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Performance Evaluation of a High-Influx, Bubble dehumidifier

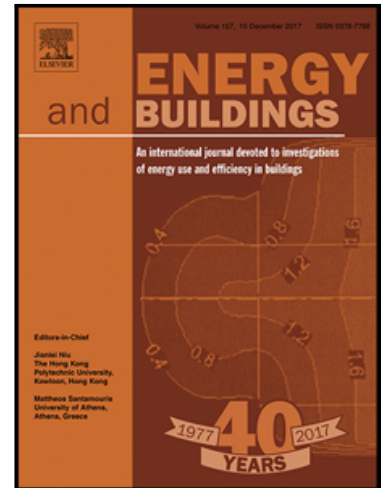
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Highlights:

- prototype of a bubble dehumidifier that accommodates high-influx rates
- maximum moisture removal rate of 0.28 g/s resulting in 66% dehumidifier effectiveness
- semi-analytical procedure to predict performance
- developed empirical formula validated using new data - root mean square error less than 10%

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