

## Accepted Manuscript

Title: Thermal management of double pipe air to water heat exchanger

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**Highlights**

- An air to water double pipe heat exchanger is investigated experimentally.
- The flow in the inner and outer pipe is turbulent.
- $Nu_i$  is an increasing function of  $T$  and  $Q$ .
- $Nu_o$  is a decreasing function of  $T$  and  $Q$ .

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