

► PureFlo 3000-W

Ventilated welding and grinding helmet



Technical specifications

Type: All-IN-ONE ventilated welding and grinding helmet with integrated motor, battery and filter

Head sizes: 53 to 63 cm

Regulated air flow: 190 / 220 l/min

Filter: HEPA (High-Efficiency Particulate Air)

Very fine particles and aerosols (efficiency > 99.98% of 0.3µm particles at 170 l/min)

Protection factor: FPA = 40 / FPN = 500

Helmet materials: Acrylonitrile butadiene styrene (ABS)

Battery capacity: 4 hours / Charging: 2 hours

Weight: 1,480 g

Certifications:

- Respiratory protection: EN 12941:1998+A2:2008 TH3P
- Head protection: EN 397:2012 + A1-2012
- Eye/face protection: EN 166:2002 1B3
- Protection class: IP54

► **ADF self-darkening filter:**

| Model | Pro ADF PF3000-04-023 | Pro ADF Deluxe PF3000-04-024 |
|----------------------------|---|---------------------------------|
| Vision field | 92 x 42 mm | 98 x 62 mm |
| Shade | Variable 9-13 | Selectable 4-8 ou 8-12 |
| Sensors | 2 | 4 |
| UV/IR protection | Permanent shade DIN 16 | |
| Sensitivity control | Internal progressive adjustment button | |
| Switching speed | 0,00005 s (1/20,000) | |
| Battery type (replaceable) | 2 x CR2032 | 1 x CR2450 |
| Compliance | CE EN 379, EN 175, ANSI Z87.1-2010, CSA Z94 | |

Product description

The **PureFlo 3000-W** is an ALL-IN-ONE **ventilated welding and grinding hood** with the motor and respiratory protection filter integrated into an EN 397 approved safety helmet. With no air hoses or other devices attached to the belt, this **ventilated welding helmet** offers users freedom of movement without the risk of snagging.

Available with two self-darkening welding filter options (Pro ADF 9-13 or Pro ADF Deluxe 4-8 and 8-12 selectable), the **PureFlo 3000-W** is particularly suitable for various types of arc welding such as MIG, MAG, TIG, SMAW (Shielded Metal Arc Welding), plasma jet and carbon arc.

Equipped with a high-efficiency **particle air filter (HEPA)**, ensuring an assigned protection factor (APF) of 40, the **PureFlo 3000-W welding helmet** protects users from respiratory hazards specifically related to welding and metal fabrication (lead, hexavalent chrome, silica dust, manganese, etc.).

The **Pureflo 3000-W** ventilated welding and grinding helmet is quick and easy to put on and take off. It is a convenient and comfortable ALL-IN-ONE filtering respiratory protection solution that can be easily combined with other personal protective equipments (hearing protection, welding apron, etc.). It is delivered with 2 rechargeable batteries, each with an autonomy of approximately 4 hours.

► **The advantages of the PureFlo 3000-W:**

- ALL-IN-ONE ventilated welding and grinding helmet with integrated motor, battery and filter.
- 2 self-darkening filters available 9-13 adjustable by internal button or 4-8 / 8-12 selectable and adjustable by button.
- Ideal for arc welding, flame cutting, oxy-fuel cutting, arc gouging, grinding applications.
- HEPA filter against welding related and potentially carcinogenic particles (chromium, silica, manganese, cobalt, beryllium).
- Air flow rate of 210 l/min, one of the highest on the market with a TH3P protection class (assigned protection factor of 40).
- Quick and easy to use, no hoses or belt attachments to prevent snagging.
- Comfortable fit for long-term use with fully adjustable head harness.
- LED indicator for low battery or airflow (saturated filter) alarms.