

OBJECT OF THE MONTH



SINGLE FAMILY HOUSE, CZECH REPUBLIC

Minimalism meets comfort

This single family house impresses with its understated, minimalist design, which creates a fresh and calm living atmosphere. During the planning phase, a customised heating and ventilation concept was developed that not only meets the latest standards, but also ensures a high level of living comfort, energy savings and a healthy indoor climate - so that the residents can enjoy their new home to the full.

Healthy air with cutting-edge technology

Modern ventilation ducts and the compact PKOM⁴ heat pump combi unit were installed for the realisation. This highly efficient solution combines controlled ventilation, heating, cooling and hot water supply in a single unit. Thanks to innovative heat recovery, the energy from the exhaust air is utilised to heat the fresh air. This significantly reduces heat loss and cuts heating costs in the long term. Another highlight is the integrated hot water preparation - ideal for households that want to optimise energy costs and reduce their dependence on conventional heat sources.

Intelligent, quiet and efficient

The PKOM⁴ also impresses with its intelligent control system, which allows the settings to be flexibly adapted to individual requirements. Its extremely low noise level ensures undisturbed living comfort, while its high energy efficiency guarantees sustainable operation.

DATA & FACTS

Location:	Czech Republic
Completion:	2024
Type of building:	Passive house
Building technology:	Evora CZ s.r.o.
Products:	Heat pump combi unit PKOM ⁴ , ducts and fittings

Product groups:

