

ZETA Fresh Air G

MAXIMUM BREATHING PROTECTION FOR GRINDING AND FINISHING





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Get best-in-class breathing protection with a **Zeta Fresh Air respiratory protection system**. The grinding and finishing version comes with a lightweight face shield and a certified Kemppi respirator. **Zeta Fresh Air** prioritizes welder health with comprehensive eye, face, and breathing protection while remaining comfortable and easy to use.

The Zeta Fresh Air grinding helmet with respirator offers a wide field of vision with a 200mm high viewing area and a 180° viewing angle. Snap a new visor into place quickly and feel comfortable knowing you have EN 166 face protection against high-speed particles (up to 120m/s). **The Zeta Fresh Air G201x** has a powered respirator that delivers TH3-level breathing protection to help you breathe comfortably.

Fresh air and full-face protection are only part of the story. **The Zeta Fresh Air G201x** also has built-in automatic LED work lights that are powered by the blowing unit – the built-in lights automatically turn off or on based on the ambient light conditions, and if necessary, the manual controls for the lights are easy to reach with one hand. Maximize safety and do your best work in a well-lit working environment.



KEY BENEFITS



LIGHTWEIGHT DESIGN

Built specifically for maximum comfort when worn for long periods of time.



TH3-LEVEL BREATHING PROTECTION

Synergy between the face shield and respirator stops 99.8% of fumes, gases, and particles.



EN 166 EYE PROTECTION

A large visor offers a wide field of vision and protection from high-speed particles.

BENEFITS

- Lightweight design for added comfort
- Narrow shape for easy movement in tight spaces
- Well-placed buttons and manual controls for easy one-hand use
- Comes with a respirator for TH3-level breathing protection
- EN 166 certified for face and eye protection
- Built-in LED lights for visibility in
- Work lights turn on or off automatically for easy hands-free operation



PRODUCT OPTIONS



Zeta Fresh Air G201x PFU210e

A complete breathing system that offers face, eye, and respiratory protection while still providing maximum comfort and ease of use. This version includes a powered filter unit for TH3-level breathing protection, a large easy-to-change visor with a wide field of vision, and built-in automatic LED work lights for added visibility during the inspection.



Zeta Fresh Air G201 PFU210e

Offers the same TH3-level breathing protection and ease of use as the G201x PFU210e. This version does not include the built-in automatic LED work lights.



Zeta Fresh Air G201 RSA230

Comes with the same full-protection grinding shield as the G201 PFU210e. This version has a belt-mounted supplied air regulator and does not include the built-in LED work lights.



FEATURES



Built-in work lights

Light up your day with built-in automatic LED work lights that increase safety while giving you the best visibility for important tasks. The blowing unit powers the lights, and they automatically turn off or on based on the ambient light. Manual controls are also easy to use with one hand. Lights are only available on the G201x model.



TH3-level breating protection

Zeta Fresh Air is a complete solution for work environments with harmful fumes, particles, or gases. A Zeta grinding helmet and a powered filter unit give you best-in-class, TH3-level breathing protection. The RSA230 version does not offer TH3-level protection.



Optimized ergonomics

Zeta Fresh Air grinding helmets make work easier. A lightweight, narrow design makes it easy to move around the shop while also minimizing neck fatigue at the end of the day. Well-placed buttons and controls are easy to reach with one hand, and all Zeta Fresh Air grinding helmets offer a large 200mm high viewing area and a 180° viewing angle.



ACCESSORIES



PFU 210e

Powered Filter Unit representing the highest level of filtration performance. PFU 210e is available with both Gamma GTH3 and Beta 90 SFA/XFA respirator systems. It offers selectable fan speeds of 160 lpm and 210 lpm (gas filter smart sense technology 160 lpm), battery and filter status indicators, and a choice of either standard duty or heavy-duty batteries.



RSA 230

Belt mounted supplied air regulator. It enables a controlled air flow to the welder's respirator head-top, and is supplied together with Gamma and Beta supplied air models. Features a replaceable silencer, decreasing audible airflow noise.



Multicharger MC-6 for PFU210e batteries

Multi-Charger 6 is a device for charging Kemppi PFU 210e filter unit batteries. Up to 6 batteries can be charged simultaneously with the charger device. The batteries can be either SD or HD batteries at the same time. The charging time is approximately 1,5 hours for SD batteries, and 3 hours for HD batteries.



PFU 210e

Following filters are available for PFU 210e respirator: Spark arrester, pre-filter, particle filter, odor filter and gas filter. For further information regarding Kemppi filters and their ordering, please see the Safety Catalogue.



Gas filter

ABE gas filter for PFU 210e PAPR unit offers maximum breathing protection.



Particle filter

Particle filter for PFU 210e PAPR unit.



Pre-filter

Pre-filter for PFU 210e PAPR unit. The package includes 10 pieces.



Universal leather neck protector

Protecting the neck and shoulders from welding spatter and grinding, the universal leather neck protector can be used with all Kemppi personal protection equipment and the wider welding market.



Zeta Grinding visor

Zeta G Grinding visor clear. Package of 5 pcs.



Tear-off film 10 pcs

Grinding visor protection film for Zeta grinding helmets. Package of 10 pcs.



TECHNICAL SPECIFICATIONS

RESPIRATORY PROTECTION EQUIPMENT

Zeta Fresh Air G201x PFU210e

Product code	P0738 (including LI-ION Battery (HD) 6,4Ah)
Weight	545 g
Operating temperature	-5...+55°C <80%Rh
EN 12941	TH3
AS/NZS 1716	P2
AS/NZS 1337.1	Yes
PAPR	PFU 210e
Visor size	200 mm high, 180° horizontal view
EN 166	B
LED work lights powered by	PFU 210e

Zeta Fresh Air G201 PFU210e

Product code	P0737 (including LI-ION Battery (SD) 3,2Ah)
Weight	515 g
Operating temperature	-5...+55°C <80%Rh
EN 12941	TH3
AS/NZS 1716	P2
AS/NZS 1337.1	Yes
PAPR	PFU 210e
Visor size	200 mm high, 180° horizontal view
EN 166	B

Zeta Fresh Air G201 RSA230

Product code	9873842
Weight	515 g
Operating temperature	-5...+55°C <80%Rh
AS/NZS 1716	Yes
AS/NZS 1337.1	Yes
Supplied air regulator	RSA 230
Visor size	200 mm high, 180° horizontal view
EN 166	B
EN 14594	3B



ACCESSORIES

PFU 210e

Product code	SP011996
Weight	2510 g
Operating temperature	-5...+55 °C
Minimum air flow	160 l/min
Maximum air flow	210 l/min
Battery type	Li-ion
Battery charging time (80%)	1.5 h (SD) / 2.5 h (HD)
Battery lifetime (charging cycles)	500

RSA 230

Product code	SP011617
Weight	1600 g
Length of supply air hose	10 - 30 m
Required supply air pressure	550 - 600 kPa
Minimum air flow	160 l/min
Maximum air flow	400 l/min

Multicharger MC-6 for PFU210e batteries

Product code	P0730 Multi-Charger 6 with EU plug P0731 Multi-Charger 6 with UK plug P0732 Multi-Charger 6 with DK plug P0733 Multi-Charger 6 with AS/NZS plug P0734 Multi-Charger 6 with CH plug
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Gas filter

Product code	SP009934
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Particle filter

Product code	SP015757
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Pre-filter

Product code	SP9320002
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Universal leather neck protector

Product code	SP015579
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Zeta Grinding visor

Product code	SP022580
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Tear-off film 10 pcs

Product code

SP024085

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Kemppi is the design leader in the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for a greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 195 MEUR in 2022.

