



Hessing Automotive in Utrecht

Exclusive Car Showroom in a Comfortable ambiance

Located right next to the A2 motorway close to Utrecht, Holland, you will find the spectacular new building of Hessing Automotive.

This architectural masterpiece, a showroom shaped like a airplane cockpit, is fully integrated in the sound barrier wall alongside the A2 motorway.

Hessing is the importer of exclusive car brands like Rolls-Royce, Bentley, Maserati and Lamborghini.

A special building with a special climate condition installation.

The technical installation was a huge challenge because of the steel construction of the building, the large size of the glass windows and the exceptional shape. The building consists of three floors

Through excellent co-operation between the architect, the design office, the M&E contractor and WTH, a system has been designed to heat and cool the building in a very comfortable and environmental friendly way.

Facts and Figures

Building

- Floor area : 6400 m²
- Insulation: Rc = xxx m².K/W - Floor insulation: 6400 m²

Source of energy

- Boiler and Chiller

Climate system

- Heating and Cooling
- Active heating up to 60°C flow
- Active cooling down to 17°C flow
- Heat recovery - ventilation

Thermo-Floor system

- Full service project execution
- RUH-N-manifolds for heating and cooling
- Central control for each zone
- 24,7 km underfloor pipe

A showroom with the very best comfort

The end result was a tailor made solution based on experience and proven technology. The tubes are integrated in the concrete core of the floors. Through this construction the heat and cooling will radiate to the upper and lower side of the floors. Heating is generated by a gas fired boiler. Cooling comes from a cool water chiller.

Using this method, customers from Hessing are served, summer and winter, in a comfortable showroom that fits perfectly with the exclusive image of their car brands.