

Product Information

News

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FLOW TESTING THE PREMAIRE® CADET ESCAPE RESPONDER® RESPIRATOR

The following procedures should be used when flow testing the PremAire Cadet Escape Responder Respirator on a PosiChek3 tester.

TESTING AS AN ESCAPE RESPIRATOR

NOTE: Use the same quick-connect flow test adapter that is used on the Firehawk® M7 Responder SCBA (P/N 10064120).

1. Depressurize the PremAire Cadet Escape Responder Respirator.
 - a. Close the cylinder valve.
 - b. Squeeze the shut-off buttons.
 - c. Open the bypass.
 - d. Close the bypass.
2. Disconnect the second stage regulator from the second stage hose assembly (Figure A).
3. The test manifold (P/N 10064120) will connect between the second stage regulator and second stage hose assembly (Figure B).
4. Connect both hoses to the test adapter (Figure C).
5. Connect the intermediate pressure hose on the PosiChek3 tester to the test manifold (Figure D).
6. Conduct PosiChek testing of the PremAire Cadet Escape Responder Respirator as an airline respirator using the escape cylinder as an air source.

NOTE: Depressurize the PremAire Cadet Escape Responder Respirator by following step 1 in this section.

7. Remove the PosiChek3 intermediate pressure hose from the test manifold (Figure E).
8. Remove the test manifold from the second stage hose assembly (Figure F).
9. Remove the test manifold from the second stage regulator (Figure G).
10. Connect the second stage regulator to the second stage hose assembly (Figure H).

TESTING AS A SUPPLIED AIR RESPIRATOR

NOTE: The flow test adapter does not need to be connected for this portion of the test.

1. Depressurize the PremAire Cadet Escape Responder Respirator.
 - a. Close the cylinder valve.
 - b. Squeeze the shut-off buttons.
 - c. Open the bypass.
 - d. Close the bypass.
2. Connect the supplied air hose on the respirator to an incoming air source of 80 +/- 10 psi with the appropriate fitting (Figure I).
3. Conduct PosiChek testing of the PremAire Cadet Escape Responder Respirator as an airline apparatus using the supplied air source of 80 +/- 10 psi.
4. Disconnect the supplied air source from the supplied air hose on the respirator.

NOTE: The PremAire Cadet Escape Responder Respirator must be function-tested prior to returning to service.



Figure A



Figure B



Figure C



Figure D



Figure E



Figure F



Figure G



Figure H



Figure I

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