

PERSONALPRO WELDING & GRINDING HELMET

PERSONALPRO PRODUCT LINE

The PersonalPro line of Plymovent is specifically designed to provide the utmost protection against welding, grinding and associated airborne fumes and dust contamination. PersonalPro provides the user comfort, optimal fit, and style. Resulting in a safer and more productive work environment.

AUTO DARKENING WELDING HELMET

The PersonalPro auto darkening welding helmet of Plymovent is one of the most versatile helmets in the market. Our helmet contains an auto darkening filter with extended side vision by shade 5 polycarbonates for more visibility, comfort and safety. It also has an extra large clear visor beneath the welding flip for perfect vision during grinding.

PersonalPro is complete with a Powered Air Purifying Respiratory unit (PAPR) blowing clean air into the helmet. The operator can weld and grind while breathing purified air by a particulate filter. The PAPR unit provides high-level protection against eye and face injury, whilst helping to prevent work related respiratory problems.

POWERED AIR PURIFYING RESPIRATORY (PAPR) UNIT

The Powered Air Purifying Respiratory (PAPR) unit is light weight and offers two airflows to select from. With a simple press and turn of the unique control knob, the welder is informed of clogged-filter status and low battery by two separate alarm sounds.



FILTRATION

The filter used in the PAPR unit is classified as Reusable Solid and Liquid Particles (PRSL). Optional with activated carbon.



MAGNIFYING LENS *(optional)*

The frame, inside the flip helmet, can support and secure the magnifying lens, on top of the auto darkening filter to assist the welders' vision. These lenses are available in +1.00, +1.50, +2.00 and +2.50



HARNESS *(optional)*

The harness completes the belt in shifting part of the weight of the respiratory protection unit from the waist to the shoulders. The harness is secured on four clips on the belt and can be adjusted to the welders' length.



EXTENSION BELT *(optional)*

This extension belt with a length of 30 cm, connects to the PAPR unit belt to increase the size. With a simple click on the existing belt assembly, this improves comfort and safety.



The auto darkening welding helmet will be delivered with an air hose, blowing unit and a storage bag.

TECHNICAL DATA OF THE HELMET

Dark shade	DIN 9-13
Clear shade	DIN 4
Switching speed	0,2 ms
Arc sensor	4
Viewing area	93 x 43 mm
Optical glass ranking	1/1/1/2
Technology	Twisted Nematic
Vision	Side vision 160° Blindes for side vision is optional
Controls	Stepless knobs
Weight	581 g
Power	Solar and batteries
Adjust sensitivity	✓
Adjust delay	✓
Grinding	EN 175B
Norms	EN 166B, EN 379
Applications	Welding; electrodes, MIG/MAG, TIG Grinding

TECHNICAL DATA OF THE PAPR UNIT

Filtration	PRSL
Leakage	TH2
Airflows	180 l/min. - 220 l/min.
Running time	10 hours
Battery	Rechargeable Lithium-ion battery
Pre-filter	✓
Low battery alarm	✓
Clogged filter alarm	✓
Hose protection	✓
Norm	EN 12941
Weight (unit + battery + belt + filter)	1180 g

PLYMOVENT®
clean air at work

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Plymovent cares about the air you breathe. We offer products, systems and services which ensure clean air at work, anywhere in the world.

We respect the environment and we deliver high-quality products. Our expertise gained over many years and our genuine commitment to customer requirements enable us to provide precisely the solutions you need.