



Kühldeckenpaneel INDUCOOL



Seit 1877

Kiefer

Luft- und Klimatechnik

Neue Wege mit Luft

Callcenter Vivento, Frankfurt

The capabilities of a call centre are determined by a sophisticated synergy of people, technology and organization. The highest requirements for heating, air conditioning and room acoustics have to be implemented here: low ambient air velocities, even ambient temperature without fluctuations, handling of specific cooling loads and low reverberation times. The comfort of the employees in such a densely populated space presents a special challenge.



Funktion 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.

Systemvorteil INDUCOOL:

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

Building	Callcenter Vivento Frankfurt
Proprietor:	DeTe Immobilien Frankfurt
Consultant:	Planungsgruppe M + M AG Böblingen
Ventilation system:	Chilled ceiling panel INDUCOOL
Type of ceiling:	Drywall-acoustics-ceiling
Scope:	576 m ² conditioned area
Aktivated ceiling area:	< 5 %
Specific cooling capacity:	80 W/m ²
Specific air flow rate:	10,2 m ³ /hm ²

