

MERCEDES-BENZ - GLOBAL AUTOMOTIVE MARQUE INSTALLS NOVENCO CAR PARK VENTILATION SYSTEM



Photo: Mercedes-Benz

NEW OFFICE CONCEPT

The latest pride of Mercedes-Benz, a modern office building in Nieuwegein, the Netherlands, follows the new Daimler's office concept MeWe Space. Here creativity and functionality melt together to form a multi-purpose office space.

The renovated building meets the desire to work in a different way, where mobility and flexibility play an important role. The heart of the building is a two floor high atrium, which includes a full glass roof, vertical gardens on the walls, glass tower meeting rooms and plenty of space for creativity.

The new offices cover all entities and house staff from the passenger car, delivery van, truck, financial and services divisions under one roof.

To follow suit with the high standards of the renovated building and to fulfil the regulations for fire ventilation systems in the Netherlands, Mercedes-Benz has chosen to install NOVENCO car park ventilation systems in these underground facilities. NOVENCO Building & Industry was awarded the contract from HOMIJ Technische Installaties, who is responsible for all technical installations, for re-design of the two-layer car park ventilation system, component delivery, installation and for certification according to BRL-K21025. The contract also stipulated an external inspection approval of the firefighting system by Kiwa, an autonomous global organization for testing, inspection and certification.

RELIABLE TECHNOLOGY

Car park ventilation systems are among NOVENCO's basic technologies and expertise. This field of solutions was in fact introduced by NOVENCO in the 1990s, when our jet fans revolutionised the market for car park ventilation systems.

Today, the jet fans are recognised as invaluable assets for removal of exhaust gases from cars and for aiding firefighting services. The energy use of our car park solutions is at a minimum in all situations and provides comfort ventilation or efficient removal of toxic smoke from fires.

The solutions are truly 2-in-1, as they help protect lives and assets as well as the environment.

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FACTS

- HIGHEST LEVEL OF FIRE SAFETY
- 18 JET FANS IN TWO-LAYER CAR PARK
- DUTCH BRL-K21025 CERTIFICATION

HIGHEST SAFETY INSTALLATION

The system from NOVENCO Building & Industry consists of 18 pcs jet fans type AUO 290, one large axial flow fan type ACN 1000 for air supply and two large extract shafts fitted with two axial flow fans type ACN 1000, which ensure safe and efficient extraction of the polluted air mixture from the car park facility.

The system from NOVENCO Building & Industry is certified in accordance to the Dutch BRL-K21025 for certification of Smoke Control Systems in accordance with the regulations from 2014. The aim of the certification scheme is to establish and set the quality level for smoke control systems in the Netherlands.

The BRL-K21025 sets the approval criteria for smoke control systems and how enforcement and control take place. The smoke control systems include smoke and heat exhaust systems and overpressure systems, especially in stairwells.

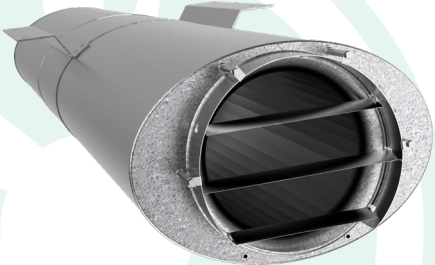
All in all the system from NOVENCO Building & Industry ensures the highest level of smoke and toxic gas ventilation.



Jet fan AUO 290 in underground car park



NovAx ACN 1000 fan exhaust



NOVENCO's jet fan type AUO



Modern interior of the two floor high atrium

Photo: Mercedes-Benz

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