

Technical Datasheet

Venus CleanAIR

Advanced 2F PAPR

Advanced model with IP 65 rating,
accepts standard Din thread filters



EN 12941:1998+A2:2008

European Approval

Venus Chemical 2F

Complete sets

CleanAIR® Chemical 2F including accessories (de-contaminable belt, charger, battery, flow indicator, Carrying bag) **Item # 110356301**

CleanAIR® Chemical 2F including accessories (comfort belt, charger, battery, flow indicator, Carrying bag) **Item # 110356101**

CleanAIR® Chemical 2F ATEX approved including accessories (comfort belt, charger, battery, flow indicator, Carrying bag) **Item #110356801**



Spares for PAPR



Battery

Item # 170363701



Charger

Item # 170363801



Flow Indicator

Item # 170362901

Accessories for Venus CleanAIR Advanced 2F:

1. Spare Parts:

- Light head fuse QuickLOCK: Item #170364301.
- Rubber hose QuickLOCK: Item #170364501.
- Comfort padded belt: Item #170364601.
- Decontaminable belt: Item #170364801.
- Filters (A1B1EP1, A1P3): Item #170364301, 170364801.

2. Headpieces:

- Universal Hood CA2P (Tyvek, CVC Visor): Item #110354601.
- Universal Hood CA2R (PVC): Item #110353301.
- Full-Face Mask V-777 or V-667.
- Safety Helmet CA4.

3. Breathing Hoses:

- PVC Breathing Hose with Connector: Item #110354201.
- PVC Breathing Hose: Item #170364401.



Technical Specifications:

- **Weight:** 960g (excluding battery).
- **Battery:**
 - Li-ion 14.4V/2.6Ah (standard) or 14.4V/5.2Ah.
 - Run time: Up to 16 hours.
 - Charging time: 5 hours.
- **Certifications:**
 - EN 12941 TH3, EN 12942 TM3.

Features of Venus CleanAIR (Advanced 2F):

1. Compact and Lightweight Design
2. Effective Filtration for Particles and Chemicals
3. High Resistance (Mechanical, Chemical, UV)
4. IP65-Rated Protection
5. Decontaminable with Sodium Hypochloride
6. Automatic Closing System for Filter Changes
7. Advanced Warning System with LED/TFT Display
8. Compatibility with Various Headpieces (HOOD/MASK/ASBEST)
9. Adjustable Airflow (120–235 lpm)

Benefits of Venus CleanAIR (Advanced 2F):

1. **Compact and Lightweight Design:** Ensures easy handling and comfort during prolonged use.
2. **Effective Filtration for Particles and Chemicals:** Provides protection against dust, fumes, aerosols, bacteria, viruses, and gases for versatile industrial applications.
3. **High Resistance (Mechanical, Chemical, UV):** Enhances durability and performance in demanding environments.
4. **IP65-Rated Protection:** Prevents intrusion of liquids and solid particles, ensuring reliable operation in harsh conditions.
5. **Decontaminable with Sodium Hypochloride:** Enables safe reuse, maintaining hygiene standards.
6. **Automatic Closing System for Filter Changes:** Ensures quick, safe, and hassle-free replacement of filters.
7. **Advanced Warning System with LED/TFT Display:** Alerts users to critical information, enhancing safety and operational efficiency.
8. **Compatibility with Various Headpieces (HOOD/MASK/ASBEST):** Allows flexible use across multiple applications and industries.
9. **Adjustable Airflow (120–235 lpm):** Provides customized protection levels based on user needs and head-top used.

Cautions & Limitations:

1. Not suitable for oxygen-deficient environments or unknown contaminants.
2. Ensure proper filter selection and compatibility with headpieces for effective protection.
3. Decontamination must be done as per guidelines to maintain performance.
4. Regularly monitor battery charge and airflow for uninterrupted operation.
5. Protection level depends on the head-top used; verify suitability before use.

User Instructions for Venus CleanAIR Advanced 2F:

1. **Preparation:** Select the appropriate filter and headpiece for your application.
2. **Setup:** Attach the filter securely and connect the headpiece to the device.
3. **Operation:** Turn on the unit, ensure proper airflow, and check for alerts on the display.
4. **Usage:** Wear the headpiece properly, ensuring a secure and comfortable fit.
5. **Maintenance:** Clean and decontaminate after use, and recharge the battery as needed.
6. **Storage:** Store the device and accessories in a clean, dry place.

Applications of Venus CleanAIR

1. **Industrial:**
 - Ideal for welding, grinding, and surface finishing operations where particle and chemical protection is critical.
2. **Dusty Environments:**
 - Effective for handling materials in environments with high dust levels, ensuring respiratory safety.
3. **Pharmaceutical Industry:**
 - Suitable for material handling tasks to protect against fine particles and contaminants.
4. **Automotive Industry:**
 - Designed for tasks like spraying and painting, providing protection against toxic fumes and aerosols.
5. **Construction:**
 - Useful for cement work, roofing, and related tasks involving exposure to dust and harmful particles.