

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 m³/h (judo/taekwondo, fitness, referees)

Air handling group system D with adiabatic cooling AHU 2 = 7,100 m³/h (changing rooms, cafeteria, kitchen and sanitary rooms)

Air handling group system D with adiabatic cooling AHU 3 = 7,340 m³/h (classrooms, management/secretarial offices and meeting rooms)

Air handling unit system D AHU 4 = 4,975 m³/h (sports hall)

Air handling unit system D with adiabatic cooling AHU 5 = 7,250 m³/h (classrooms)

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

Sanitary facilities + fire reels