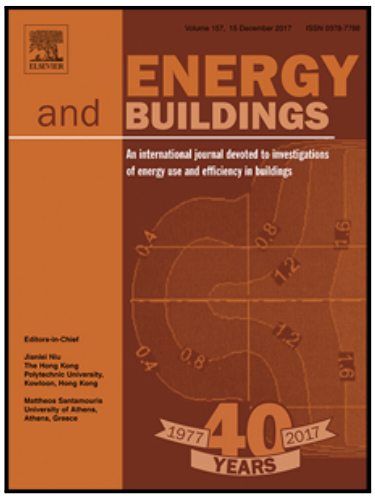

Study on natural ventilation driven by a restricted turbulent buoyant plume in an enclosure

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Highlights

- Thermal stratification driven by a restricted turbulent buoyant plume is studied.
- A threshold is defined to determine whether the plume is restricted.
- Equations containing the enclosure dimensions are proposed to predict the threshold.