

JSRAE Thermodynamic Tables, Vol.1, “HFCs and HCFCs”, Ver. 2.0

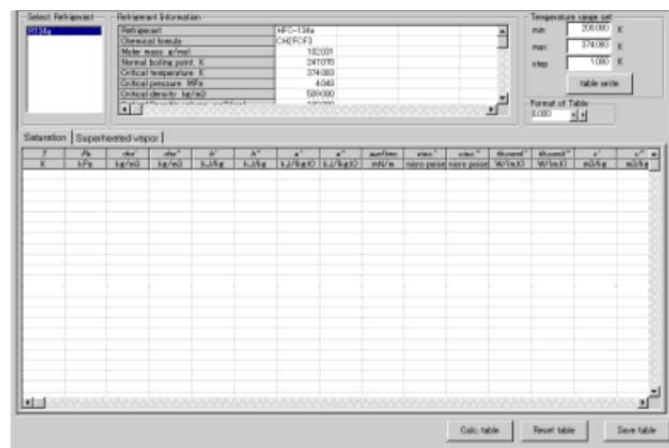
Edited by JSRAE Refrigerant Properties Subcommittee

Features of this book

- Up-to-date information data and equations of important refrigerant thermophysical properties are collected all such as R 23, R 32, R 123, R 124, R 125, R 134a, R 141b, R 142b ,R 143a, R152a, R 225ca, R 225cb.
- Among the groups of actually measured data, the most reliable data are evaluated and shown in the figures which compares these data with selected correlation equations so that users of this book will easily evaluate reliability of the groups of actually measured data and the correlation equations. That is the world's first trial.
- Easy comment of calculation method for each refrigerant thermal properties.
- Many references are included.
- An attached CD-ROM is a JSRAE Software for Microsoft Windows which consists of major information presented in this volume, as well as a software and its manual which can be used to calculate saturated thermophysical property values and thermodynamic property values for superheated vapor at specified condition.
- For experts in data processing, original source code is included.

Contents of this book

- Basic constants, General characteristics, References and Saturated vapor tables.
- For calculation of each refrigerant thermophysical properties, equations and their source codes such as specific heat of ideal gas, saturated vapor pressure, density and surface tension of saturated liquid are presented.
- Correlation equations of viscosity and thermal conductivity at the saturated conditions, virial equations to evaluate refrigerant thermal properties for gas region with higher accuracy are presented.



¥8,800 (not include postage)

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