



SCOTT™
Fire & Safety

Reliable respiratory protection for hazardous environments.

Your Interactive Guide for selecting
a 3M™ Scott™ Supplied-Air Respirator.

Enter

Global Leader in Atmosphere-Supplying Respiratory Solutions

From identifying hazards to providing education and training, we can help get your job done safely.



Mining, Oil & Gas



Fire & Rescue



Energy & Utilities



Transportation



Defense & Law Enforcement



Construction



Heavy Manufacturing



Food, Beverage, & Agriculture



Chemical & Pharmaceutical



Healthcare

3M™ Scott™ Fire & Safety offers a **range of Industrial Breathing Apparatus solutions** that are intertwined with our daily lives. Whether it's a Self-Contained Breathing Apparatus (SCBA), a Combination Supplied-Air Respirator (SAR) or an Emergency Escape Breathing Device (EEBD), **these respirators are designed to function effectively in tough conditions.** They are the gear you need when everything's on the line.

Think about the:

- Water treatment plants that deliver safe water to our homes,
- Natural gas fields that energize our cities,
- Power plants offering indispensable energy for our daily lives.

These industries depend on workers to keep them functioning and 3M™ Scott™ Fire & Safety provides solutions to help keep them safe.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Contents

How to navigate through this interactive selection guide brochure:

Click on the above table or the home (contents page) or arrow icons below to navigate.



Did You Know?

represents the importance of using the right respiratory protection equipment, using confined space as an example.



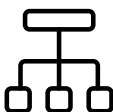
Choose with Confidence

represents an overview of the proven technology offered by 3M™ Scott™ Fire & Safety. This section contains part 1 and 2.



Selecting Your System

represents several considerations for different work environments. This section contains part 1 and 2.



Decision Tree

represents a quick guide for selecting the right Supplied-Air Respirator.



3M™ Scott™ Supplied-Air Respirators

represents the different Features and Benefits of 3M™ Scott™ Supplied-Air Respirators. This section contains part 1, 2 and 3.



Where Are They Used?

represents the recommended industries and applications.



Selection Guide

represents a table that supports you with choosing the right respirator for your work environment.



Guide to Features and Benefits

represents a table that supports you with learning more about the different features and benefits of 3M™ Scott™ Supplied-Air Respirators.



Resources

represents different content such as flyers, ordering information, brochures, catalogs and the most frequently asked questions. This section contains part 1, 2 and 3.



Contact us

represents our 3M helpline details to get in touch with our respiratory protection specialists.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

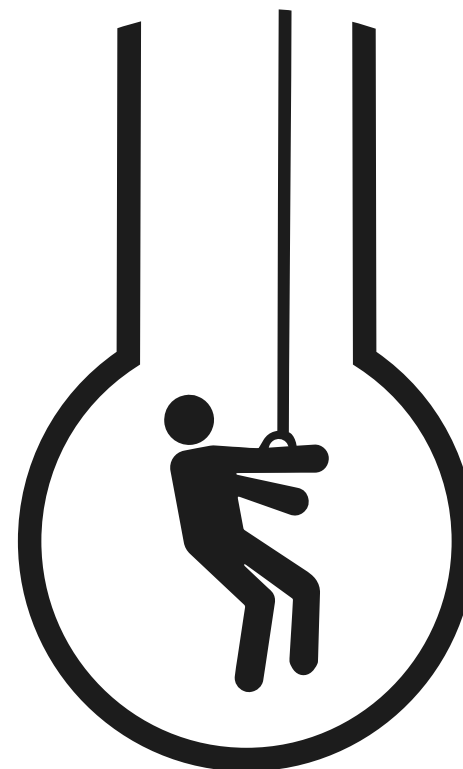
Did You Know?

In a review of multi-fatality incidents,  **60%** of deaths are would-be rescuers.

More people die attempting to rescue others than the initial workers in distress.

Pressure-demand supplied-air respirators (PD-SAR) are used in various operations. **In cases where atmospheric contaminants are unknown or concentrations may be unstable**, a supplied-air respirator with an emergency self-contained breathing apparatus (eSCBA) may be worn.

Confined space work requires careful consideration of both known and unknown hazardous atmospheres. If an atmospheric hazard is anticipated, workers should utilize supplied-air respirators with an escape cylinder, such as the 3M™ Scott™ Ska-Pak Supplied-Air Respirators that **provides respiratory protection during entry into, while working in, and escape from atmospheres that could be Immediately Dangerous to Life or Health (IDLH) or could become IDLH.**



Sources:

<https://ohsonline.com/articles/2018/08/01/we-must-change-the-statistics-of-confined-space-injuries-and-fatalities.aspx>

An investigation into the rate and mechanism of incident of work-related confined space fatalities, Selman et al., Safety Science 109 (2018) 333.-343

Bond, J., 1996. The Hazards of Life and All That: A Look at Some Accidents and Safety Curiosities, Past and Present. Institute of Physics Publishing, Bristol, United Kingdom.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Choose with Confidence

When you choose 3M™ Scott™ Supplied-Air Respirators, you’re choosing **proven performance and protection.**

The 3M™ Scott™ Ska-Pak and E-Z Airline Supplied-Air Respirators offer a wide range of options for optimal performance and **utilize the 3M™ Scott™ AV-3000 Series Facepieces, enabling Top-Down Convertibility.**

Top-Down Convertibility allows for the use of a single facepiece across multiple respirators, **helping to reduce total cost of ownership.**

Approved Configurations:



- Single facepiece for multiple applications
- Reduces fit-testing, cost, and training
- Lower total cost of ownership

AV-Series facepieces for comfort, fit and performance



Offered in **3 sizes** and with head harness options to optimize worker fit and comfort.

Incorporates **dual voicemitters** for enhanced voice transmission around the wearer.

Fully open port for ease of communication while off air, ease of maintenance, and with no exhalation valve to clean or manipulate.

Compatible with the **EPIC 3 communication devices.**



Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Choose with Confidence

A well-established model used across multiple 3M™ Scott™ SCBA and SAR products offers proven reliability.



The E-Z Flo regulator with proven durability and low breathing resistance



- ▶ Easy to don while wearing work gloves.
- ▶ Simple quarter-turn attachment provides audible click when connected to the facepiece.
- ▶ Quarter-turn attachment secures the regulator to the facepiece, helping to prevent accidental dislodging.



- ▶ Wide gasket improves sealing surface to the facepiece, helping to prevent air leakage.



- ▶ Utilizes a Vibralert End-of-Service-Time Indicator (EOSTI), which provides an audible alarm and tactile vibration to warn the user of transfer to cylinder air (3M™ Scott™ Ska-Pak AT SAR only).

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Selecting Your System

IDLH or potential IDLH conditions.



There is often a need for workers to carry out tasks in an IDLH or potentially IDLH atmosphere, which could include working in a tight space or for a prolonged period. In many cases, SCBA may not be a practical solution due to its limited cylinder duration and large size. **A supplied-air respirator connected to an external air source via an airline and equipped with a smaller escape cylinder can be an effective solution for extended periods of time.**

3M™ Scott™ Fire & Safety offers pressure-demand supplied-air respirators with or without escape cylinders for protection against respiratory hazards.

For non-IDLH conditions

- Escape cylinder is not required.
- The 3M™ Scott™ E-Z Airline Supplied-Air Respirator is an option for use when extended wear times are required in non-IDLH environments.

For IDLH or potential IDLH conditions

- Escape cylinder is required.
- The 3M™ Scott™ Ska-Pak Supplied-Air Respirator models are combination Type C positive pressure respirators with an emergency self-contained breathing apparatus (eSCBA) that provides respiratory protection during entry into, while working in, and escape from atmospheres that could be IDLH or could become IDLH.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Selecting Your System

What to consider.

Before specifying a supplied-air respirator, it is imperative that you conduct a thorough risk assessment of the intended work site and that the required equipment advised by that assessment are in place before any tasks are performed.

Depending upon the answers provided by the risk assessment, the 3M™ Scott™ Supplied-Air Respirators **provide effective solutions to these important considerations.**



Primary air source:

- This can be piped in plant air supplied by a large volume compressor or a bank of compressed air cylinders.
- Always ensure that the air source meets breathing air quality requirements.



Reserve air supplies:

Do you need to provide a more mobile supply of air?

- In addition to being a portable air supply system, the 3M™ Scott™ Mobile Air Cart and Technical Rescue Cart (TRC-1) can be used as a backup system in the event of primary air source interruption.



Connecting the system:

How are you going to connect the users to their air supply?

- 3M™ offers a wide range of approved airline hoses and coupling assemblies for use with the 3M™ Scott™ Airline Respirators to connect the airline connection hose of the respirator to a remote breathing air supply system.



Choosing the right supplied-air respirator for the job at hand:

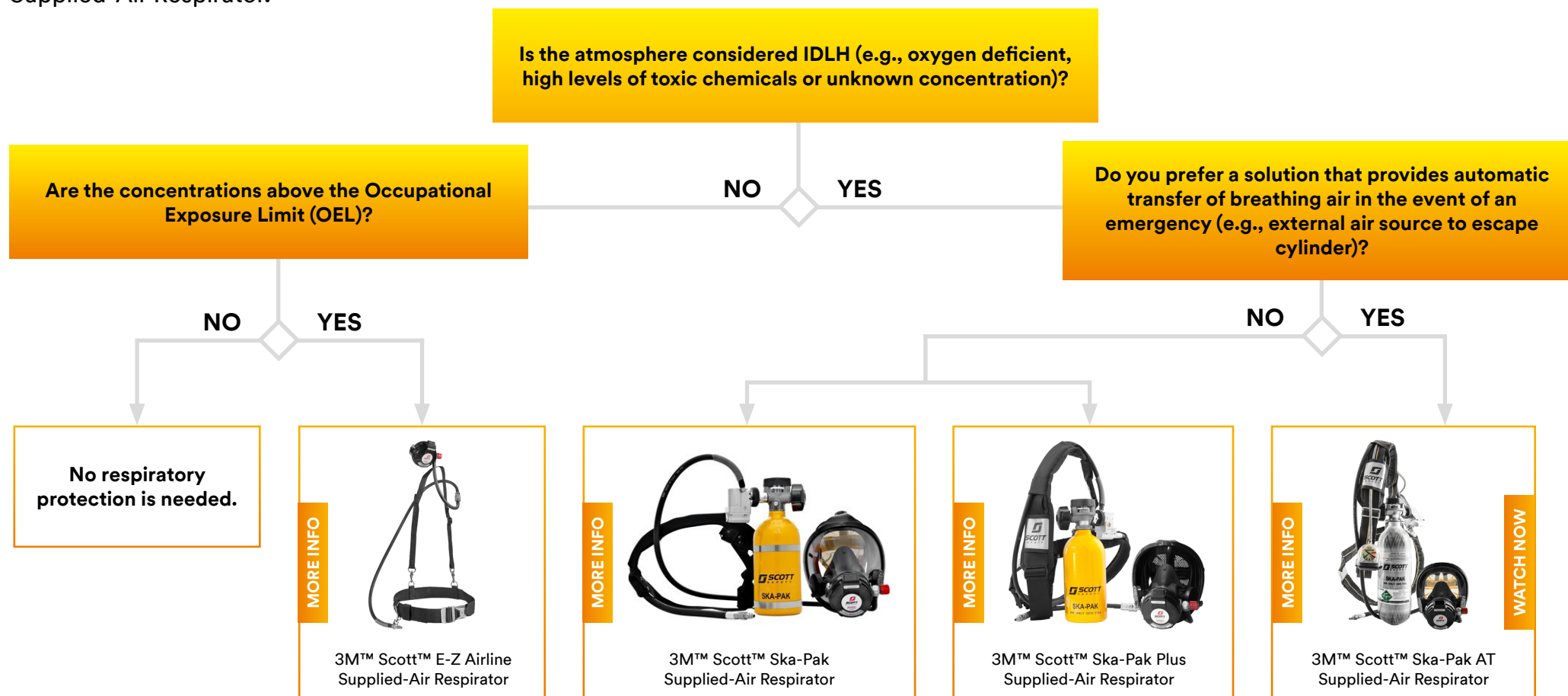
Is the wearer working in a confined space or potentially hazardous atmosphere?

- 3M™ Scott™ Fire & Safety offers a solution that automatically activates the emergency escape cylinder in the event the supplied airline is disrupted.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Supplied-Air Respirator Decision Tree

A quick guide for selecting the right 3M™ Scott™ Supplied-Air Respirator.



Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

3M™ Scott™ Supplied-Air Respirators



Comfort and protection for extended wear times.

3M™ Scott™ E-Z Airline Supplied-Air Respirator

Product Features:

- Type C pressure-demand respirator for **non-IDLH** environments.
- Ideal for use where extended wear times are needed in environments that are non-IDLH, such as **painting, plant maintenance operations and welding**.
- NIOSH approved with 3M Scott AV-series and Weld-O-Vista facepieces.
- Available with a wide range of **fittings and approved hoses** (up to 300 feet.).
- E-Z Flo Regulator with Modulair Quick Connect option **enables easy removal when needed**.



Ease of use and versatility.

3M™ Scott™ Ska-Pak Supplied-Air Respirator

Product Features:

- Combination Type C positive pressure respirator with escape cylinder for entry into or escape from hazardous, confined space, or IDLH environments.
- Available with two harness styles: Fire resistant Kevlar® or polypropylene harness.
- The E-Z Flo regulator is designed for **easy use with gloved hands**, enables **easy breathing**, and has a **two-step secure attachment** and removal to help ensure worker confidence.
- Available in 2216 and 4500 psig and 5 or 15-minute rated-cylinder egress options for versatility based on job at hand.
- Hip-mounted cylinder with a durable, secure cylinder band retention system.
- NIOSH approved for use with 3M Scott AV-series facepieces that can also be used for APR, PAPR, SAR and SCBA applications.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

3M™ Scott™ Supplied-Air Respirators



Ease of use and versatility.
**3M™ Scott™ Ska-Pak Plus
Supplied-Air Respirator**

Product Features:

- Combination Type C positive pressure respirator with escape cylinder for entry into or escape from hazardous, confined space or IDLH environments.
- Available with two padded harness styles: Fire resistant Kevlar® or nylon harness either equipped with shoulder padding for worker comfort.
- E-Z Klip cylinder retention system for **quick, easy cylinder change out**.
- Available in 2216, 3000 and 4500 psig and 5, 10 or 15-minute rated-cylinder egress options for selection versatility based on job at hand.
- The E-Z Flo regulator is designed for **easy use with gloved hands**, enables **easy breathing**, and has a **two-step secure attachment** and removal to help ensure worker confidence.
- NIOSH approved for use with 3M Scott AV-series facepieces that can also be used for APR, PAPR, SAR and SCBA applications



One of 3M's most advanced
supplied-air respirators.

**3M™ Scott™ Ska-Pak AT
Supplied-Air Respirator**

Product Features:

- Combination Type C positive pressure respirator with escape cylinder for entry into and escape from hazardous, confined space or IDLH environments.
- **Hands-free, automatic transfer** from external air source to escape cylinder in the event of primary air source interruption.
- Personal, tactile and audible Vibralert alarm **to warn users of transfer to cylinder air**.
- Available with two padded harness styles: Fire resistant Kevlar® or nylon harness either equipped with shoulder padding for worker comfort.
- E-Z Klip cylinder retention system for **quick, easy cylinder change out**.
- Available in 2216, 3000 and 4500 psig and 3, 5, 10 or 15-minute egress cylinder with "onboard" cylinder low pressure indicator **for added safety and awareness**.
- The E-Z Flo regulator with Vibralert is designed for **easy use with gloved hands**, enables **easy breathing**, and has a **two-step secure attachment** and removal to help ensure worker confidence.
- NIOSH approved for use with 3M Scott AV-series facepieces that can also be used for APR, PAPR, SAR and SCBA applications.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

3M™ Scott™ Supplied-Air Respirators



Portable. Reliable. Easy To Operate.
3M™ Scott™ Mobile Air Cart

Product Features:

- Available with either two or four-outlets **with easily accessible airline respirator connections.**
- Large wheels, a portable lightweight design and a low center of gravity for **ease of mobility and maneuverability.**
- Compact frame with retractable handle for **easy storage and enhanced portability.**
- High-pressure inlet supply connection to enable use of a high-pressure airP supply such as a compressor or cascade system.
- Regulator for dependable and reliable outlet pressure adjustment.
- **Audible, pneumatic whistle alarms** user when cylinder pressure is low.
- Optional two-tool supply manifold on four-outlet cart.
- For use with 2216, 4500 and 5500 psig cylinders.
- An optional “**Tool Adapter**”, PN 200388-01 is available to enable use of Snap-Change cylinders.



Durable. Compatible. Dependable.
3M™ Scott™ TRC-1 Air Cart

Product Features:

- Provide a portable supply of breathing air **for up to eight respirators simultaneously.**
- High-pressure inlet supply connector enables use of a high-pressure air supply such as a compressor or cascade system.
- Air source selector switch for the ability to utilize common or isolated air sources on the left and right outlet banks; this enables the cart to **provide separate, dedicated air sources for both a primary work team and a rescue team** utilizing cylinders and the high-pressure inlet supply.
- Regulators on the respirator and auxiliary supply side provide for independent adjustment of outlet pressures.
- **Audible, aspirating end-of-service whistle alarm** indicating low cylinder pressure and a loud, pneumatic end-of-service bell indicating low-pressure condition on the auxiliary high-pressure inlet source.
- For use with 2216, 4500 and the 5500 psig cylinders.
- An optional “**Tool Adapter**”, PN 200388-01 is available to enable use of Snap-Change cylinders.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Where Are They Used?

Industries and Applications.



Recommended industries and applications for 3M™ Scott™ Ska-Pak Supplied-Air Respirators



Mining,
Oil & Gas



Chemical



Marine



Transportation



Utilities



General
Manufacturing



Ship
Building



Food
processing



Confined
Space



Shutdown



Industrial
Maintenance



HAZMAT
Handling

Recommended industries and applications for 3M™ Scott™ E-Z Airline Supplied-Air Respirator



Mining,
Oil & Gas



Chemical



Marine



Transportation



General
Manufacturing



Utilities



Food
processing



Shutdown



Industrial
Maintenance



Painting
& Coating

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Supplied-Air Respirator Selection Guide

Choosing the right supplied-air respirator for your work environment is highly dependent upon your application, the duration of use, and the hazards you may encounter.

	3M™ Scott™ E-Z Airline SAR	3M™ Scott™ Ska-Pak SAR	3M™ Scott™ Ska-Pak Plus SAR	3M™ Scott™ Ska-Pak AT SAR
Assigned Protection Factor (APF)	1000	10,000	10,000	10,000
2216 psig Aluminum	×	5 minutes	5 minutes	3 minutes
3000 psig Carbon	×	×	5 and 10-minutes	5 and 10-minutes
4500 psig Carbon	×	15 minutes	15 minutes	15 minutes
Automatic Transfer Capability	×	×	×	✓
Cylinder Attachment System	×	Cylinder clamp	E-Z Klip cylinder retention system	E-Z Klip cylinder retention system
E-Z Flo Regulator	✓	✓	✓	✓
Regulator with Vibralert	×	×	×	✓
Regulator with Quick Disconnect	Optional	×	Optional	Optional
Harness Style option	Nylon	Polypropylene or Kevlar®	Padded Nylon or Padded Kevlar®	Padded Nylon or Padded Kevlar®
Approved with AV-3000 Series Facepieces	✓	✓	✓	✓
Optional “E-Z Fill” Cylinder Valve	×	4500 psig only	3000 and 4500 psig only	×
NIOSH 42 CFR Part 84 approved	✓	✓	✓	✓
End-of-Service-Time Indicator (EOSTI)	×	×	×	✓
Remote Pressure Gauge with Electronic Alarm	×	×	×	✓

Note: For more details on some of the features and benefits, kindly go to Guide to Features and Benefits.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Guide to Features and Benefits

Feature	Benefit
Automatic Transfer (AT)	A hands-free transfer that can detect an interruption in the supplied-airline air pressure and automatically switch to the hip-mounted escape cylinder air.
End-of-Service-Time Indicator (EOSTI)	The Vibralert alarm warns the user with both an audible and tactile warning that the air supply hose pressure has been disrupted and the respirator has transferred to the cylinder air, indicating it is time to leave the potentially hazardous environment.
Remote Pressure Gauge with Electronic Alarm	The electronic alarm red light will continuously flash if the escape cylinder pressure has dropped below 90% (+/-5%) of full volume, indicating to the user of an airline disruption.
E-Z Fill Cylinder Valve	Auxiliary fitting that facilitates direct connection to high-pressure cylinder charging systems to reduce the time necessary to allow refill stations to fill escape cylinders.
E-Z Klip cylinder retention system	E-Z Klip cylinder retention system for quick and easy cylinder change-out.
Cylinder clamp	Cylinder clamp for a durable, secure cylinder band retention system.
Regulator with Quick Disconnect (QD)	Allows the user to easily remove the regulator from the rest of the respirator.

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Resources

Flyers for the Ska-Pak models.

3M | SCOTT

Flyer

3M™ Scott™ Ska-Pak Supplied-Air Respirator



Supplied-Air Respirator

The Ska-Pak supplied-air respirator (SAR) is a combination escape SCBA and SAR that offers emergency respiratory protection for a variety of applications, including maintenance work, hazardous materials handling, turnarounds and confined space operations.

The Ska-Pak respirator is versatile and can be used in numerous markets, including chemical, food processing, petrochemical, oil and gas, ship building and public utilities.

It is designed for use in hazardous atmospheres including those identified as immediately dangerous to life or health (IDLH)—environments with little or no oxygen, with high concentrations of contaminants or where concentrations of contaminants are unknown.

Product Highlights

- Combination Type C positive pressure respirator with escape cylinder for entry and escape from a hazardous, confined space or immediately dangerous to life or health (IDLH) situation
- Includes E-Z Flo pressure-demand regulator with first-breath activation and low exhalation resistance for easy breathing and reduced user fatigue
- 5 or 15-minute rated cylinder egress options for selection versatility based on the task at hand
- Optional "E-Z Fill" auxiliary fitting facilitates direct connection to high-pressure cylinder charging systems to enhance efficiency
- Hip-mounted cylinder with a durable, secure cylinder band retention system
- Two harness styles:
 - Polypropylene that is lightweight
 - Fire-resistant Kevlar® for high heat environments or when there is potential for sparking

3M | SCOTT

Flyer

3M™ Scott™ Ska-Pak Plus Supplied-Air Respirator



Supplied-Air Respirator

The Ska-Pak Plus supplied-air respirator (SAR) is a combination escape SCBA and SAR that offers emergency respiratory protection in hazardous atmospheres, including those identified as immediately dangerous to life or health (IDLH).

This respirator features either a padded nylon or padded Kevlar® harness for additional comfort in extended wear applications and the E-Z Klip cylinder retention mechanism for quick and easy cylinder change-out.

The Ska-Pak Plus respirator is versatile and can be used in numerous markets, including chemical, food processing, petrochemical, oil and gas, ship building and public utilities for applications like confined space entry, hazardous materials handling, general maintenance and turnarounds.

Product Highlights

- Includes E-Z Flo pressure-demand regulator with first-breath activation and low exhalation resistance for easy breathing and reduced user fatigue
- 5, 10, or 15-minute rated cylinder egress options for selection versatility based on the job at hand
- Optional "E-Z Fill" auxiliary fitting facilitates direct connection to high-pressure cylinder charging systems to enhance efficiency
- E-Z Klip cylinder retention system for quick and easy cylinder change-outs
- Three harness styles:
 - Padded Nylon that is designed to be comfortable and lightweight
 - Padded fire-resistant Kevlar® for high heat environments or when there is potential for sparking

3M | SCOTT

Flyer

3M™ Scott™ Ska-Pak AT Supplied-Air Respirator



Automatic-Transfer, Added Peace-of-mind.

The Ska-Pak AT respirator is the most advanced pressure-demand supplied-air respirator from 3M™ Scott™ Fire & Safety, equipped with the added benefit of a patented, automatic, hands-free air transfer capability.

If the primary air supply to the respirator is interrupted, the air source is instantly switched to the portable air cylinder without user intervention. Upon transfer, the VibrAlert tactile alarm system activates, vibrating the user's forepiece and alerting the user that the respirator has transferred to cylinder air.

The Ska-Pak AT supplied-air respirator is ideal for many applications, including confined space operations, hazardous materials clean-up and maintenance jobs for numerous markets, including chemical, petrochemical, oil and gas, ship building and public utilities.

Product Highlights

- Combination Type C positive pressure respirator with escape cylinder for entry and escape from hazardous, confined space or immediately dangerous to life or health (IDLH) situations
- Automatic, hands-free transfer from external air source to cylinder in the event of primary air source interruption to help reduce worker panic
- Personal, tactile VibrAlert alarm to alert users of transfer to cylinder air and enable prompt escape
- Onboard cylinder gauge and 90% air remaining lighted alarm for added safety and awareness
- E-Z Klip cylinder retention system for quick and easy cylinder changes
- Three harness styles:
 - Padded Nylon that is designed to be comfortable and lightweight
 - Padded fire-resistant Kevlar® for high heat environments or when there is potential for sparking



The 3M™ Scott™ Ska-Pak Supplied-Air Respirators are available in different configuration options. Please contact a 3M sales or technical service representative for assistance.

DOWNLOAD

DOWNLOAD

DOWNLOAD

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Resources

Flyers, Catalogs and Brochures.

3M™ Scott™ E-Z Airline Respirator

Comfort And Protection for Extended Wear Times

The 3M™ Scott™ E-Z Airline supplied air respirator is ideal protection when extended wear times are required in non-IDLH environments. The Scott™ E-Z Airline provides comfort and protection in a variety of industrial applications including painting, plant maintenance operations, and welding.

As a Type C positive pressure respirator, the Scott™ E-Z Airline supplied air respirator can be used with various lengths of 3M Scott supplied air hose for a combined total of up to 300 feet. While providing an overall simplistic design, each component is carefully specified and manufactured to provide the comfort you want and the protection you deserve.

Product Highlights

- Type C positive pressure respirator for non-IDLH environments
- Ideal protection and comfort for extended wear times
- Uses AV Series facepieces which can also be used with any Scott APR, SAR or NIOSH LCBA
- Available with a wide range of fittings and approved hoses, up to 300 ft.
- 3M™ Scott™ E-Z Airline with Modular™ Quick Connect option enables easy removal when needed

3M™ Scott™ Mobile Air Cart

DOWNLOAD

3M™ Scott™ TRC-1 and Mobile Air Carts

3M™ Scott™ Mobile Air Cart

Portable, Reliable, Easy to Operate

The 3M™ Scott™ Mobile Air Carts are equipped with:

- Large wheels, a portable lightweight design and a low center of gravity for ease of mobility and maneuverability
- Compact frame with retractable handle for easy storage and enhanced portability
- High-pressure inlet supply connector to enable use of a high-pressure air supply such as a compressor or cascade system
- Failsafe-open, sealed regulator for dependable and reliable outlet pressure adjustment
- Available with either two-outlets or four-outlets with easily accessible airline respirator connections
- Low, pneumatic whistle audibly alerts user when cylinder pressure is low
- Optional low tool supply manifold on four-outlet cart, checked-valved internally to prevent contamination of respirator manifolds
- Now manufactured for use with 225, 4500 and 5500 psi cylinders

3M™ Scott™ TRC-1 Air Cart

Durable, Competitive, Dependable

The 3M Scott TRC-1 Air Carts are equipped with:

- Eight outlet ports which can provide an uninterrupted supply of breathing air for up to eight respirators simultaneously
- High-pressure inlet supply connector enables use of a high-pressure air supply such as a compressor or cascade system
- Air source selector switch for the ability to utilize common or isolated air sources on the left and right outlet banks. It also enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team utilizing cylinders and the high-pressure inlet supply
- Independent fail-safe-open, sealed regulators on the respirator and the auxiliary supply side provide for independent adjustment of outlet pressures
- Low, separating end-of-service whistle alarm indicating low cylinder pressure and a low, pneumatic end-of-service bell indicating low-pressure condition on the auxiliary high-pressure inlet source
- Internal check valves to prevent manifold contamination with use of tools
- Now manufactured for use with 225, 4500 and the 5500 psi cylinders
- An optional "Tool Adapter," P/N 020388-01 is available to enable use of many charge cylinders

DOWNLOAD

Industrial Safety Solutions

2021 Product Catalog

DOWNLOAD

3M™ Scott™ AV-3000 Series Facepieces

Reliable facepieces for work environments.

DOWNLOAD

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Resources

Frequently Asked Questions.



Questions and Answers

3M™ Scott™ E-Z Airline Supplied Air Respirator

Question
What is the E-Z Airline Supplied Air Respirator?

Answer
The E-Z Airline is a NIOSH approved Type C airline respirator for non-IDLH environments. The E-Z Airline is designed to supply clean breathing air to a user from a remote source. The airline respirator consists of a facepiece, facepiece-mounted regulator, harness and hose assembly.

Question
What are some of the advantages of E-Z Airline?

Answer
The E-Z Airline comes standard equipped with an E-Z Flo Modular regulator, allowing for personal issue regulators that can also be used with the Industrial SCBA (ISCSA), Ska-Pak Plus supplied air respirator, and ACSD SCBA. This option contributes to simplified and reduced training and maintenance costs across the Scott air supplied respirator product family.

Question
How does the E-Z Airline respirator take advantage of 3M Scott's Top-Down Convertibility?

Answer
The E-Z Airline respirator is compatible with 3M Scott's AV-series facepieces, offering Scott's exclusive Top-Down Convertibility. This design platform, pioneered by Scott, allows one facepiece to be used on numerous respiratory protection products, from supplied air to air purification. This one-facepiece concept reduces costs of inventorying, training, and fit-testing multiple facepieces for each employee. These benefits include:

- **Simplified respirator user training programs.** Since some components may be used across the Scott product line, user training is more effective. A respirator user now only needs to be familiar with one facepiece, which can be used on the E-Z Airline as well as other Scott respirators.
- **Reduced equipment costs.** Again, because the user requires only one facepiece for various types of respirators, equipment costs are reduced.

Question
Where can the E-Z Airline be used?

Answer
As with any Type C respirator, the E-Z Airline should not be used in an atmosphere which is IDLH -- or could become -- IDLH (Immediately Dangerous to Life or Health). It is only approved for use in a non-IDLH environment from which a user could safely escape without use of a self-contained breathing apparatus.

Like all respirators, E-Z Airline should only be used under the direction of your company's respiratory protection program.

Typical E-Z Airline applications include in-plant maintenance, painting and coating operations.

Question
How is air supplied?

Answer
Breathing air is supplied to E-Z Airline from a remote source. This source may be a permanent or portable cascade system, or an in-plant system for compressed breathing air.

- **Reduced fit-testing time and costs.** Because the user can wear the same facepiece on various types of respirators, fit-testing is easier and more efficient. There is no need to fit-test on alternate facepieces for different applications.

DOWNLOAD



Questions and Answers

3M™ Scott™ Ska-Pak Supplied-Air Respirator

Question
What are the key features of the Ska-Pak Supplied-Air Respirator?

Answer

- Type C combination Supplied-Air Respirator with escape cylinder that is NIOSH approved to provide respiratory protection during entry into, work in and escape from hazardous, confined space, or immediately dangerous to life or health (IDLH) situations.
- The E-Z Flo regulator is designed for easy use with gloved hands, enables easy breathing, and has a two-step secure attachment and removal to help ensure worker confidence.
- A cylinder valve mounted pressure gauge.
- Optional "E-Z FIT" auxiliary fitting facilitates direct connection to high-pressure cylinder charging systems to enhance efficiency (only available with the 4500 psi cylinder).
- Hip mounted cylinder with a durable, secure cylinder band retention system.
- Two harness styles: Fire Resistant Kevlar® or polypropylene harness.
- Multiple cylinder pressures, durations, and airline connector options.
- Top-Down Convertibility.

Question
How is air supplied?

Answer
Breathing air is supplied to Ska-Pak SAR from a remote source. This source may be a permanent or portable cascade system, or an in-plant system for compressed breathing air.

Question
What type of supply air should be used?

Answer
As a Type C respirator, the Ska-Pak SAR requires an air supply that meets the requirements of the Compressed Gas Association (CGA) for Grade "D" or better breathing air. These requirements include air containing no less than 19.5 percent oxygen.

Complete information on CGA requirements may be obtained by requesting the Commodity Specification for Air from CGA Inc., 14501 George Center Way, Suite 103, Chantilly, VA 20151-2923.

DOWNLOAD



Questions and Answers

3M™ Scott™ Ska-Pak Plus Supplied-Air Respirator

Question
What is the 3M™ Scott™ Ska-Pak Plus Supplied-Air Respirator (SAR)?

Answer
The Ska-Pak Plus SAR is a combination Type C positive pressure respirator with escape cylinder for entry and escape from hazardous atmospheres, confined space or immediately dangerous to life or health (IDLH) environments.

Question
Where can the Ska-Pak Plus SAR be used?

Answer
The Ska-Pak Plus SAR can be used in environments that are IDLH or could become IDLH.

Question
What are the key features of the Ska-Pak Plus Supplied-Air Respirator?

Answer

- Type C combination Supplied-Air Respirator with escape cylinder that is NIOSH approved to provide respiratory protection during entry into, work in and escape from hazardous, confined space, or immediately dangerous to life or health (IDLH) situations.
- The E-Z Flo regulator is designed for easy use with gloved hands, enables easy breathing, and has a two-step secure attachment and removal to help ensure worker confidence.
- Option to choose between the E-Z Flo Regulator or E-Z Flo Modular Regulator with quick disconnect fitting for easy removal from SAR when needed.
- A cylinder valve mounted pressure gauge.
- Optional "E-Z FIT" auxiliary fitting facilitates direct connection to high-pressure cylinder charging systems to enhance efficiency (only available with the 5000 psi and 4500 psi cylinders).
- E-Z Flip cylinder reversion system for quick, easy cylinder change out.
- Two padded harness styles: Fire Resistant Kevlar® or nylon harness either equipped with shoulder padding for worker comfort.
- Multiple cylinder pressures, durations, and airline connector options.
- Top-Down Convertibility.

The Ska-Pak Plus SAR is ideal for many applications, including confined space operations, hazardous materials handling, and general maintenance jobs for numerous markets, including chemical, petrochemical, oil and gas, ship-building and public utilities.

DOWNLOAD



Questions and Answers

3M™ Scott™ Ska-Pak AT Supplied-Air Respirator

Question
What does the Ska-Pak AT SAR consist of?

Answer
The respirator consists of an adjustable harness to support the respirator on the body of the user, a cylinder and valve assembly for storing compressed breathing air, an automatic transfer pressure reducing regulator and coupling mounted on the cylinder valve, a cylinder pressure gauge with an electronic alarm, an airline connection hose, a hose assembly connecting the pressure reducer to the mask-mounted regulator (MMR), and a full facepiece assembly.

Question
What does the Ska-Pak AT SAR consist of?

Answer
The Automatic Transfer mechanism is a hands-free transfer that can detect an interruption in the supplied-airline air pressure and automatically switch to the breathing cylinder while warning the user through the VibrAlert tactile alarm that the respirator has transferred to cylinder air by vibrating the facepiece.

DOWNLOAD

Did You Know?	Choose with Confidence		Selecting Your System		Decision Tree	3M™ Scott™ Supplied-Air Respirators			Where Are They Used?	Selection Guide	Guide to Features and Benefits	Resources			Contact us
	1	2	1	2		1	2	3				1	2	3	

Need help? Contact us.



3M US support:

1-800-243-4630 (US Technical Assistance)

3M Canada support:

1-800-267-4414 (Canada Technical Assistance)



Send us a message.

Our technical service team members located in US and Canada are happy to answer your questions.

scotttechsupport@mmm.com



Personal Safety Division
3M Scott Fire & Safety
P.O. Box 569
Monroe, NC 28111
1-800-243-4630

**3M PSD Products are
for occupational use only.**
3M.com/ScottIndustrial (US)
3M.ca/ScottIndustrial (Canada)

Please recycle. Printed in USA. © 2023, 3M. All rights reserved. 3M, SCOTT and Ska-Pak are trademarks of 3M. Used under license in Canada. Kevlar® is a registered trademark of E.I. Du Pont de Nemours and Company

