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3M 6800 Full Facepiece Reusable Respirator Instruction Manual

Model: 6800

INTRODUCTION

The 3M 6800 Full Facepiece Reusable Respirator is designed to offer lightweight comfort and ease of use. When combined with appropriate 3M particulate filters or cartridges, it provides respiratory protection against particulates and a variety of gases and vapors. Its large lens ensures a wide field of view for excellent visibility, while the lightweight, well-balanced design and silicone faceseal enhance comfort, durability, and ease of cleaning. This respirator supports both air-purifying and supplied air modes. A unique center adapter directs exhaled breath downward, and the 3M Cool Flow Valve facilitates easier breathing for a cool, dry, and comfortable experience.

SAFETY INFORMATION

WARNING: This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Always read and follow all instructions and warnings provided with the respirator, filters, and cartridges. Proper selection, training, use, and maintenance are essential for effective protection. Failure to do so could result in sickness or death. Consult an industrial hygienist or safety professional to determine the appropriate respirator for your specific application.



Meets requirements of ANSI Z87.1-2010 for high impact (Z87+)

The 3M 6800 Full Facepiece Reusable Respirator meets requirements of ANSI Z87.1-2010 for high impact (Z87+), providing reliable eye and face protection.

PRODUCT OVERVIEW

The 3M 6800 Full Facepiece Reusable Respirator is designed for comfort and protection in various environments. Key features include:

- **Lightweight and Well-Balanced Design:** Ensures comfort during extended use.

- **Silicone Faceseal:** Provides enhanced comfort, durability, and ease of cleaning.
- **Large Lens:** Offers a wide field of view for excellent visibility and integrated optical correction to limit distortion.
- **3M Cool Flow Valve:** Reduces heat and moisture buildup inside the facepiece, making breathing easier.
- **Center Adapter:** Directs exhaled breath and moisture downward, reducing fogging and maintaining visibility.
- **Versatile Use:** Compatible with a wide range of 3M filters and cartridges for protection against various hazards.




Lightweight, well-balanced, full face respirator design and silicone faceseal for enhanced comfort and durability

The lightweight, well-balanced, full face respirator design and silicone faceseal provide enhanced comfort and durability for various tasks.



3M™ Cool Flow™ Valve helps provide cool, dry comfort

The 3M™ Cool Flow™ Valve helps provide cool, dry comfort by reducing heat and moisture buildup.



**Unique center adapter
directs exhaled breath and
moisture downward**

A unique center adapter directs exhaled breath and moisture downward, preventing fogging and improving visibility.



Large lens provides a wide field of view for excellent visibility. Integrated optical correction limits distortion as you look from left to right.

The large lens provides a wide field of view for excellent visibility, with integrated optical correction to limit distortion.

SETUP

Attaching Filters and Cartridges

The 3M 6800 Full Facepiece Reusable Respirator is designed for use with a variety of 3M filters and cartridges. Ensure you select the correct filters or cartridges for the specific hazards present in your work environment. Refer to the 3M selection guide or consult a safety professional for proper selection.

1. Align the filter or cartridge with the bayonet attachment on the side of the facepiece.
2. Push the filter/cartridge onto the bayonet fitting and twist clockwise until it clicks into place.
3. Repeat for the other side. Ensure both filters/cartridges are securely attached.



Combine with 3M™ particulate filters or cartridges to help provide respiratory protection against particulates (i.e., dust, fumes, mold, etc.) and gases and vapors (i.e., acid, ammonia, formaldehyde, etc.).

Combine with 3M™ particulate filters or cartridges to help provide respiratory protection against particulates (e.g., dust, fumes, mold) and gases and vapors (e.g., acid, ammonia, formaldehyde).

Donning the Respirator

1. Hold the respirator with one hand, grasping the bottom straps.
2. Place your chin into the chin cup and pull the head harness over your head.
3. Position the facepiece comfortably on your face.
4. Pull the bottom straps back and fasten them behind your neck.
5. Adjust the top straps by pulling them evenly until the facepiece is snug but comfortable. Do not overtighten.
6. Adjust the bottom straps for a secure fit.

Performing a User Seal Check

A user seal check must be performed each time the respirator is donned to ensure a proper seal.

- **Positive Pressure Seal Check:** Close off the exhalation valve by placing the palm of your hand over the valve cover. Exhale gently. If the facepiece bulges slightly and no air leaks are detected between your face and the facepiece, a positive seal has been achieved.
- **Negative Pressure Seal Check:** Close off the inlets of the cartridges/filters by placing the palms of your hands over them. Inhale gently. If the facepiece collapses slightly and no air leaks are detected between your face and the facepiece, a negative seal has been achieved.

If you detect any air leakage during either check, readjust the straps and repeat the seal check. If a proper seal cannot be achieved, do not enter the contaminated area.

Doffing the Respirator

1. Loosen the bottom straps first, then the top straps.
2. Remove the respirator by lifting it up and away from your face.

MAINTENANCE

Cleaning and Disinfection

Clean the respirator after each use. Disassemble the facepiece by removing filters/cartridges and any other removable components.

1. Wash the facepiece and removable parts in warm water (not exceeding 120°F / 49°C) with a mild detergent or a 3M respirator cleaning wipe.
2. Use a soft brush to remove any dirt.
3. Rinse thoroughly in clean, warm water.
4. Disinfect by soaking in a solution of one ounce of household bleach per gallon of water, or use a suitable disinfectant solution.
5. Rinse again in clean, warm water and allow to air dry in a clean, non-contaminated area.



Smooth surface allows for quick and easy cleaning

The smooth surface of the respirator allows for quick and easy cleaning, ensuring hygiene and longevity.

Storage

Store the cleaned and dried respirator in a clean, dry place away from contaminated areas, direct sunlight, extreme

temperatures, and damaging chemicals. Store it in a sealed bag or container to protect it from dust and damage.

TROUBLESHOOTING

- **Difficulty Breathing:** Check if filters/cartridges are clogged or expired. Replace if necessary. Ensure the exhalation valve is not obstructed.
- **Air Leakage Around Facepiece:** Re-adjust head straps for a tighter, even fit. Ensure no hair or clothing is caught under the faceseal. Perform a user seal check. If leakage persists, the respirator may be the wrong size or damaged.
- **Fogging of Lens:** Ensure the center adapter is clear and directing exhaled breath downward. Check for proper seal. Anti-fog treatments can also be applied to the lens.
- **Discomfort:** Adjust straps for a more comfortable fit. Ensure the respirator is correctly sized for your face.
- **Smelling Contaminants:** This indicates a leak or that the filters/cartridges are saturated or incorrect for the hazard. Immediately leave the contaminated area, check the seal, and replace filters/cartridges if needed.

SPECIFICATIONS

Feature	Detail
Model Number	70070709053
Product Dimensions	16.7 x 12.5 x 10.7 inches
Item Weight	1.37 Pounds
Material	Silicone
Color	Gray
Product Style	Full Facepiece
Reusability	Reusable
Special Features	Lightweight, Reusable
Recommended Uses	Fleet and plant maintenance, painting, sanding, chemical handling
Safety Standard	Meets ANSI Z87.1-2010 for high impact (Z87+)

WARRANTY

3M products are manufactured to high-quality standards. For specific warranty information regarding the 3M 6800 Full Facepiece Reusable Respirator, please refer to the documentation included with your purchase or visit the official 3M website. General warranty terms typically cover manufacturing defects under normal use and service.

SUPPORT

For technical assistance, product inquiries, or to locate authorized distributors, please contact 3M Customer Service. You can find contact information and additional resources on the official 3M website or by visiting the 3M Industrial Store on Amazon.

