

OBJECT OF THE MONTH



SECONDARY SCHOOL, ST.VEIT

The school building has been upgraded to conform to Passive Energy House Standards. For the classrooms, the group rooms, the conference rooms, the office rooms, and the gyms as well as the sanitary modules, centralised aeration systems were designed. Constructed were centralised supply and exhaust ventilation systems that were installed in roof spaces and on the flat roofs of the extension and surrounding structure. Weatherproof systems were employed on the roofs.

Integrated in the round and rectangular steel-sheet duct systems were volume regulators for supply- and exhaust air in accordance with requirements in each room together with the necessary silencers. Hence, the environment in each room can be adjusted to provide an individualised climate zone.

INSTALLED IN THE ROUND/RECTANGULAR DUCT SYSTEMS ARE:

- Circular/rectangular fire protection flaps
- Airflow regulators with silencers
- Silencers in the core ventilation system
- Supply air and exhaust air grilles
- Ceiling diffusers for the air supply

DATA & FACTS

Location: Carinthia, St. Veit

Products:

CORRIDORS AND INTERMEDIATE SECTIONS:
V = 6700 m³/h Pichler LG 6700

CLASSROOM AND CONFERENCE SECTION:
V = 8300 m³/h Pichler LG 8000

SANITARY AREA:
V = 700 m³/h Pichler LG 1400

GYMNASIUM:
V = 1350 m³/h Pichler LG 2000

CLOAKROOM AREA:
V = 2200 m³/h Pichler LG 3200

SANITARY AREA:
V = 1200 m³/h Pichler LG 1400

DECENTRALIZED CLASSROOM DEVICES:
for installation in the classrooms V = 750 m³/h

Product groups:

