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Adaptable cooling coil performance during part loads in the tropics - A computational evaluation

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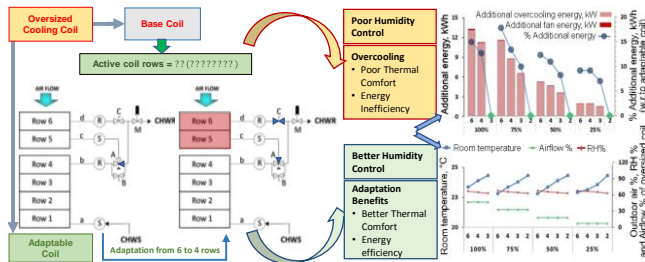
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Graphical abstract



Highlights:

- At part loads, over-sized cooling coils cause overcooling in the Tropics
- Overcooling leads to poor thermal comfort and increased energy consumption
- Adaptable coil provides small but relevant improved humidity control
- Improved dehumidification is obtained without an energy penalty

Abstract

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