

## Elite sports school - Wilrijk

### Project Details

**Contractors**  
 Sanitechniek

**Location**  
 Edegemsesteenweg 100  
 2610 Wilrijk Belgium  
 Antwerpen BE

**Client**  
 Vespa AG

**End User**  
 Democo nv

**Architects**  
 Compagnie-o architecten

**Engineering Office**  
 Util Struktuurstudies, Abetec nv

**Project website**  
[Stedelijk Lyceum Topsport](#)



New building school

- Builder: Vespa AG / Architect: Compagnie-O // piece for underfloor heating and floor convectors
- Air handling unit system D with adiabatic cooling AHU Study agency: Abetec
- Techniques: HVAC and SANITARY

Central boiler room with 2 condensing gas floor boilers 120 kW1 = 6,775 m<sup>3</sup>/h (judo/taekwondo, fitness, referees)

Air handling group system D with adiabatic cooling AHU 2 = 7,100 m<sup>3</sup>/h (changing rooms, cafeteria, kitchen and sanitary rooms)

Air handling group system D with adiabatic cooling AHU 3 = 7,340 m<sup>3</sup>/h (classrooms, management/secretarial offices and meeting rooms)

Air handling unit system D AHU 4 = 4,975 m<sup>3</sup>/h (sports hall)

Air handling unit system D with adiabatic cooling AHU 5 = 7,250 m<sup>3</sup>/h (classrooms)

Water-to-water heat pump for heat recovery from shower waste water

Sanitary facilities + fire reels