

OBJECT OF THE MONTH



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RESIDENTIAL BUILDING, JENBACH

An extraordinary construction project was realized in Jenbach in a sunny location with a unique view. Divided into four buildings, 39 non-profit rental apartments with a net living area of 3,000 m² were created.

All apartments have controlled home ventilation in combination with an air heat pump and underfloor heating.

The highly efficient system solution from PICHLER was used for the central home ventilation. Excess CO₂, moisture (from the bathroom, toilet, kitchen), viruses, bacteria, house dust, odors and vapors are quickly removed by the home ventilation and effectively transported to the outside. The fresh air is filtered before entering the interior; this way, pollen, pollutants, annoying insects, etc. do not get into the building.

In winter, the passive house-certified compact ventilation units LG 1400 and LG 3200 extract the heat from the exhaust air and transfer it to the supply air using a heat exchanger. This keeps the valuable thermal energy in the building, which significantly reduces heating costs.

DATA & FACTS

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| Location: | Tirol |
| Completion: | 2022 |
| Type of building: | Passive house residential complex |
| Builder: | Alpenländische Gemeinnützige WohnbauGmbH |
| Architect: | Autarc ZT GmbH, Arch. DI Armin Autengruber |
| Building technology: | TEGA |
| Planner: | Ingenieurbüro Pratzner Ges.m.b.H. |
| Products: | 3x LG 1400, 1x LG 3200, VAV-USD-boxes, secondary vents, fire dampers, butterfly valves |

Product groups:



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