

OBJECT OF THE MONTH

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RESIDENTIAL BUILDING, TELFS

The newly built residential complex was planned and implemented according to the klimaaktiv standard. All buildings were built in passive house quality according to TWFG. Environmentally friendly building materials were used and the highest requirements in terms of low energy consumption, indoor air quality, health and comfort were met. With a photovoltaic system, the sunny location is optimally used from an energetic point of view.

Each residential unit has a controlled living space ventilation (comfort ventilation). The supply air is introduced in the living area and in the bedrooms, the exhaust air is extracted in the bathroom, toilet, kitchen and storage room.

The energy-efficient ventilation units LG 750 in the roof-integrated design are specially developed and optimized ventilation units with an integrated Pichler Air2 control system tailored to the individual requirements. In combination with VAV USD boxes for supply and exhaust air, the comfort ventilation ensures a perfect room climate - 365 days a year.

DATA & FACTS

Location: Tirol

Completion: 2022

Type of building: Passive house residential

Builder: Alpenländische Gemeinnützige WohnbauGmbH

Architect: Architekturbüro Walch und Partner ZT GmbH

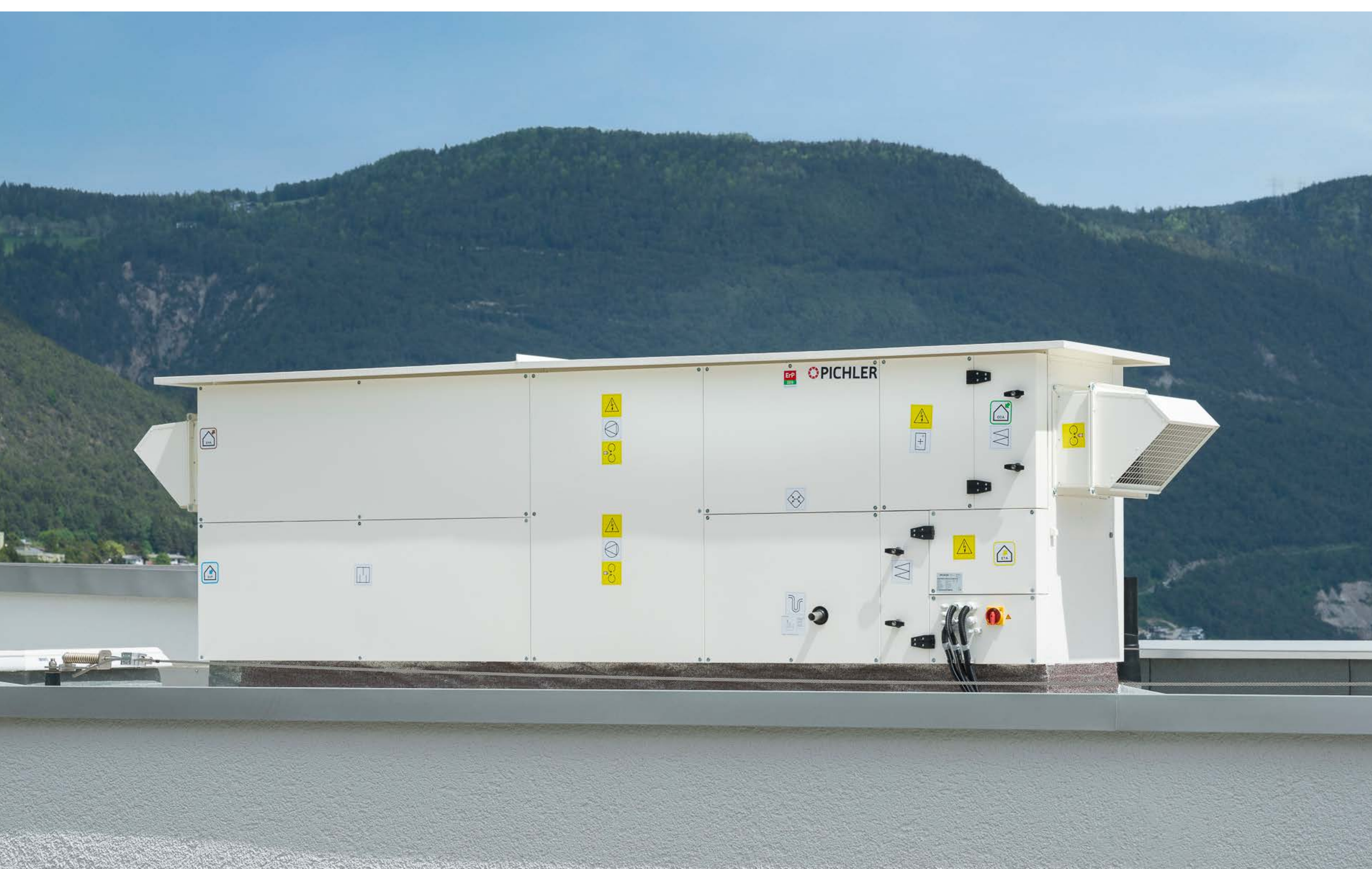
Building technology: freund GmbH

Planner: A3 jp-haustechnik gmbh & co kg

Products: 3 pcs. LG 750 roof-integrated version,
18 pcs. VAV-USD-SLU Box

Product groups:

COMFORT
VENTILATION



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