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Thermal performance of solar water heater using velocity enhancer

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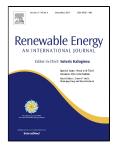
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HIGHLIGHTS

- Passive technique is used to enhance the performance of the collector
- Velocity enhancers reduce the thermal boundary layer
- Higher improvement in efficiency using velocity enhancer was observed
- Nusselt number and pressure drop increases for velocity enhancers
- Head loss due to buoyance is high for flat plate collector with velocity enhancer

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