

# OBJECT OF THE MONTH



## HOTEL & ASIA SPA, CARINTHIA

PICHLER supplied components for air conditioning, underfloor heating and domestic hot water production at the Asia Hotel & Spa Leoben. The scope of supply includes a Komfovent air handling unit with a direct expansion coil combined with Mitsubishi heat pump technology, as well as two Midea R290 monobloc heat pumps with a total heating capacity of 80 kW.

### A future-proof system solution for heating, cooling & ventilation

Air conditioning is provided by a Komfovent VERSO series air handling unit with an airflow rate of 5,000 m<sup>3</sup>/h. The integrated direct expansion coil operates in combination with Mitsubishi heat pump technology. Two PDX200S-R410A units each provide 20 kW of cooling capacity and 22 kW of heating capacity.

### Heat supply for underfloor heating and domestic hot water

Two Midea MHCV40WD2RN7 monobloc heat pumps supply heat for the underfloor heating system and domestic hot water production. The units use R290 refrigerant and each deliver a heating capacity of 40 kW.

## DATA & FACTS

|                      |                                    |
|----------------------|------------------------------------|
| Location:            | Leoben                             |
| Completion:          | 2026                               |
| Type of building:    | Hotel                              |
| Building technology: | ROTH Handel & Bauhandwerkerservice |

- Products:
- 2 × Midea R290 monobloc heat pumps MHCV40D2RN7
  - 1 × VERSO-CF air handling unit with 5000 m<sup>3</sup>/h
  - 2 × PDX200S-R410A units (total capacity: 40 kW/44 kW)

### Product groups:

