

OBJECT OF THE MONTH



STUDENT VILLAGE, KLAGENFURT

As part of the comprehensive thermal building renovation of the student village in Klagenfurt, several decentralized LG 100 compact ventilation units are used as a ceiling solution. A suspended ceiling of 200 mm hides the built-in frames and the KomFlex® pipes.

- The rooms are connected to the ventilation unit with the KomFlex® air duct system.
- Moisture protection and comfort ventilation with heat recovery
- Without condensate drainage by enthalpy exchangers
- VOC/eCO2 multi-sensor for room air quality measurements integrated
- High acoustic insulation, quiet in operation
- Intelligent moisture control
- Comparison of the outdoor air quality with the room air
- Allocation of the operating & maintenance expenses by individual apartments
- No penetration of fire compartments in residential buildings

The 24 renovated building units received the klimaaktiv award „Silver“. 840 out of a maximum of 1000 points were achieved.

DATA & FACTS

Location:	Carinthia
Completion:	2022
Type of building:	Passive house residential complex
Builder:	Studentenheim GmbH
Architect:	Hirm & Partner ZT GmbH
Building technology:	a.zoppoth haustechnik GmbH
Planner:	Ingenieurbüro Lakata GmbH
Products:	LG 100 ceiling units, spiral pipes & fittings, KomFlex®, SDV design valves, suction niches

Product groups:

