



KEMPPI PFU 210e Filters Lightweight Welding Respirator User Manual

[Home](#) » [KEMPPI](#) » KEMPPI PFU 210e Filters Lightweight Welding Respirator User Manual 

KEMPPI PFU 210e Filters Lightweight Welding Respirator

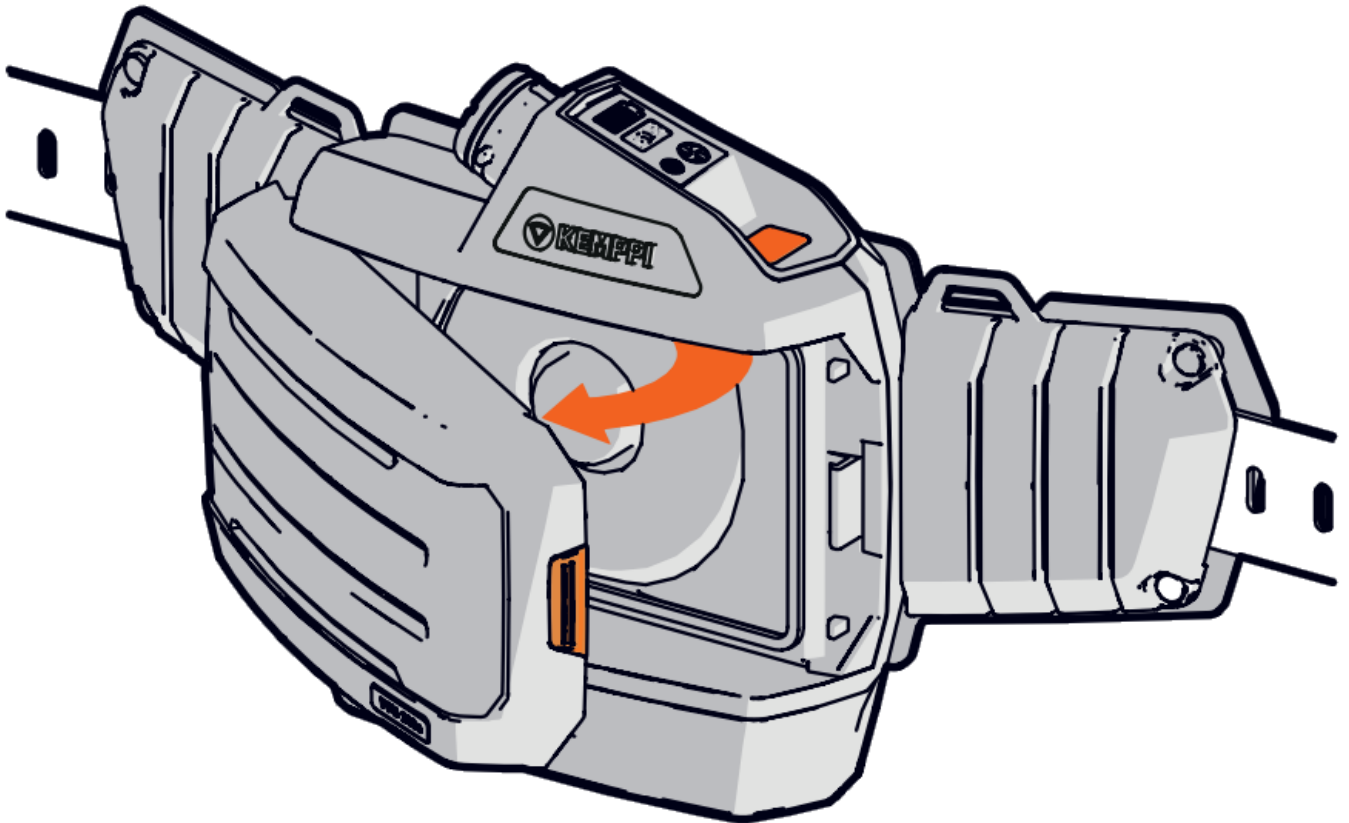


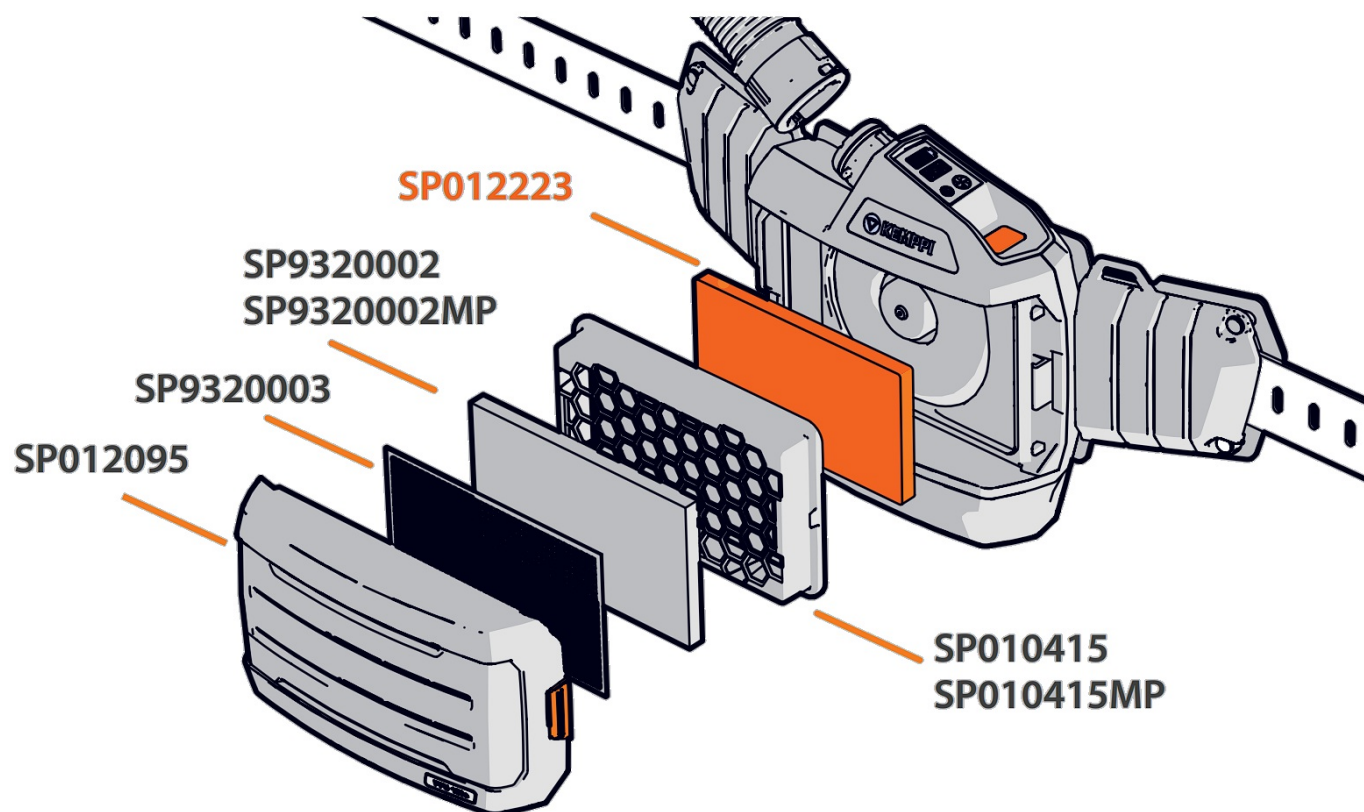
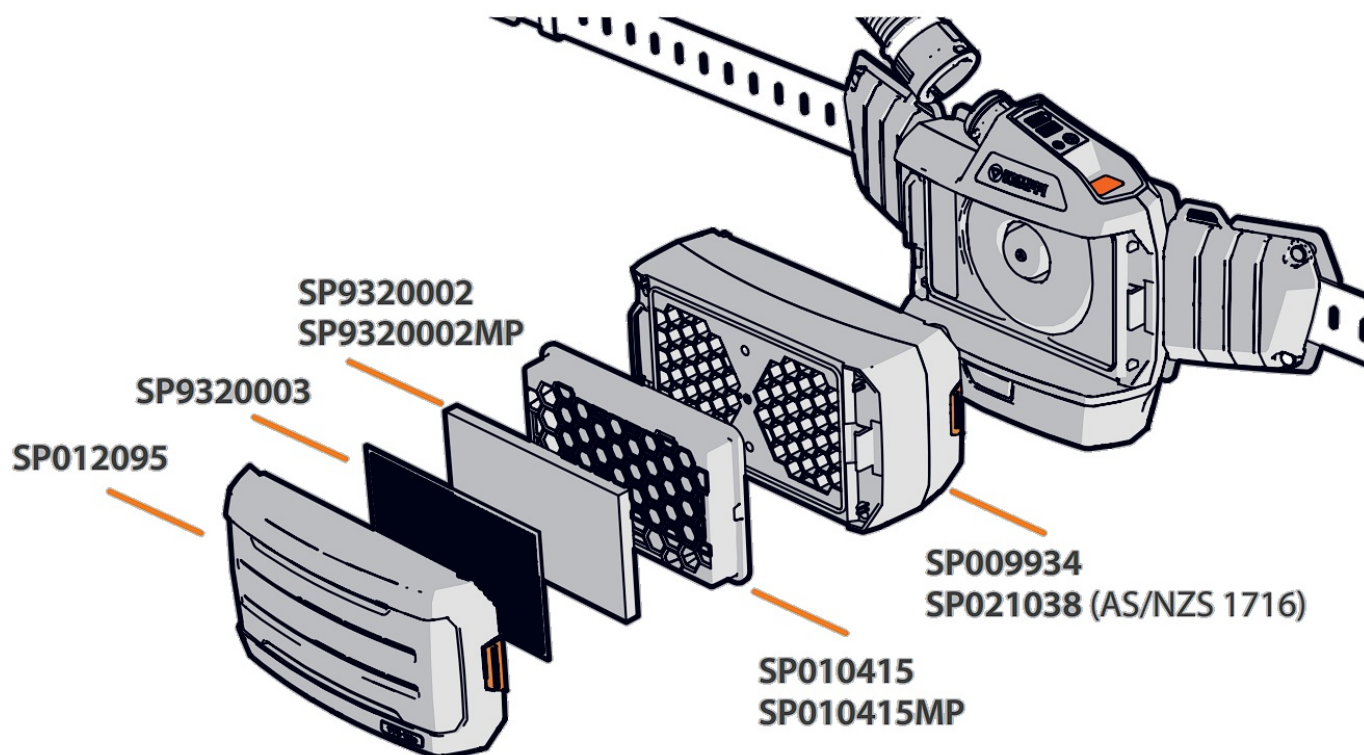
Read carefully these instructions and the instructions supplied with the powered filter unit PFU 210e. Save the manual for future reference.

Contents

- 1 Product Overview
- 2 Safety instructions
- 3 Storage
- 4 Compliance
- 5 Table for filter selection
- 6 Declarations of Conformity
- 7 Documents / Resources
 - 7.1 References
- 8 Related Posts

Product Overview





Safety instructions

The particle filter provides protection against non-toxic hazardous particles. The gas filter provides protection against certain gases and vapours in breathing air in welding and similar processes – See filter selection table below.



Warning:

It is strictly forbidden to use any other than Kemppi branded filters or other parts or accessories with Kemppi's personal protection equipment. If you do not respect this safety regulation, serious damage for your health may

occur.



Warning:

- Do not use this product against toxic gases and vapours.
- For protection against gases, always use a gas filter combined with a particle filter and a prefilter.
- For protection against particles, always use a particle filter combined with a prefilter and optionally an odor filter.
- The filter service life depends on the working environment. If the environment is very dirty, Kemppi recommends changing the filter after every work shift. From the hygienic point of view, the maximum working time of a filter is 180 hours.
- Immediately replace the filter(s) as soon as you can smell the contaminant.
- When using a gas filter to protect you against gases that are difficult to identify by smell or other senses, follow all special rules for the current conditions.
- Always replace a clogged filter. Never attempt to clean the filter, for example, with pressurized air.
- Do not use expired filters. The expiry date is marked on each filter.
- Only use certified and original filters in PFU 210e Powered Filter Unit. Also, ensure that the filters comply with standard EN12941.
- Oxygen concentration in the ambient air in the premises where the filtering unit is used must not be <17%.
- Note that the gas filters in classes A1, B1 and E1 have been tested for 500 ppm (EN 12941) and for 1000 ppm (AS/NZS 1716: 2012) concentrations.

Storage

Storage temperature: -20...+50 °C.

Air humidity: <80 % Rh. Store the filters in the manufacturer-sealed packages. See the expiry date on the package.

Manufacturer: Kemppi Oy, PL 13, 15801 Lahti, Finland

Compliance

Regulation (EU) 2016/425

Regulation 2016/425 on personal protective equipment as brought into UK law and amended

Compliance with standards:

PFU 210e: EN12941:1998+A1:2004+A2:2008

- With Gamma GTH3: TH3 class
- With Beta FA: TH2 class

PFU 210e: AS/NZS 1716: 2012

- With Gamma GTH3: P2 class
- With Beta FA: P1 class

Particle filters: P R SL

Gas filters: A1B1E1

(Max. inward leakage: TH3 = 0.2 %, TH2 = 2%)

Type inspected by:

FORCE Certification A/S, Notified body No. 0200, Park Alle 345, DK-2605 Brøndby (Module B & D).

AS/NZS: SAI Global Certification Services Pty Limited 680 George Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001.

UKCA: CCQS UK Ltd., Approved body No. 1105 5 Harbour Exchange Square, London, E14 9GE, UK (Module B & D).

SP012095	Filter cover
SP9320003	Spark arrester
SP9320002 (MP)	Prefilter (x100)
SP010415 (MP)	Particle filter (x20)
SP009934	Gas filter
SP021038	Gas filter only for AS/NZS markets
SP012223	Odor filter x5

Table for filter selection

Marking	Standard	Part n°	Colour code	Description/Protection against
P R SL	EN12941	SP010415	White	Solid and liquid particles (Aerosols)
	AS/NZS 1716			
A1B1E1	EN12941	SP009934	Brown, Grey, Yellow	<ul style="list-style-type: none">Organic gases and vapours with boiling point >65°CInorganic gases and vapours
	AS/NZS 1716	SP021038		



Declarations of Conformity



userdoc.kemppi.com



Documents / Resources

	<p>KEMPPI PFU 210e Filters Lightweight Welding Respirator [pdf] User Manual PFU 210e Filters, Lightweight Welding Respirator, PFU 210e Filters Lightweight Welding Respirator, GAMMA GTH3 XFA, GAMMA GTH3 SFA</p>
	<p>KEMPPI PFU 210e Filters Lightweight Welding Respirator [pdf] Instruction Manual PFU 210e, Filters Lightweight Welding Respirator, PFU 210e Filters Lightweight Welding Respirator, Lightweight Welding Respirator, Welding Respirator, Respirator</p>

References

-  [Redirecting](#)