How does the M-Series with Adflo PAPR compare to half mask respiratory protection?

When correctly worn, disposable or reusable half mask respirators provide a RMPF of 10, meaning they supply up to 10 times cleaner air than a worker would otherwise breathe unprotected.

To ensure this level of protection, the wearer must be fit tested (annually is recommended) and clean shaven to maintain an effective negative pressure seal.

When compared to disposable and reusable half-face mask respiratory protection, PAPRs provide 5 times greater respiratory protection (RMPF = 50) as well as enhanced comfort. Furthermore, they do not require fit testing or a complete clean shaven condition.

Image: An example of a disposable half mask respirator (left) and a reusable half mask respirator with replaceable filters (right).



3M™ Versaflo™ Face Shield M-207

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.

Coated visor provides added chemical and scratch resistance.

New visor design combines excellent peripheral and downward vision with premium optical quality.



Designed from inception to accept 3M™ Peltor™ H31 Earmuffs (Class 3).



Fully adjustable head harness that includes straps for an optimal fit and improved weight distribution.

Features a flame-resistant polyester face seal for applications with hot particles.

3M™ Versaflo™ M-207 Face Shield with Adflo™ PAPR (8 hour battery)
Part Number: 890207

3M™ Versaflo™ M-207 Face Shield with Heavy-Duty Adflo™ PAPR (12 hour battery)
Part Number: 890207HD

3M™ Versaflo™ Face Shield & Safety Helmet M-307

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.

Coated visor provides added chemical and scratch resistance.

New visor design combines excellent peripheral and downward vision with premium optical quality.



The safety helmet is made from heat-resistant polycarbonate and conforms to Australian and New Zealand Standard AS/NZS1801 for head protection.

Designed from inception to accept 3M™ Peltor™ H31 Earmuffs (Class 3).



Fully adjustable head harness that includes straps for an optimal fit and improved weight distribution.

Features a flame-resistant polyester face seal for applications with hot particles.

3M™ Versaflo™ M-307 Face Shield & Safety Helmet with Adflo™ PAPR (8 hour battery)
Part Number: 890307

3M™ Versaflo™ M-307 Face Shield & Safety Helmet with Heavy-Duty Adflo™ PAPR (12 hour battery)
Part Number: 890307HD

Mobile and adaptable respiratory protection

3M™ Adflo™ Powered Air Purifying Respirator (PAPR)

As one of the most popular respirators of its kind in the world, the Adflo™ Powered Air Purifying Respirator is designed to provide a constant nominal airflow rate of 170/200 litres per minute, regardless of the battery's charge or the particle loading of the filter.

With its slim profile, the Adflo respirator offers excellent lightweight, adaptable and easy-to-use respiratory protection.

NEW Heavy-Duty Adflo PAPR available



Technical Data	3M™ Adflo™ Powered Air Respirator
Approvals Respiratory Protection	Conforms to AS/NZS1716
Required Minimum Protection Factor (RMPF)[1]	50
Airflow Standard Airflow Plus	 170 litres/minute 200 litres/minute
Battery: Charging time	Li-ion with rapid charge (0-80% in an hour)[2] 4.5 hours (standard), 5.5 hours (heavy duty)
Operating hours	**8 hours (standard) or 12 hours (heavy duty)**
Weight Respirator	 960 grams
Noise level dB	Max 75 dB
Belt	Leather 75-115cm

Gas and odour filters are available as an optional extra.
1) For mechanically and thermally generated particles.
2) Standard battery will be 80% charged (6.4 hours run time) in approximately one hour.
Heavy duty battery will be 80% charged (9.6 hours run time) in approximately one hour.

Already use Adflo on-site?

The M-Series Face Shields with Adflo PAPR use the same respiratory spare parts as the Speedglas powered air welding helmets used by so many welders on-site. This in turn makes these systems easy to maintain, saving both time and money in the long run.