



POPUP DORMS ASPERN, VIENNA

Mobile hall of residence for students: The "PopUp – Green-FlexStudios" hall of residence for 40 students in the Aspern "lakeside town" was built within a construction period of only one week - so short that it was likely to break world records. Its high degree of pre-fabrication is a mark of how quickly and economically construction can be done, at the same time maintaining a high passive house energy standard. Furthermore this flexible pioneer project serves to save a considerable part of the expensive property costs.

The highly energy-efficient passive house guarantees that the residents benefit from the low operating costs from the first day onwards - while at the same time providing high living comfort and excellent air quality thanks to the comfort ventilation from PICHLER. Ventilating – heating – cooling – hot water. The PKOM⁴ heat pump combi unit combines all four functions on a floor space of less than 0.75 m². Compact and efficient. 10 PKOM⁴ heat pump combi units permanently supply the rooms with fresh and filtered air from the outside and ensure the hygienic exchange of air.

DATA & FACTS

Location: Vienna

Completion: 2015

Type of building: passive house

Architecture: F2 Architekten ZT GmbH

Building technology: Obermayr Holzkonstruktionen GmbH

Products: heat pump combi units PKOM⁴,
sound absorbers, spiral ducts,
fittings, valves, fire protection

Product groups:

AIR
CONDUCTION

AIR
DISTRIBUTION

COMFORT
VENTILATION

FIRE
PROTECTION
SMOKE AND
HEAT
CONTROL

