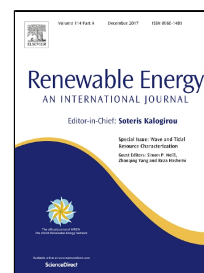


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Effect of rectangular hot water tank position and aspect ratio on thermal stratification enhancement

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Highlights

- The inclined placement of the rectangular hot water tank increases the thermal stratification.
- The change in aspect ratio increase the thermal stratification enhancement for the vertical position of the tank.
- The change in tank position and aspect ratio causes exergy destruction at negligible level.
- Reducing the tank aspect ratio also decreases the thermal storage capacity.

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