

Accepted Manuscript

Cooling load for the design of air terminals in a general non-uniform indoor environment oriented to local requirements

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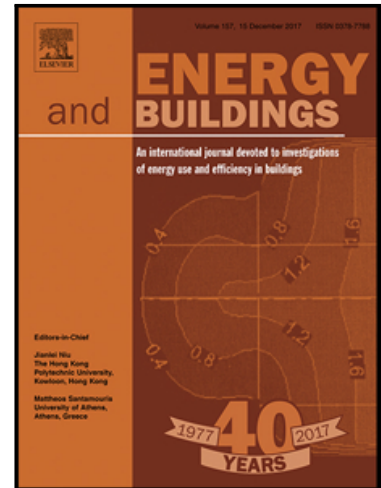
PII: S0378-7788(18)30433-X
DOI: [10.1016/j.enbuild.2018.07.003](https://doi.org/10.1016/j.enbuild.2018.07.003)
Reference: ENB 8672

To appear in: *Energy & Buildings*

Received date: 4 February 2018
Revised date: 6 June 2018
Accepted date: 2 July 2018

Please cite this article as: Chao Liang , Xiaoliang Shao , Arsen Krikor Melikov , Xianting Li , Cooling load for the design of air terminals in a general non-uniform indoor environment oriented to local requirements, *Energy & Buildings* (2018), doi: [10.1016/j.enbuild.2018.07.003](https://doi.org/10.1016/j.enbuild.2018.07.003)

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Highlights

- Local cooling load (LCL) is proposed for general non-uniform indoor environment
- LCL values obtained by Procedure CAV and Procedure VAV are almost the same
- LCL can be less than, equal to, or greater than the conventional space cooling load
- Ventilation system, heat source distribution and target zone have great impact on LCL

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