for quick and efficient cylinder changes. Simple adjustment of a cam-over center slide permits the installation of 30-, 45-, 60- or 75-minute rated duration cylinders.

Easy to breathe

The 3M™ Scott™ E-Z Flo mask-mounted regulator responds rapidly and efficiently to the user's demand for air, helping to enable easy breathing, especially during periods of peak physical performance. From first-breath activation, 3M Scott offers an SCBA with excellent breathing performance and airflow, reducing inhalation and exhalation resistance to help minimize user fatigue.

Top Down Convertibility

The 3M™ Scott™ Air-Pak™ 75i SCBA features Top Down Convertibility, which allows for an increase in versatility and compatibility with the 3M Scott product line. This design concept enables a user to be trained and fit-tested on a single facepiece to be used for SCBA, air-supplied or air-purifying respiratory protection. Top Down Convertibility simplifies training, minimizes equipment inventories and reduces costs associated with fit-testing multiple facepieces for each employee.

Redundant Safety Features

- The 3M™ Scott™ Air-Pak™ 75i SCBA features the Scott E-Z Flo regulator with Vibralert end-of-service-time indicator. This audible and tactile alarm warns the user of low pressure or a reduction in primary pressure by gently vibrating the user's facepiece. This tactile personal alarm minimizes the chance the user's alarm will go unnoticed or be confused with another SCBA user's alarm or outside noise.
- The 3M™ Scott™ Air-Pak™ 75i SCBA features a unique dual-redundant pressure reducer. Unlike all other SCBA manufacturers, 3M Scott actually provides two pressure reducers in one, interconnected through an automatic transfer valve. A reduction in primary pressure for whatever reason would trigger an automatic transfer to the secondary circuit. The user is alerted to this transfer by 3M Scott's Vibralert alarm, enabling the user to focus attention on safely exiting the hazardous area while providing an uninterrupted supply of air through the secondary circuit.

Ease of Use

- The E-Z Flo regulator's mounting system has a track record of proven performance. A quick quarter turn of the regulator ensures a positive locking mount that prevents it from being accidentally knocked loose. This easy breathing regulator automatically activates the flow of air with the user's first breath. Air entering the facepiece is directed over the lens to help reduce fogging.
- An air-saver switch, angled for easy operation with a gloved hand, stops the free flow of air during donning and doffing. This gives the user the advantage of placing the SCBA in a standby mode with an activated cylinder. That means the user can be suited up and ready for action without expending cylinder air.

Air-Pak 75i SCBA



E-Z Flo Regulator with Vibralert

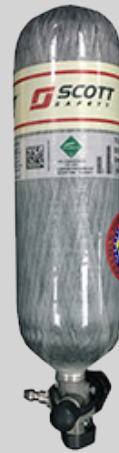
- Includes purge valve and air saver switch
- Provides audible and tactile alarm
- Simple quarter turn to don
- Easy to don while wearing heavy work gloves
- Two step secure attachment
- Audible click when locked in place
- Flat gasket seal helps prevent dislodging and potential leakage
- Optional Quick Connect for easy removal from SCBA

5.5: The Lighter, Smaller Cylinder For Your SCBA

Responding to the need for a smaller, lighter SCBA, 3M Scott created the new 5.5 Air-Pak SCBA. By increasing the pressure in the cylinder to 5500 psig, 3M Scott was able to maintain the traditional form, durability and capacity of the standard cylinder while offering a reduction in both weight and profile.

5500 psi cylinder durations include:

- 30-minute
- 45-minute
- 60-minute
- 75-minute



5500 psi Cylinder

The Air-Pak™ 75i SCBA is the first NIOSH-approved SCBA available in 5500 psi pressure variant and 75-minute cylinder duration.

The 75-minute cylinder is ideal for HAZMAT or other applications requiring long duration.

Ordering Information

| SCBA Model | Harness | Pressure (psig) | Cylinder ① | Regulator ③ | EBSS | Airline Options ② | Facepiece ④ | Console | Case | Packaging |
|--------------------|-----------------------------|---------------------|------------|--|-----------|--------------------|---------------------------------|------------------|-------------|---------------|
| 4 Air-Pak 75i SCBA | 5 Kevlar®/ Parachute Buckle | 2 2216 | 00 None | 1 E-Z Flo with Vibralert | 0 No EBSS | 0 None | 0 None | 1 Gauge | 0 None | 1 One Per Box |
| | | 4 4500 | | 2 E-Z Flo with Vibralert Quick Disconnect (QD) | 2 EBSS | 1 Hansen | 3 AV-3000 SureSeal, Kevlar® (M) | 3 Gauge/HUD/PASS | 1 Hard Case | |
| | | 5 2216 with RIC/UAC | | 5 E-Z Flo with Vibralert / HUD | | 2 Schrader | | 4 Gauge/HUD | 2 Soft Case | |
| | | 7 4500 with RIC/UAC | | 6 E-Z Flo with Vibralert Quick Disconnect (QD) / HUD | | 4 Hansen HK Plug | | | | |
| | | 8 5500 | | | | 5 Hansen HK Socket | | | | |
| | | 9 5500 with RIC/UAC | | | | | | | | |

Part Number:
Select a one or two digit number per box from the chart above that corresponds to your choice.

| | | | | | | | | | | | |
|-----|---|---|---|----|---|---|---|---|---|---|---|
| APi | 4 | 5 | X | 00 | X | X | X | X | 1 | X | 1 |
|-----|---|---|---|----|---|---|---|---|---|---|---|

- ① Order cylinders separately.
- ② Airline options not available when dual EBSS is installed on Air-Pak 75i SCBA. To use EBSS with an extended duration airline, order appropriate Check Adapter Assembly separately, PN 200112-xx.
- ③ When selecting an E-Z Flo with Heads-Up Display (HUD), you must select Gauge/HUD/PASS or Gauge/HUD for the Console.
- ④ If you prefer an alternate Facepiece style, head harness, or size, choose "none" and order an approved facepiece as a separate line item.

Air-Pak™ 75i SCBA Components and Accessories



AV-Series Facepieces

3M™ Scott™ AV-3000 series facepieces are interchangeable with 3M Scott's NIOSH-approved SCBA, supplied air respirators and air-purifying respirators as well as 3M Bayonet cartridges and filters. The AV-3000 HT is approved with SCBA certified to the NFPA 1981 standard.



Emergency Breathing Safety System (EBSS) / Airline Option Buddy-Breathing System

The EBSS on the Air-Pak 75i SCBA allows more than one individual to access the same SCBA breathing air for emergency escape use only. While connected in this manner, the SCBA becomes an escape respirator and the NIOSH approval is void. The EBSS can be paired with an adapter to allow users to connect to an extended duration airline.



Aluminum / Carbon Fiber Cylinders

3M Scott cylinders are built to Department of Transportation (DOT) and Transport Canada (TC) specifications with working pressures of 2216, 3000, 4500 or 5500.



EPIC 3 Voice Amplifier

EPIC 3 Communications Systems Streamlined, robust and lightweight, providing modular person-to-person communications when used with facepieces. Available in a simple voice amplification model or with additional Bluetooth® connection to LTE device or portable radio.



3M™ Scott™ Mobile Air Cart

The 3M™ Scott™ Mobile Air Cart is a compact portable air source that accommodates two cylinders, helping to provide an uninterrupted supply of breathing air for multiple users for several hours. It also has a high-pressure inlet source that allows the use of a compressor or cascade system as the primary air source.



These respirators help to protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as part of the product packaging. A written respiratory protection program must be implemented meeting all requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of applicable jurisdiction, as appropriate. Improper use may result in sickness or death. For correct use, see supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



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