



Technical Datasheet

Venus CleanAIR

Basic EVO & Basic PAPR

A time-tested powered respiratory system

An easily replaceable filter



EN 12941:1998+A2:2008

European Approval

EVO Universal

Item# 110353901

Set includes Battery, Charger, PVC Breathing Hose, Basic filters, Hood Type, Carrying bag.

& also Compatible with Venus other Hoods



Spares for PAPR



Filter

Item # 170368701



Pre filters

Item # 170363001



Flow Indicator

Item # 170362901



Charger

Item # 170363201 (EVO)

Item # 170368801 (Basic)

Detailed Accessories for Venus CleanAIR:

- **Hoods:**
 1. **Universal Hood CA2P:** Tyvek, CHC Visor (Painting) – Item # 110356401
 2. **Universal Hood CA2:** Tyvek, Standard – Item # 110353501
 3. **CA2 Hood - Tychem:** Chemical-resistant – Item # 110352701
 4. **Universal Hood CA2R:** PVC, Reusable – Item # 110353001
- **Breathing Hoses:**
 1. **With Connector SA-BT 100 (CA40F/CA40M)** – Item # 110354201
 2. **PVC Breathing Hose** – Item # 170364401
- **Masks:**
 1. **Full Face Mask FFM-V777** – Item # 110354101
 2. **Full Face Mask FFM-V667** – Item # 110351801
- **Helmet:**
 1. **Safety Helmet CA4 (Industrial)** – Item # 110353101



Technical Specifications:

- **Product Name:** Venus CleanAIR (Basic EVO & Basic PAPR)
- **Certification:** CE 1024, EN 12941:1998+A2:2008 (European Approval), EN 12941 TH3
- **Airflow:** Adjustable (170–240 lpm)
- **Operation Time:** Up to 10 hours
- **Charging Time:** 4–5 hours
- **Weight:** 880 g (including battery)
- **Battery Type:** Li-Ion
- **Dimensions:** 191 mm / 173 mm / 104 mm
- **Noise Level:** Max 70 dB

Features of the Venus CleanAIR:

1. **Lightweight and Compact Design:** Portable filtration, one-button operation, and easy click-lock attachment.
2. **Enhanced User Interface:** LED control panel with pictograms and audio-visual alarms.
3. **Battery and Charging:** Li-Ion battery supports extended operation with filter clogging and charge indicators.
4. **Airflow Control:** Five-level electronic airflow adjustment.
5. **Compatibility:** Works with multiple Venus headpieces and offers varying protection factors based on the head-top used.
6. **Additional Accessories:** Includes spare filters, hoses, belts, and other accessories.

Benefits:

1. **Lightweight and Compact Design:** Enhances ease of use, making it suitable for workers requiring quick setup and mobility in hazardous environments.
2. **Enhanced User Interface:** Improves user awareness by providing real-time alerts for battery charge or filter clogging, ensuring safety.
3. **Battery and Charging:** Provides uninterrupted performance for up to 10 hours, making it reliable for long work shifts.
4. **Airflow Control:** Customizable airflow enhances comfort and usability in varied environments.
5. **Compatibility:** Ensures high flexibility, allowing users to select headpieces tailored to specific tasks or environments.
6. **Additional Accessories:** Simplifies maintenance and extends the product's usability, reducing downtime and costs.

Cautions & Limitations:

1. **Fit:** Ensure proper fit to prevent leakage and maintain protection.
2. **Environment:** Not for use in low oxygen (<19.5%) or confined spaces without verification.
3. **Filter Maintenance:** Regularly check and replace clogged or damaged filters.
4. **Battery:** Fully charge before use; operation time varies with airflow settings.
5. **Accessories:** Use only compatible hoods, hoses, and filters.
6. **Noise:** Max noise level of 70 dB; use ear protection if needed.
7. **Chemical Exposure:** Select appropriate hoods (e.g., Tychem) for chemical environments.
8. **Care:** Clean and store in a dry, dust-free area; avoid extreme temperatures.
9. **Inspection:** Check for damage or wear before use.
10. **Training:** Ensure users are trained on proper usage and maintenance.

User Instructions for Venus CleanAIR:

1. **Preparation:** Inspect components, charge the battery, and check/replace the filter.
2. **Assembly:** Connect the hood/mask, breathing hose, and filter securely.
3. **Fitting:** Adjust straps for a snug, leak-free fit.
4. **Operation:** Power on, set airflow level, and monitor the LED panel for status.
5. **After Use:** Turn off, clean components, and recharge the battery.
6. **Storage:** Store in a clean, dry area away from sunlight and extreme temperatures.
7. **Maintenance:** Regularly replace filters and check for wear or damage.

Applications of Venus CleanAIR

1. **Industrial Settings:**
 - Ideal for dusty or hazardous environments like factories or chemical plants, protecting against toxic fumes, aerosols, and bacteria.
2. **Automotive/Shipbuilding:**
 - Effective for grinding, sanding, and surface finishing tasks, ensuring safety from metal particles and fumes.
3. **Construction:**
 - Provides protection during material handling, spray painting, and welding by filtering harmful dust, fumes, and gases.
4. **Food Industry:**
 - Suitable for bagging and packaging operations, guarding workers against fine particulates while maintaining product hygiene.



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