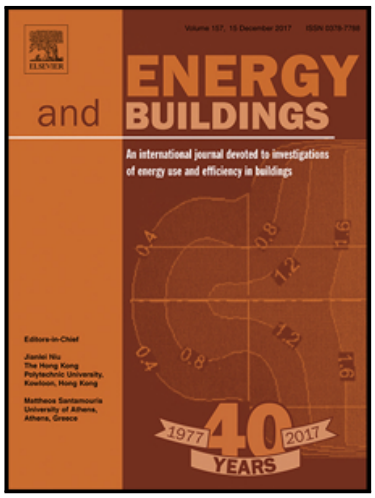

Advanced Personal Comfort System (APCS) for the workplace: A review and case study

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PII: S0378-7788(17)31900-X
DOI: 10.1016/j.enbuild.2018.02.008
Reference: ENB 8324

To appear in: *Energy & Buildings*

Received date: 31 May 2017
Revised date: 1 February 2018
Accepted date: 8 February 2018

Please cite this article as: Sally Shahzad , John Kaiser Calautit , Katrina Calautit , Ben Hughes , Angelo I. Aquino , Advanced Personal Comfort System (APCS) for the workplace: A review and case study, *Energy & Buildings* (2018), doi: 10.1016/j.enbuild.2018.02.008

Highlights

- Performance of user-controlled thermal office chair was studied using CFD, BES and field tests.
- CFD model simulated thermal distribution around thermal chair with a sitting manikin
- BES model simulated the energy performance of an open plan office with the thermal chair
- Forty five individuals used the chair and a survey questionnaire was applied