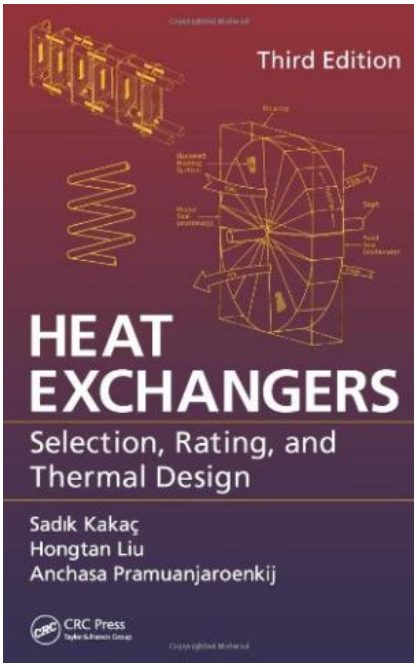

DOWNLOAD

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...

READ ONLINE

Reviews

An incredibly amazing ebook with perfect and lucid answers. It is writter in basic terms and never difficult to understand. Its been written in an exceptionally basic way and it is only right after i finished reading this ebook in which in fact modified me, affect the way i really believe.

-- ***Beverly Hoppe***

Extremely helpful for all class of individuals. Better then never, though i am quite late in start reading this one. I realized this publication from my i and dad suggested this ebook to discover.

-- ***Adela Schroeder II***