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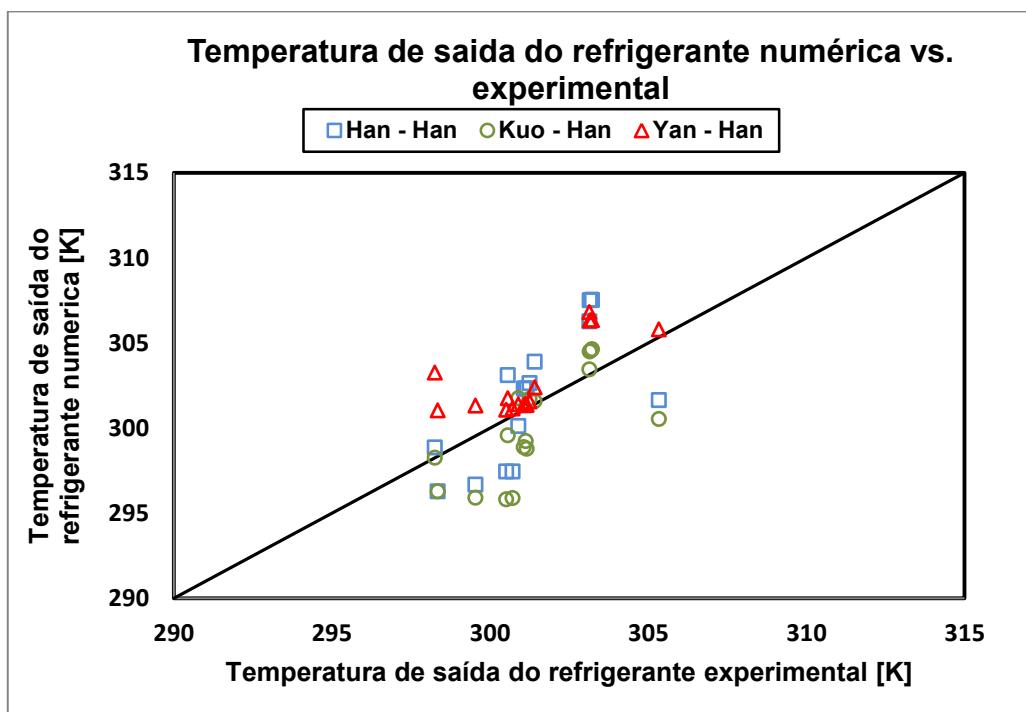
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## APÊNDICE A

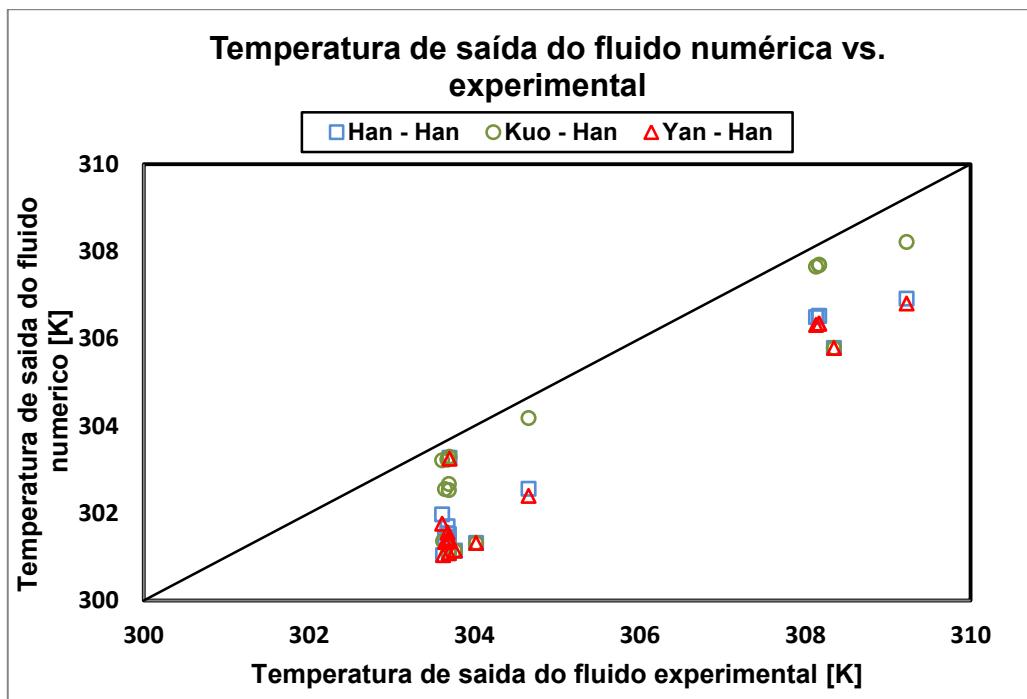
No capítulo 5 foram apresentados os resultados da simulação do condensador e evaporador, onde a comparação entre valores numéricos e experimentais transcorrem na forma de gráficos de erro relativo e absoluto da variável numérica versus a qualquer variável experimental. Apresentam-se neste apêndice as gráficas comparativas entre os dados numéricos versus experimentais.

### A.1

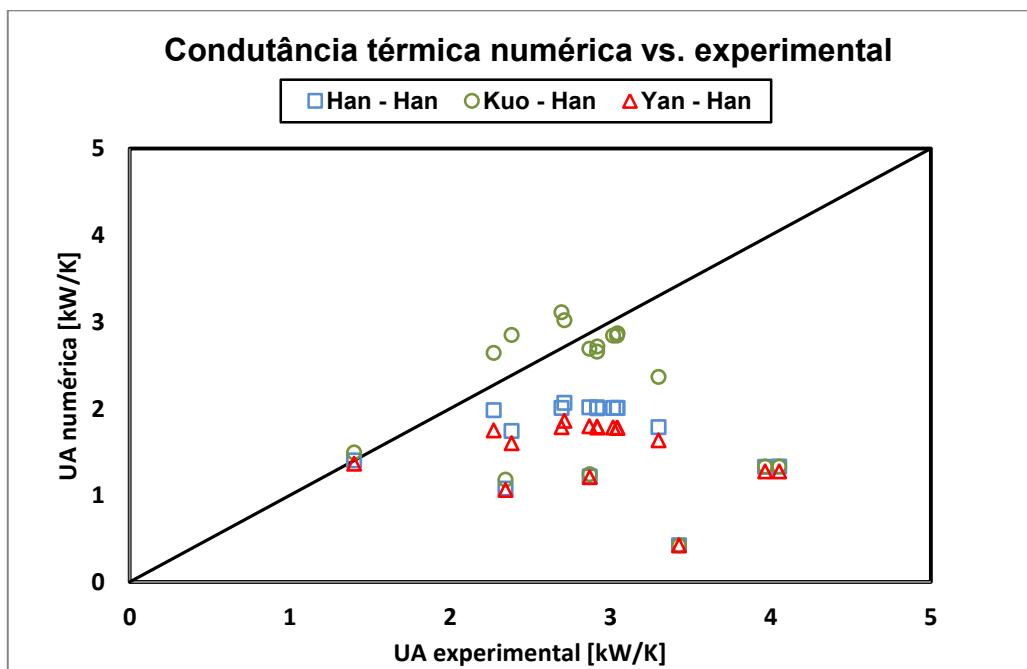
#### Resultados da simulação do condensador com o refrigerante R22



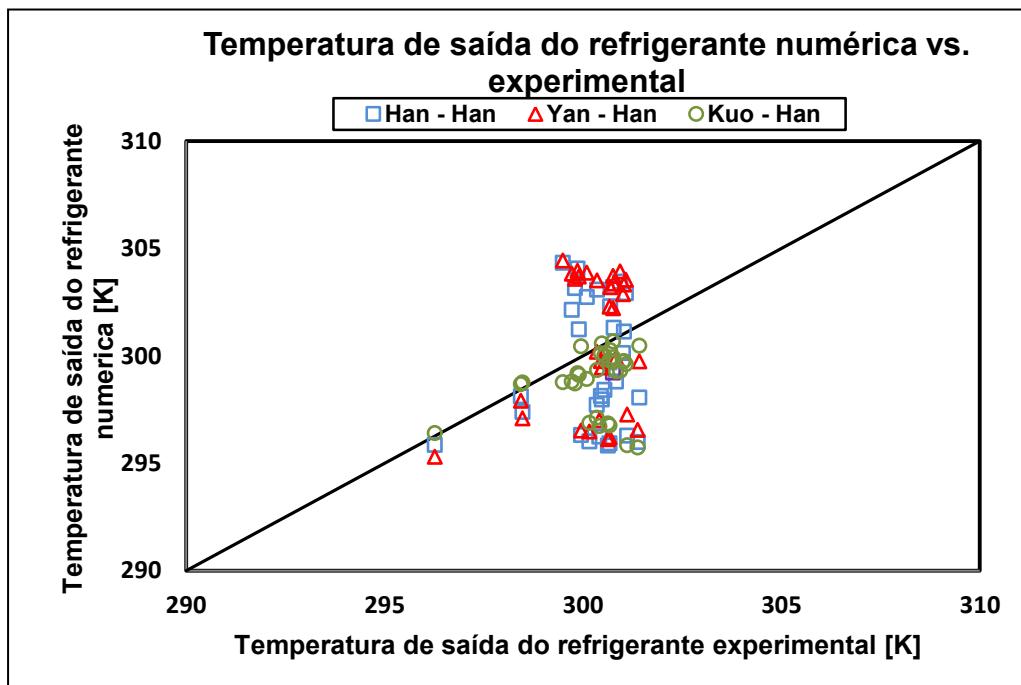
**Figura 49** Comparação das temperaturas de saída numérica e experimental do refrigerante R22 no condensador



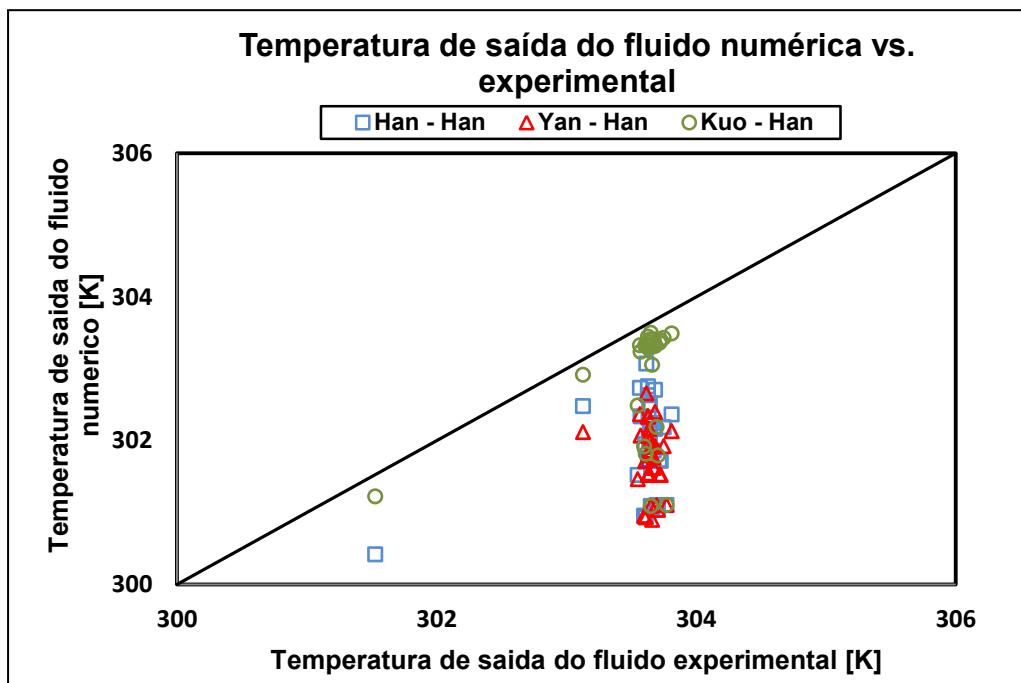
**Figura 50 Comparação das temperaturas de saída numérica e experimental do fluido de resfriamento no condensador**



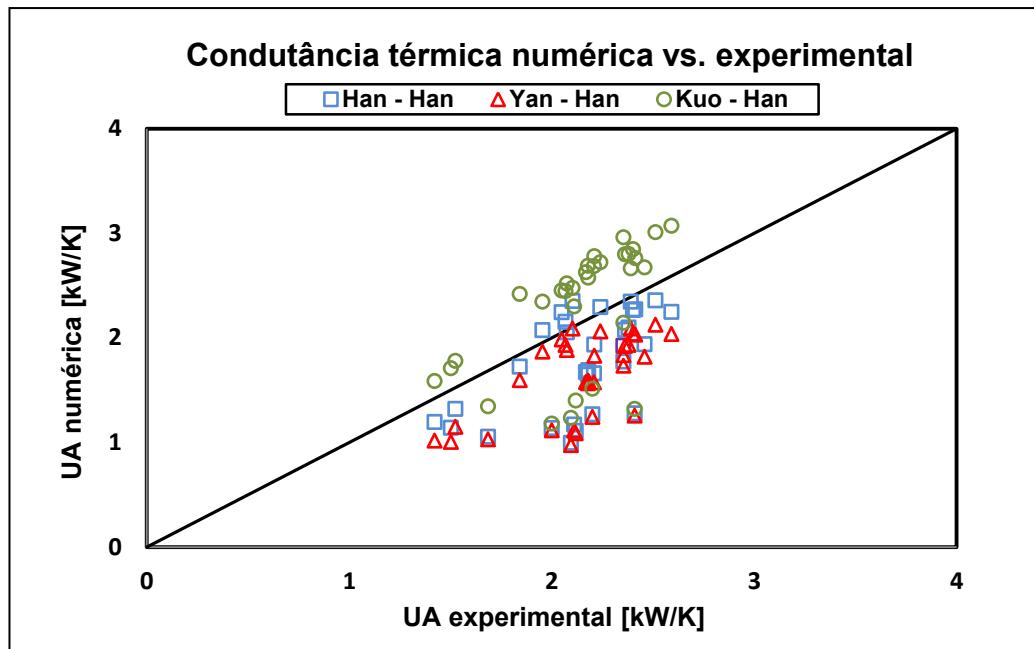
**Figura 51 Comparação da condutância numérica e experimental**

**A.2****Resultados da simulação do condensador com o refrigerante R290**

**Figura 52** Comparação das temperaturas de saída numérica e experimental do refrigerante R290 no condensador.



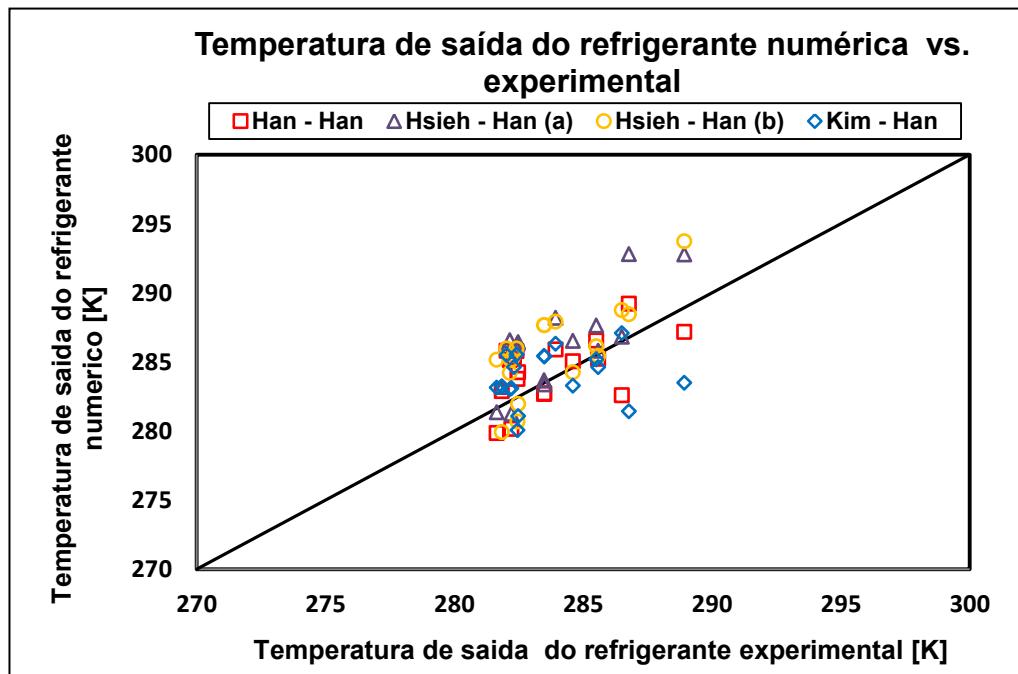
**Figura 53** Comparação das temperaturas de saída numérica e experimental do fluido de resfriamento no condensador.



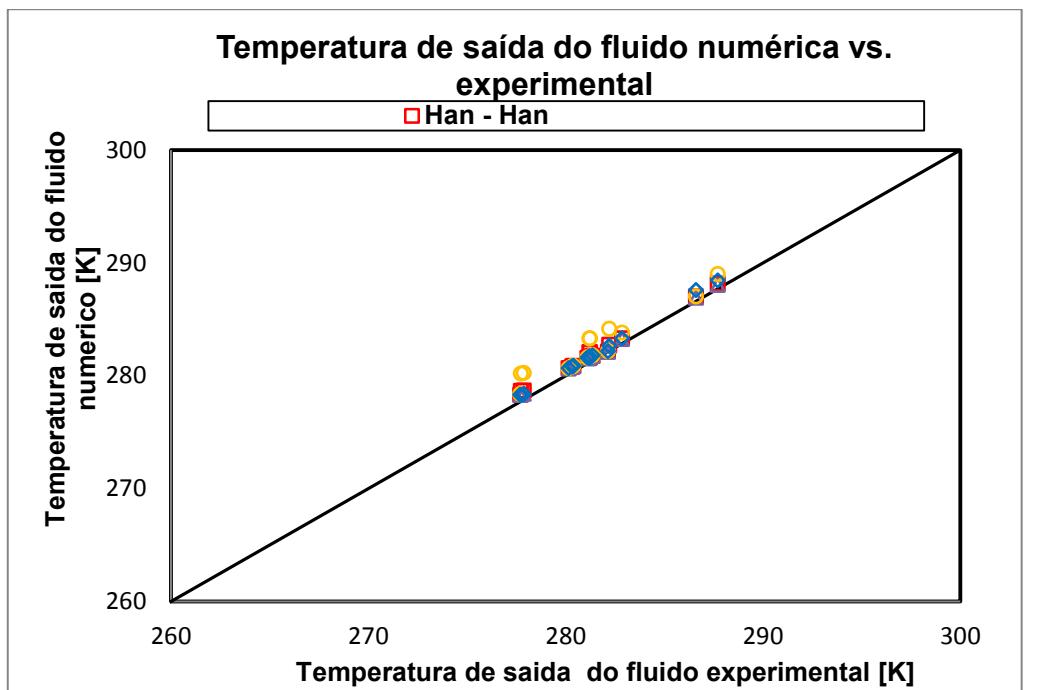
**Figura 54** Comparação das condutâncias numérica e experimental no condensador.

### A.3

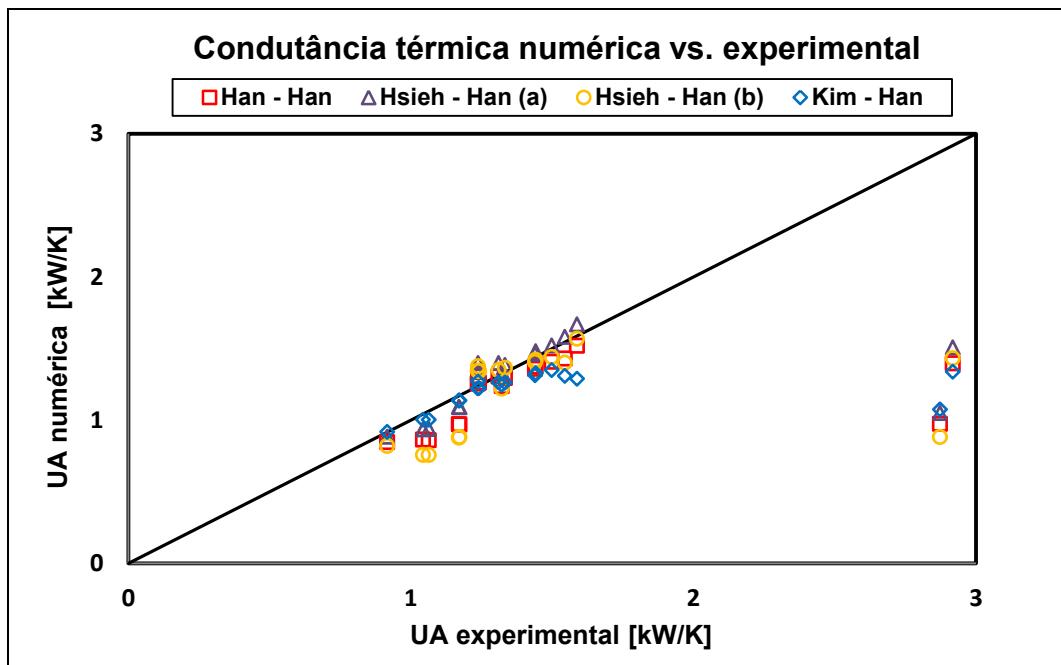
#### Resultados da simulação do evaporador com o refrigerante R22



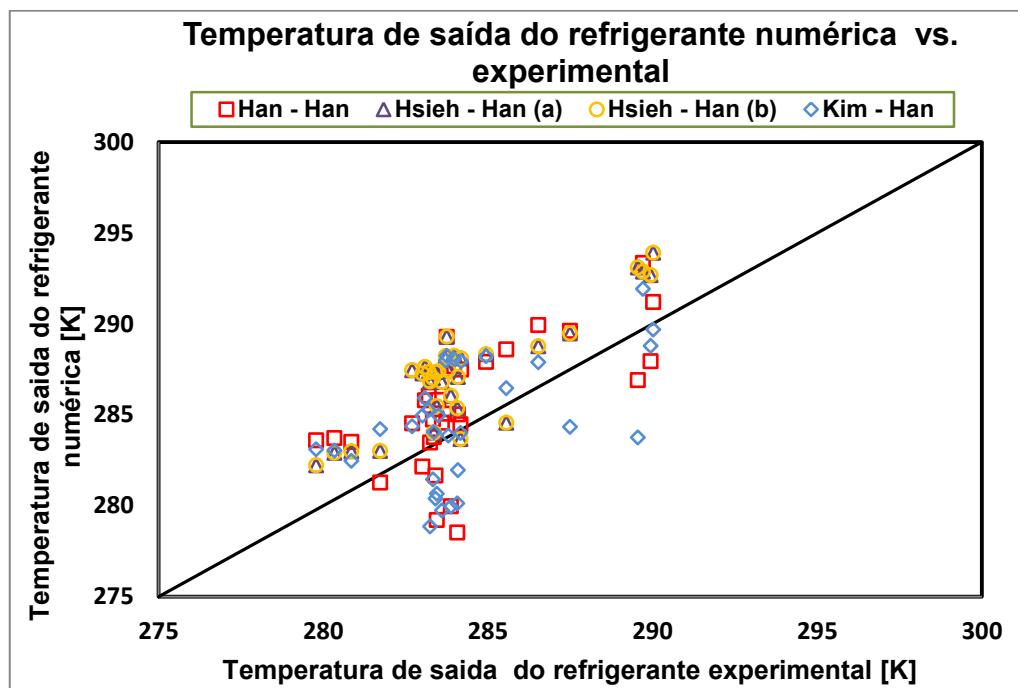
**Figura 55** Comparação das temperaturas de saída numérica e experimental do refrigerante no condensador.



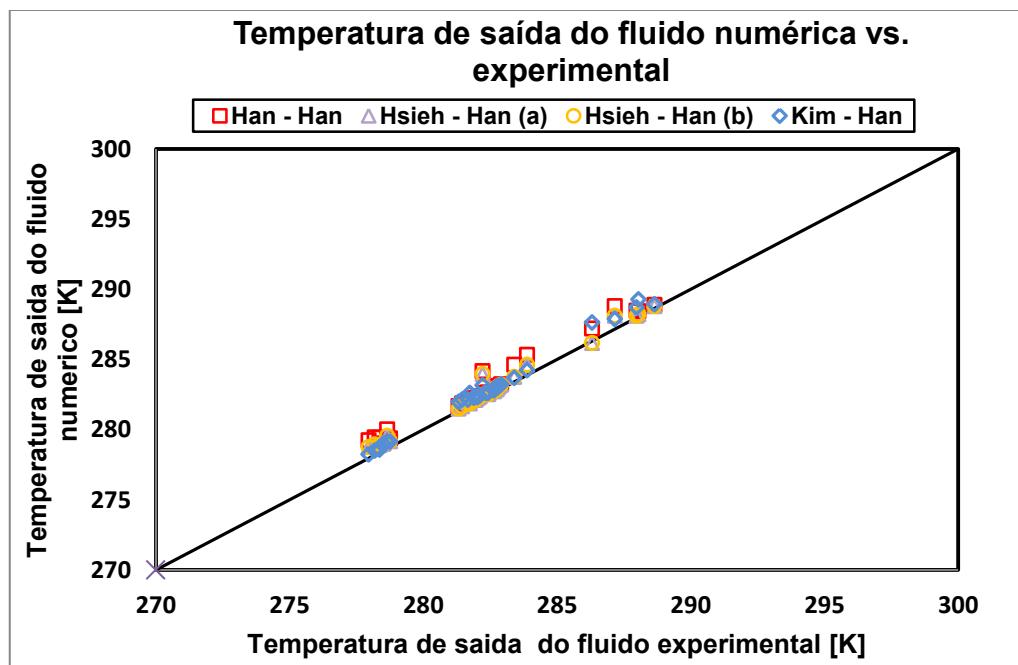
**Figura 56 Comparação das temperaturas de saída numérica e experimental do fluido secundário no evaporador**



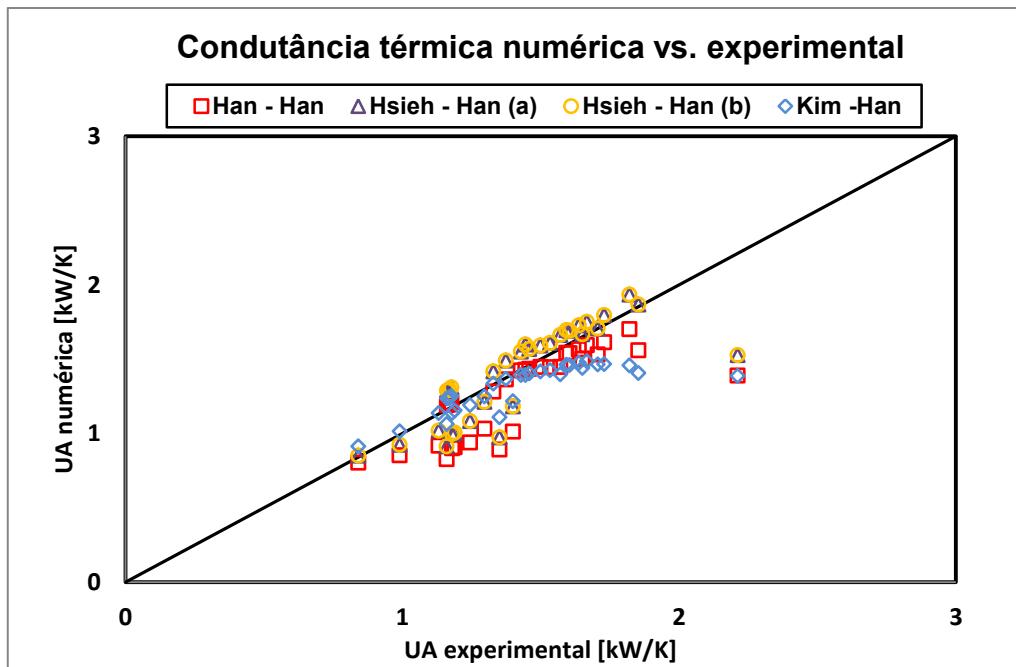
**Figura 57 Comparação das condutâncias no evaporador**

**A.4****Resultados da simulação do evaporador com o refrigerante R290**

**Figura 58 Comparação das temperaturas de saída numérica e experimental do refrigerante.**



**Figura 59 Comparação das temperaturas de saída numérica e experimental do fluido secundário.**



**Figura 60 Comparação das condutâncias numérica e experimental no evaporador.**