

VenGARD®

Comfort and safety under one hood for better hygiene!

VenGARD® is a certified, fan-assisted respiratory protection system with various features and innovations. The software uses an algorithm to detect the amount of exhaled air from the user and can thus adjust the air flow. In combination with laminar flow, a CO₂ concentration of less than 1% is achieved at very low volume flows. The fan system is hygienically connected under a disposable hood with a breathing air filter, thus remaining contamination-free.

This solution is ideal for the medical, pharmaceutical, food, agricultural, and medical technology industries, as well as for laboratories, emergency services, and Ex zones 21 and 22.

Key features:

- Highly transparent visor: Enables clear, unrestricted vision
- Spacious: Comfortable and safe for bearded and bespectacled wearers
- Lightweight, small, and compact: Thanks to demand-driven air supply, the device is cable- and hose-free. This simplifies handling and increases wearing comfort
- Double filtration: Not only the supply air but also the exhaust air is filtered to protect the environment from potential contamination
- Visual and acoustic feedback: It provides clear signals for the wearer or other persons to check the functionality of the device
- Intelligent battery monitoring: Monitoring of the current status and long-term service life of the battery
- Contamination-free: The device is protected by its design, the simplified and hygienic dressing and undressing process, and the hood, and remains contamination-free
- Neck closure system: Features a convenient solution
- USB-C port for remote maintenance: The device does not leave the zone
- Total leakage: Class 4 according to EN 12941 and EN1073-1 – Protection factor >20,000





Your advantages:

- Safe
- Hygienic design
- Comfortable: quiet, small, lightweight, spacious, no feeling of constriction, suitable for everyone and functional
- Increased productivity thanks to significantly improved comfort
- Time and cost-saving:
 - Quick donning process and no re-processing necessary after use
 - Remote maintenance saves on transport and administrative costs

Certifications and Specifications:

- CE certification: EN 12941:2023 TH3P, EN 14126:2003/AC:2008, EN 1149-5:2018
- Weight: <400 grams including battery and air duct
- Filter: TH3P filtration and, from Q1 2026, ABEK P3



Scan the QR code for more information!

DISTRIBUIDOR
AUTORIZADO:

