

3M Occupational Health and Environmental Safety Division

3M™ Loose-Fitting CBRN Conversion Kit RBE-HUP



Converting Your Loose-Fitting PAPR to a CBRN-Approved System

3M is pleased to announce an innovative conversion option for Powered Air Purifying Respirator (PAPR) users

Based on risk assessment or funding requirements, first responders and first receivers may need products that are approved under the new Chemical, Biological, Radiological and Nuclear (CBRN) Standard established by the National Institute for Occupational Safety and Health (NIOSH).

The new 3M™ Loose-Fitting CBRN Conversion Kit RBE-HUP allows you to convert 3M™ Breathe Easy™ Powered Air Purifying Respirator (PAPR) Systems FR-57L10 and FR-57N10 to NIOSH CBRN-approved systems.

To convert your 3M™ Breathe Easy™ PAPR System to a NIOSH CBRN-approved system:

- Make sure that you have either a FR-57L10 or FR-57N10 system
- If you have Battery Pack 520-01-15R01 NiCd, replace it with Battery Pack BP-15 NiMH and Smart Battery Charger BC-210

Note: Occupational Safety and Health Administration (OSHA) requires that emergency-use respirators be inspected on a monthly basis and before and after each use. The conversion kit package includes inspection details on the PAPR unit, batteries and butyl rubber hood. In addition, a video with inspection details can be viewed on our website www.3M.com/OccSafety

3M™ Conversion Kit RBE-HUP Includes:



- A) Breathing Tube with Clamp RBE-BTH
- B) Cartridges RBE-57 (shown packaged and unpackaged)
- C) Waist Belt, Decon RBE-BLT

Items not shown in photo:

- Detailed Upgrade Instructions
- Detailed Inspection Procedures
- User Instructions (3M™ Breathe Easy™ Turbo Unit, BE-10BR Hood, Batteries)
- Upgrade Label
- NIOSH CBRN Respiratory Approval Label

Optional Parts:

3M™ Cartridge Shower Cover RBE-SC:

Unique water-resistant cover protects cartridges from water damage during use and allows product to be showered or wiped clean for decontamination



3M™ Battery Shower Cover 529-01-56R01:

Protects battery pack during usage and for shower decontamination



3M™ Communication System RBE-CMH:

State-of-the-art device allows clear person-to-person communications through a throat microphone and speaker that is clipped to the wearer



3M™ Foam Insert RBE-FIH:

Can be placed in the butyl rubber hood for storage to protect it from bending and creasing when not in use. Easy to remove for quick response



3M™ Training Cartridge RBE-TRN:

Bright red training cartridge* allows for ongoing training and provides clear differentiation from functioning cartridges

*Training cartridges are not NIOSH-approved for respiratory protection



Specifications	Description
Heat and flame resistance	Not designed for use in high temperature environments or exposure to sparks or flame
Cartridge	“Cap 1” approved cartridge. Minimum test life of 15 minutes against NIOSH test agent concentrations
Storage temperatures	The recommended dry storage conditions (less than 85% relative humidity) for the battery is -4° to 115° F (-20° to 45° C). Storage of the battery outside this range will shorten the usable life of the battery. Avoid prolonged storage at temperatures above 120° F (49° C)
Systems	
Part Number	Description
RBE-HUP	3M™ Loose-Fitting CBRN Conversion Kit includes: 3M™ Breathing Tube with Clamp RBE-BTH, 3M™ Cartridges RBE-57 and 3M™ Waist Belt, Decon RBE-BLT
Components	
Part Number	Description
RBE-BTH	3M™ Breathing Tube with Clamp, Hood (1/Case)
RBE-57	3M™ Cartridge, Hood (6/Case)
RBE-BLT	3M™ Waist Belt, Decon (1/Case)
Optional Parts	
Part Number	Description
RBE-SC	3M™ Cartridge Shower Cover (2/Case)
529-01-56R01	3M™ Battery Shower Cover (1/Case)
RBE-CMH	3M™ Communication System, Hood (1/Case)
RBE-FIH	3M™ Foam Insert, Hood (1/Case)
RBE-TRN	3M™ Training Cartridge — red (6/Case) (Training cartridges are not NIOSH-approved for respiratory protection)

	⚠ WARNING
<p>These respirators help protect against certain airborne contaminants. Misuse may result in serious bodily injury or death. For proper use, see supervisor, or call 3M Occupational Health and Environmental Safety Division (OH&ESD) Technical Service at 1-800-243-4630. <i>User Instructions</i> provided as a part of product packaging.</p>	

For additional information please visit our website:

www.3M.com/OccSafety
www.pandemicpreparation.com



General Offices
3M Center
St. Paul, MN 55144-1000
www.3M.com

For More Information
Sales Assistance: 1-800-328-1667
Technical Assistance: 1-800-243-4630
Website: www.3M.com/OccSafety

3M and Breathe Easy are trademarks of 3M.
Please recycle. Printed in U.S.A.
© 3M 2007. All rights reserved.
70-0714-8771-7