

Cooling and heating systems

Contact cooling ceiling system KKS-3/LD – for metal ceilings



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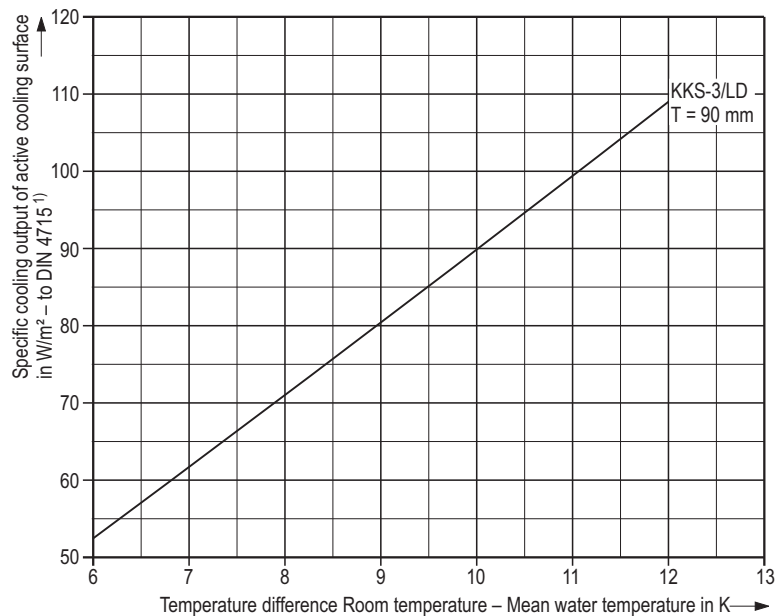
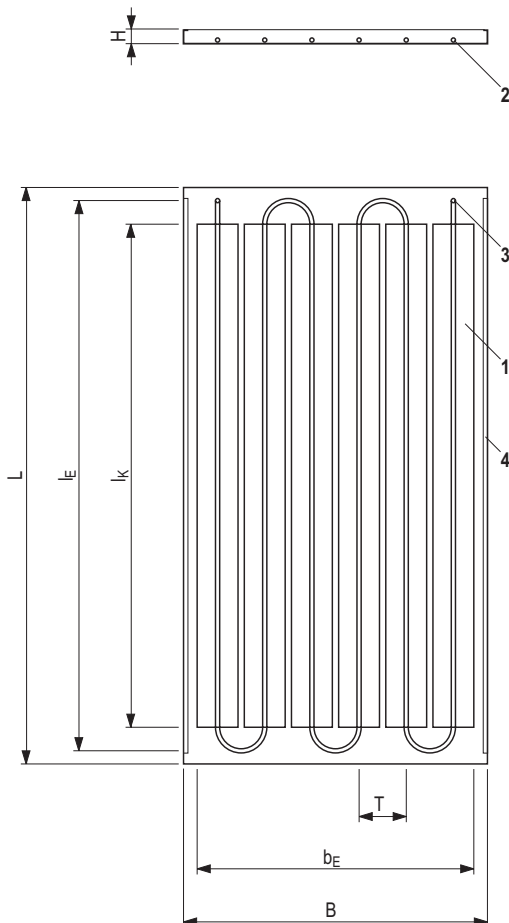


The contact cooling ceiling system KKS-3/LD is designed for combination with plane metal acoustic ceilings from various manufacturers to produce radiant cooling or heating ceilings or walls. The permanent large-surface contact between the cooling element and the ceiling tile is done with adhesive.

Metal ceilings integrating KKS-3/LD elements can be made in various design options:

- perforated or non-perforated, and thus more or less sound-absorbing,
 - as linear strip ceilings or with concealed ceiling suspension structures,
 - as rectangular or square tile ceilings,
 - in pull-down or detachable design, or to be clipped to or laid onto suspension structures,
 - accommodating ceiling utilities such as lighting, air diffusers, sprinklers, etc.
- They are intended for use in offices, meeting rooms, foyers, showrooms, libraries, etc., for removing mean cooling loads.

KKS-3/LD elements are also suitable for making chilled sails in various styles.



Key:

- | | |
|-------------------------------------|--|
| 1 Aluminium heat conducting element | L = Length of ceiling tile |
| 2 Copper serpentine pipework | B = Width of ceiling tile |
| 3 Connection for chilled water | H = Height of ceiling tile |
| 4 Ceiling tile | l _E = Length of KKS-3 element |
| | l _k = Length of aluminium heat conducting element |
| | b _E = Width of KKS-3 element |
| | T = Pipe division of serpentine pipework |

1) Output increased when discharging turbulent supply air from the ceiling

– Subject to technical alteration –

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