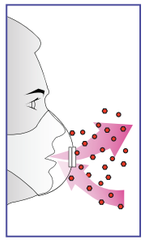
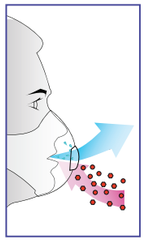
Selecting your 3M™ Aura™ Particulate Respirator:



Valved Respirators Aura 1872V+ and 1873V+

Help protect the wearer from airborne hazardous contaminants by filtering particles from the inhaled air.

The valve provides a cooler more comfortable wear by removing heat build up, it allows exhaled breath to leave the respirator unfiltered.



Unvalved and Shrouded Valved Respirators Aura 1861+ , 1862+, 1863+ and 1883+

Help protect the wearer from airborne hazardous contaminants and help protect the patient and the environment by filtering particles from both inhaled and exhaled air.

Approved to the European Medical Device Directive (93/42/EEC)

The shrouded valve provides a cooler more comfortable wear by removing heat build up.

	Respirators: PPE		Dual Approved Respirators: Personal Protective Equipment (PPE) and Medical Device			
	 3M™ Aura™ 1872V+	 3M™ Aura™ 1873V+	 3M™ Aura™ 1861+	 3M™ Aura™ 1862+	 3M™ Aura™ 1863+	 3M™ Aura™ 1883+
Exhalation Valve	Valved	Valved	Unvalved	Unvalved	Unvalved	Shrouded Valve
EN 149:2001+A1:2009 Classification	FFP2 NR D	FFP3 NR D	FFP1 NR D	FFP2 NR D	FFP3 NR D	FFP3 NR D
Filter Efficiency	≥ 94%	≥ 99%	≥ 80%	≥ 94%	≥ 99%	≥ 99%
Nominal Protection Factor* (NPF)	12	50	4	12	50	50
EN 14683:2005 Classification	N/A	N/A	Type IIR	Type IIR	Type IIR	Type IIR

*NPF: The theoretical respiratory protection level of a respirator based on laboratory measured performance data using inert, non-pathogenic challenge aerosols.

When properly used and maintained, respirators can lower exposures to concentration considered safe for most non-biological particles. However, they do not eliminate the risk of exposure, infection or illness where biological particles where safe exposure levels have not been established. No respirator will prevent the inhalation of all particles, they cannot eliminate the risk of exposure, infection and illness.

The performance of these products relies on the wearer achieving an adequate seal between the facepiece and their face, thus ensuring contaminated air does not leak in.

For respiratory training and advice please contact your local 3M representative.

Warning: Selection of the most appropriate respiratory protective equipment (RPE) will depend on the particular situation and should be made only by a competent person knowledgeable of the actual working conditions and the limitations of RPE. Details regarding performance and limitations are set out on the respirator package and user instructions. Before using any of these respirators, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed.

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Scan this QR code with your smartphone to be directed to further information on 3M™ Aura™ Health Care Particulate Respirators.
Or visit: **www.3M.eu/Aura1800+**

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3M Infection Prevention

3M™ Aura™ Health Care Particulate Respirators

Breathe the difference

3M Infection Prevention Solutions

Innovation On A Mission

Introducing the 3M™ Aura™ Health Care Particulate Respirators

The brand new Aura Health Care Particulate Respirators are the result of 3M's continuous drive to provide reliable protection while improving comfort for health care workers.

Respirators help protect wearers by reducing exposure to airborne particles that might be generated during medical procedures (bioaerosols, dusts, mists, etc).

The Aura Series is packed with ground-breaking ideas, technologies and materials, and has retained many of the features that made the 1800 flat-fold disposable respirators hugely popular.

3M's innovative new low breathing resistance filter technology allows you to breathe through the Aura respirator with the least amount of effort. In addition a new embossed top panel helps reduce the fogging of eyewear from warm, moist exhaled air.

3M™ Aura™ respirators come with the kind of responsive support, access to technical personnel, reliable advice and dependable quality that a global brand like 3M can offer.

Breathing ease

NEW Low breathing resistance filter technology

- combines the benefits of 3M's electret particulate filter material with advanced low breathing resistance filter technology
- gives effective filter performance whilst lowering resistance to breathing
- improved breathing ease and comfort

3M™ Cool Flow™ Valve (1872V+ and 1873V+)

- effectively removes heat build up
- provides a cooler and more comfortable wear
- removes exhaled air and minimises the risk of fogging eyewear

Shrouded Valve (1883+)

In addition to the benefits of the 3M™ Cool Flow™ Valve

- filters particles from both inhaled and exhaled air
- helps protect patients from the exhaled air of the health care worker

Convenience

- flat-folded: easy to store when not in use
- hygienic individual packaging helps protect the respirator from contamination before use
- compatible with most 3M™ Safety Eyewear

NEW Innovative chin tab

- improves ease of donning and adjustment to help achieve a comfortable fit

Clear vision

NEW Embossed top panel

- helps reduce fogging of eyewear

NEW Sculpted nose panel

- curved, low profile design
- conforms well to nose and eye contours
- helps provide a good field of vision
- improves compatibility with eyewear

Face and head comfort

- ingenious 3-panel design fits a wide range of face shapes and sizes
- accommodates your facial movements
- collapse resistant; ideal for work in hot humid environments
- stays securely in place, helping to provide a good, comfortable seal
- large soft nose foam material and smooth inner cover web both feel incredibly soft on the skin and help to create a comfortable environment for the face

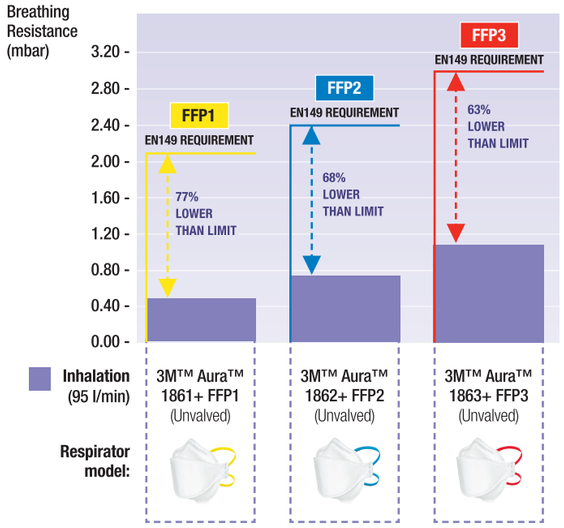
Breathe in more freely

3M™ Aura™ respirators feature 3M's brand new low breathing resistance filter technology: an innovative filter media that helps minimise breathing resistance. This enables high filtering performance with less effort on the part of the wearer, making protection even less intrusive.

Chart (right): When tested to EN 149 standard, at a flow rate of 95 litres per minute, the approximate mean inhalation breathing resistance achieved with the new 3M™ Aura™ respirators was 77% lower than the maximum limit for a FFP1 respirator, 68% lower for FFP2 and 63% lower for FFP3.

Up to 77% more breathing comfort

Mean breathing resistance* of 3M™ Aura™ Respirators as per requirements of EN 149:2001+A1:2009 Standard



Product	Inhalation Breathing Resistance (95 l/min)		
	EN 149:2001+A1:2009 Requirement Limit (mbar)	Measured Mean (mbar)	Pooled Standard Deviation
1861+	FFP1 = 2.1	0.48	0.04
1862+	FFP2 = 2.4	0.76	0.03
1863+	FFP3 = 3.0	1.10	0.03

Breathe out more clearly

The 3M™ Aura™ respirators are designed to control air in a way that helps reduce the fogging of eyewear

a. in an unvalved model: when exhaling, the embossed pattern reduces the airflow through the upper panel, the majority of the air exits through other panels. Less moist air reaches the surface of the eyewear from the top panel, helping to minimise fogging.

b. in a valved and shrouded valved model: when exhaling, the embossed pattern reduces the airflow through the upper panel, the majority of the air exits through the 3M™ Cool Flow™ Valve and other panels. Less moist air reaches the surface of the eyewear from the top panel, helping to minimise fogging.

New 3M™ Aura™ Exhalation Flow

3M™ Aura™ 1862+ **3M™ Aura™ 1872V+**

* Individual 95% Confidence Interval for Mean, based on Pooled Standard Deviation for inhalation. Inhalation flowrate at 95 l/min. Testing performed by BSI to the requirements of EN 149:2001+A1:2009 Breathing Resistance and is generally representative of performance.