

About the Book

This book presents the concept of solar cooling and applications of solar energy for the operation of different types of cooling systems such as:

Vapour compression (refrigeration) system

Vapour absorption system

Vapour adsorption system

Desiccant cooling system

Thermoelectric cooling systems

Alternative cooling systems

Hybrid cooling systems

Further, this book provides the technical and economics consideration for solar cooling options and finally, equips the readers with key techniques associated with various solar cooling options and their potential for real life applications.

This book will appeal to the broad readership particularly Energy Engineers viz. graduate students, engineers, and scientists working in the area of solar refrigeration systems.

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