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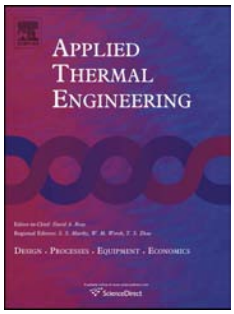

On the performance of A vertical helical coil heat exchanger. Numerical model and experimental validaton

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Highlights

> A numerical model for vertical helical coils inside storage tanks was developed. > The model was validated against experimental data. > The Nusselt number improves by increasing the outer tube diameter. > The heat transfer rate depends mainly on the inner area.

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