

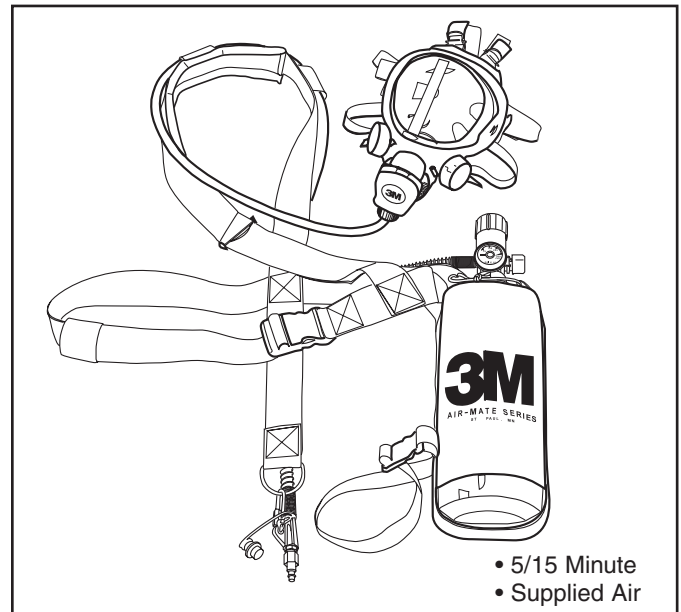
# Air-Mate™ Combination Escape Self-Contained Breathing Apparatus (ESCBA)/Supplied Air Respirator (SAR)

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## Versatility in IDLH Conditions

A combination Escape SCBA and supplied air respirator, this NIOSH-approved system offers a high level of respiratory protection for environments that are immediately dangerous to life and health (IDLH). The lightweight design makes it ideal for petrochemical, nuclear, hazardous materials handling, waste treatment, confined spaces and other IDLH, or potential IDLH applications.

- Full facepiece features quarter-turn pressure-demand connection, which provides a secure connection and allows the unit to be donned in a non-hazardous environment.
- The first-breath activation does not start the flow of air until after the pressure demand valve is connected and the first breath is taken.
- Airline connection enables wearer to remain in IDLH atmospheres for extended periods of time.
- Interchangeable 5- and 15-minute cylinders allow flexibility for different applications and escape needs.
- Built-in speaking diaphragm allows clear communication with co-workers.



**3M™ Air-Mate™ Combination Escape  
Self-Contained Breathing Apparatus (ESCBA)/  
Supplied Air Respirator (SAR)**

- Improved harness design secures the air cylinder to the leg, providing maximum comfort and confidence when working in IDLH environments.

## 3M™ Air-Mate™ Combination ESCBA/SAR Ordering Information

Part No.	Description	Cylinder Type	PSI	Rated Duration	Harness Material
BA-3205-S	5 minute (small facepiece)	Aluminum	2216	5 Minute	Nylon
BA-3205-M	5 minute (medium facepiece)	Aluminum	2216	5 Minute	Nylon
BA-3205-L	5 minute (large facepiece)	Aluminum	2216	5 Minute	Nylon
BA-3215-S	15 minute (small facepiece)	Hoop Wrapped	3000	15 Minute	Nylon
BA-3215-M	15 minute (medium facepiece)	Hoop Wrapped	3000	15 Minute	Nylon
BA-3215-L	15 minute (large facepiece)	Hoop Wrapped	3000	15 Minute	Nylon
BAP-2005673	Cylinder, Valve and Pouch	Aluminum	2216	5 Minute	
BAP-2005672	Cylinder, Valve and Pouch	Hoop Wrapped	3000	15 Minute	

## 3M™ Air-Mate™ Airline Hoses Ordering Information

Description	Part No.	Description	Part No.
25 ft. (7.5 m) Neoprene, Hansen 1000	367-01-02HA1-AM	100 ft. (30.0 m) Neoprene, Schrader	367-03-02SC1-AM
50 ft. (15.0 m) Neoprene, Hansen 1000	367-02-02HA1-AM	25 ft. (7.5 m) Neoprene, Hansen HK	367-01-02HK1-AM
100 ft. (30.0 m) Neoprene, Hansen 1000	367-03-02HA1-AM	50 ft. (15.0 m) Neoprene, Hansen HK	367-02-02HK1-AM
25 ft. (7.5 m) Neoprene, Foster	367-01-02FS1-AM	100 ft. (30.0 m) Neoprene, Hansen HK	367-03-02HK1-AM
50 ft. (15.0 m) Neoprene, Foster	367-02-02FS1-AM	25 ft. (7.5 m) EPDM, Blue, Hansen S22	W-9435/S22-25-AM
100 ft. (30.0 m) Neoprene, Foster	367-03-02FS1-AM	50 ft. (15.0 m) EPDM, Blue, Hansen S22	W-9435/S22-50-AM
25 ft. (7.5 m) Neoprene, Schrader	367-01-02SC1-AM	100 ft. (30.0 m) EPDM, Blue, Hansen S22	W-9435/S22-100-AM
50 ft. (15.0 m) Neoprene, Schrader	367-02-02SC1-AM		

## Use Limitations

1. Failure to comply with all instructions and warnings on the use of these products and/or failure to wear the respirator during all times of exposure may reduce respirator effectiveness and result in **serious bodily injury, sickness or death**.
2. Never alter or modify these respirators.
3. Repair or replace respirator parts if they become damaged. Use appropriate 3M parts only.
4. Use of the equipment described in this brochure should be in accordance with applicable safety and health standards, respirator selection tables contained

in such publications as ANSI Z88.2-1992, or pursuant to the recommendations of an industrial hygienist.

5. If you have any doubts about the applicability of the equipment to your job situation, it is recommended you consult your supervisor, an industrial hygienist or call 3M Occupational Health and Environmental Safety Division (OH&ESD), Technical Service Department at 1-800-243-4630.



- This respirator system is a NIOSH approved open-circuit, Combination Escape Self-Contained Breathing Apparatus/Supplied Air Respirator (ESCBA/SAR). This system is not NFPA compliant and has not been tested per the National Fire Prevention Association (NFPA) Standard 1981, 1997 Edition, Performance Criteria for Open-Circuit Self-Contained Breathing Apparatus for Fire Service.
- Before using any of the respiratory products pictured in this brochure, the wearer must read and/or understand all warnings, use limitations and fitting instructions accompanying each product. Failure to do so may result in **serious bodily injury, sickness or death**.
- Each respirator must be properly selected based on the contaminant and concentration levels to which the worker is exposed.
- 3M respirators are to be used only by qualified persons properly trained in their use and maintenance, and only in accordance with their *User Instructions*. Each person using these products must first read and understand the *User Instructions*. Failure to do so may result in **serious bodily injury, sickness or death**.
- The compressed air used with and SCBA, Escape SCBA or supplied air system shall meet at least the requirements for grade D breathing air per Compressed Gas Association Commodity Specification, CGA G-7.1-1989 and 29CFR1910.134(i), in the United States, and Table 2 of the CSA Standard CAN3-Z180.1-M85, in Canada. The compressor shall be equipped with safety and standby devices per OSHA Standard 1910.134 or CSA Standard CAN3-Z180.1-M85 in Canada.
- Be sure breathing air couplings are incompatible with outlets for nonrespirable plant air or other gas systems to prevent servicing of airline respirators with nonrespirable air or oxygen. Use of nonrespirable air will cause **serious bodily injury, sickness or death**.
- The employer must have a satisfactory respirator program compliant with OSHA Standard 1910.134 or CSA Standard Z94.4-93 in Canada.

### For more information, please contact:

#### 3M Occupational Health and Environmental Safety Division (OH&ESD)

#### In the U.S., contact:

**Sales Assistance**  
1-800-896-4223

**Technical Assistance**  
1-800-243-4630

**Fax On Demand**  
1-800-646-1655

**Internet**  
<http://www.3M.com/occsafety>

**For other 3M products**  
1-800-3M HELPS

#### In Canada, contact:

3M Canada Company, OH&ESD  
P.O. Box 5757  
London, Ontario N6A 4T1

**Sales Assistance**  
1-800-265-1840, ext. 6137

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

**Fax On Demand**  
1-800-646-1655

**Internet**  
<http://www.3M.com/CA/occsafety>

**Technical Assistance In Mexico**  
01-800-712-0646  
5270-2255, 5270-2119 (Mexico City only)

**Technical Assistance In Brazil**  
0800-132333  
**Fax On Demand O.U.S. Locations**  
1-651-732-6530

**3M Occupational Health and Environmental Safety Division**  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000