



Seit 1877

Kiefer

Luft- und Klimatechnik

Neue Wege mit Luft

Chilled Ceiling Panel INDUCOOL-Compact

Raiffeisenbank Heide

The first savings and loan societies that were later amalgamated into today's Raiffeisenbank Heide were founded as early as the 19th century. The Spar- und Darlehenskasse e.G.m.u.H, which is now the Raiffeisenbank Heide, was subsequently established in 1921. Just four years later, the society moved into the current business premises near the market in Heide. After several mergers with neighbouring Raiffeisen banks, the head office in Heide eventually outgrew its premises. In October 2014 the foundation stone was laid for the extension and renovation of the existing building. After a construction phase lasting just over 12 months, the opening of the new Raiffeisenbank Heide was celebrated in November 2015.

As part of the extension and renovation work, the entire building was also to be equipped with an air conditioning system, including mechanical ventilation. For this, various room types with entirely different cooling loads, air flow rates and requirements had to be taken into consideration. The limited space above the intermediate ceiling in the existing building further complicated the search for a suitable system. Engineering consultants Pahl und Jacobsen Heide eventually chose the

INDUCOOL-Compact Chilled Ceiling Panel from Kiefer. Thanks to the highly versatile nature of the INDUCOOL range, all room types could be served by the same system. These include the customer foyer with waiting area, individual and team offices, as well as the consulting and conference rooms.

The refined aluminium framework and perfect integration of the INDUCOOL panels into the perforated plasterboard ceilings impressed both the interior designers of ebene03.büro für räume and the proprietors themselves. These features significantly contribute to the high grade architectural appearance of the building as a whole today.



Photos © Kiefer

INDUCOOL Chilled Ceiling Panels for a high level of thermal comfort in the conference rooms of the Raiffeisenbank Heide.





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Optimum indoor environment in the customer foyer with INDUCOOL Chilled Ceiling Panels from Kiefer.

Function INDUCOOL

INDUCOOL cools with air and water. Most of the thermal energy is removed quickly and economically by cooling water. High-quality air diffusers ensure a high degree of comfort and optimum air distribution.

System advantages INDUCOOL

- Greater thermal comfort with low air velocity
- Chilled ceiling panels require only 5-10% of the ceiling area
- Reduced energy cost by exploiting the cooling potential of outdoor air
- High cooling capacity up to 500 W/m
- Integration of cooling panels in all common ceiling systems
- A full-surface cooling-water system is not required

Technical Data

Building:	Raiffeisenbank Heide
Proprietor:	Raiffeisenbank eG Heide
Architects:	DL Architekten + Partner, Bredsted
Interior Designers:	ebene03.büro für räume, Hamburg
Consultant:	Engineering Consultants Pahl und Jacobsen, Heide
Completion:	11/2015
Product:	Chilled Ceiling Panel INDUCOOL, 235 lfm.
Construction Volume:	14.400 m ²

