

3M Science.
Applied to Life.™



Work hard, breathe easy.

When working in hot and humid environments, finding both reliable and comfortable respiratory protection is key to helping keep workers safe. With 3M disposable respirators there's a solution: 3M™ Cool Flow™ Valve technology.



3M™ Cool Flow™ Valve

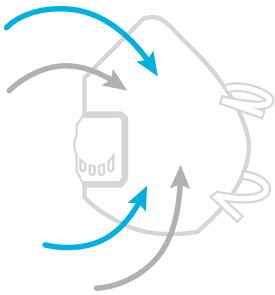
Help keep your workers more comfortable.



3M disposable and reusable respirators with the 3M™ Cool Flow™ Valve are designed to maximize breathing comfort and exhalation. By helping to release the user's hot, humid exhaled breath quickly, the 3M™ Cool Flow™ Valve helps to reduce heat and moisture build-up inside the facepiece. Additionally, the valve cover helps direct exhaled air downward and allow for easy breathing. When you work in hot, humid and physically demanding environments, a little more comfort makes a difference.

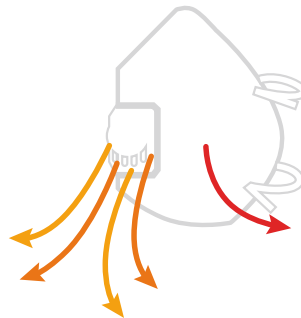
3M™ Cool Flow™ Valve technology.

Inhalation with a 3M™ Cool Flow™ Valve



► **Inhalation:** As the wearer inhales, air is pulled through the respirator while the valve remains closed, providing the same level of respiratory protection as a respirator without a valve.

Exhalation with a 3M™ Cool Flow™ Valve



► **Exhalation:** As the wearer exhales, the respirator is filled with warm, moist air. The exhaled air exits through the 3M™ Cool Flow™ Valve and filter media, resulting in a lower pressure drop and easy breathing for the wearer. This is suggested when physically demanding work causes heavy breathing.

3M™ Cool Flow™ Valve technology is available on numerous 3M disposable and reusable respirators.

Standard N95



3M™ Particulate Respirator 8210V N95

3M™ Particulate Respirator 8511 N95

3M™ Aura™ Particulate Respirator 9211+ N95

Welding N95



3M™ Particulate Welding Respirator 8515 N95

3M™ Particulate Welding Respirator 8212 N95

3M™ Particulate Welding Respirator 8214 N95

100 Class



3M™ Particulate Respirator 8293 P100

3M™ Particulate Respirator 8233 N100

For a full listing of all 3M™ Cool Flow™ Valve technology options, contact 3M or visit [3M.com/CoolFlow](https://www.3m.com/CoolFlow).



Personal Safety Division
3M Center, Building 235-2W-70
St. Paul, MN 55144-1000

For more information

In the U.S., contact:
Technical Service: 1-800-243-4630
Customer Service: 1-800-328-1667
[3M.com/WorkerSafety.com](https://www.3m.com/WorkerSafety.com)



These respirators help protect against certain particles. **Misuse may result in sickness or death.** For proper use, see supervisor or User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

In Canada, contact:
Technical Service: 1-800-267-4414
Customer Service: 1-800-364-3577

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