



Research on Design, Simulation, and Evaluation of Energy Saving in Heat Exchangers

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Message from the Guest Editors

Dear Colleagues,

Heat exchangers have been widely used in several industries, such as those related to chemicals, petroleum refining, and power generation. The types, dimensions, and geometries of tubes and baffles, as well as the fluid properties within the heat exchanger, have a critical influence on the performance and energy savings of the heat exchangers. The design and simulation of heat exchangers using various tools (e.g., ANSYS and Aspen) may assist in the development of novel and efficient heat exchangers by considering the heat transfer coefficients, heat load, material of construction, and its dimensions. For this Special Issue, we invite scholars, engineers, and scientists to submit manuscripts related to the “Research on Design, Simulation, and Evaluation of Energy Saving in Heat Exchangers”.





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