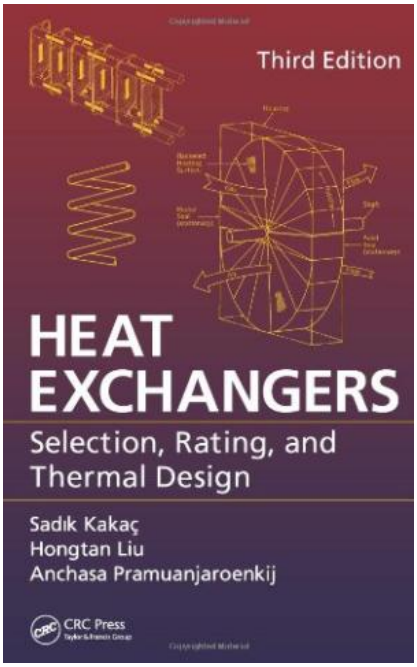

Heat Exchangers: Selection, Rating, and Thermal Design (Hardback)

By Sadik Kakaç, Hongtan Liu, Anchasa Pramuanjaroenkij

Taylor Francis Inc, United States, 2012. Hardback. Book Condition: New. 3rd Revised edition. 229 x 155 mm. Language: English . Brand New Book. Heat exchangers are essential in a wide range of engineering applications, including power plants, automobiles, airplanes, process and chemical industries, and heating, air conditioning and refrigeration systems. Revised and updated with new problem sets and examples, Heat Exchangers: Selection, Rating, and Thermal Design, Third Edition presents a systematic treatment of the various types of heat exchangers, focusing on selection, thermal-hydraulic design, and rating. Topics discussed include: * Classification of heat exchangers according to different criteria * Basic design methods for sizing and rating of heat exchangers * Single-phase forced convection correlations in channels * Pressure drop and pumping power for heat exchangers and their piping circuit * Design solutions for heat exchangers subject to fouling * Double-pipe heat exchanger design methods * Correlations for the design of two-phase flow heat exchangers * Thermal design methods and processes for shell-and-tube, compact, and gasketed-plate heat exchangers * Thermal design of condensers and evaporators This third edition contains two new chapters. Micro/Nano Heat Transfer explores the thermal design fundamentals for microscale heat exchangers and the enhancement heat transfer for applications...

Reviews

Very useful to all of category of people. I actually have read through and that i am sure that i will likely to go through once more again in the foreseeable future. I realized this book from my i and dad advised this publication to find out.
-- ***Alta Kirlin***

This is the very best publication i have got read until now. It is definitely simplified but shocks within the fifty percent of the pdf. You may like how the article writer create this pdf.
-- ***Rosario Durgan***