

# Air Flow Indicator 021-14-00R01

*Revised Performance Check for Air-Mate™ PAPR Assembly 231-01-30, Air-Mate™ PAPR Unit 520-03-63R01, Air-Mate™ PAPR Assembly 231-01-30U, Air-Mate™ PAPR Assembly AMH-12U, 3M™ Air-Mate PAPR Assembly AMH-1U User Instructions*

*Important: Keep these User Instructions for reference*



## ⚠ WARNING

This product helps protect against certain airborne particles. **Misuse may result in sickness or death.** For proper use, see supervisor, *User Instructions*, or call 3M in U.S.A., 1-800-243-4630. In Canada, call

Technical Service at 1-800-267-4414.

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# User Performance Check

## ⚠️ WARNING

Failure to pass a user performance check and complete all necessary repairs before use may adversely affect respirator performance and **result in sickness or death.**

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Refer to the Air Mate PAPR Assembly *User Instructions* for further information and warnings regarding safe use of the respirator system.

1. Ensure that the breathing tube is connected to the PAPR unit and the HE filter and fully charged battery pack are in place.
2. Confirm which breathing tube is being used, the newer BE-224 or older 008-00-14. A sticker on one end of the BE-224 breathing tube will say BE-224 (formerly 008-00-14). The sticker for the 008-00-14 breathing tube will just say 008-00-14.
3. Holding the air flow indicator as shown in Fig. 1, locate the two (lower and upper) etched circular bands.
4. Grasp the free end of the breathing tube below the raised ring on the slotted connector. Ensure that the slots on the connector are open and not covered. (Fig. 2)
5. Place the 021-14-00R01 air flow indicator (pointed end first) into the slotted connector. See Fig. 4
6. Suspend the Air-Mate PAPR by the breathing tube so the breathing tube is vertical with no bends or turns. (Fig. 3) The slotted connector should be held at eye level (Fig. 3a)
7. Switch the PAPR unit on. The indicator should “float” on the air coming out. (Fig. 4)
  - a. **BE-224 Breathing Tube (formerly 008-00-14):** The top of the lower band on the indicator should be at or above the top of the connector rim.
  - b. **008-00-14R01 Breathing Tube:** The upper band on the indicator should be at or above the top of the connector rim.

If the indicator fails to rise to the level noted above for the breathing tube in use, airflow is insufficient and the PAPR should not be used. Refer to the “Troubleshooting” section in the Air Mate PAPR Assembly *User Instructions*.

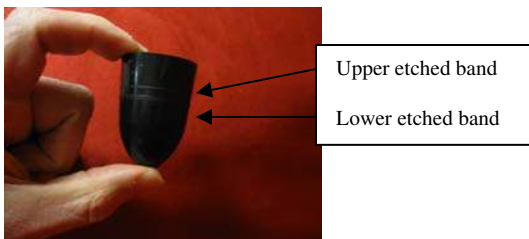


Fig. 1

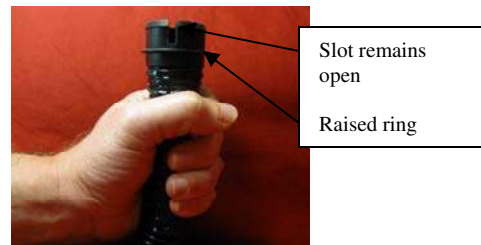


Fig. 2



Fig. 3



Fig. 3a

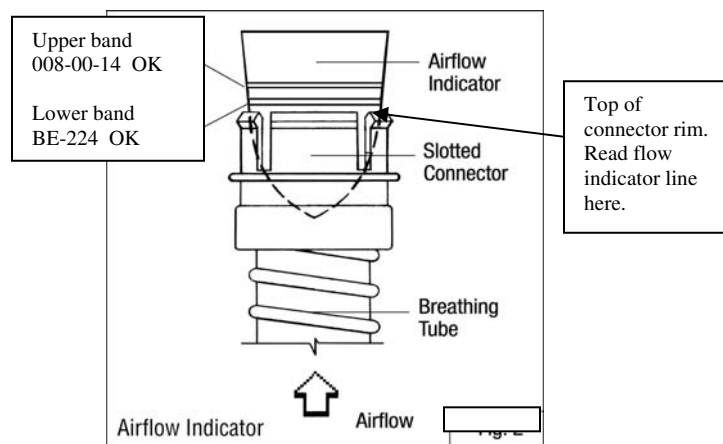


Fig. 4

## FOR MORE INFORMATION

**In United States, contact:**

Website: [www.3M.com/OccSafety](http://www.3M.com/OccSafety)

Technical Assistance: 1-800-243-4630

**For other 3M™ products:**

1-800-3M-HELPS or 1-651-737-6501

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