

1. Record Nr.	UNINA9910808211003321
Autore	Dincer Ibrahim <1964->
Titolo	Refrigeration systems and applications // Ibrahim Dincer, Mehmet Kanoglu
Pubbl/distr/stampa	Chichester, West Sussex, U.K. ; ; Hoboken, N.J., : Wiley, 2010
ISBN	1-5231-2376-1 1-119-95670-6 1-282-55080-2 9786612550805 0-470-66109-7 0-470-66108-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource
Altri autori (Persone)	KanogluMehmet
Disciplina	621.5/6
Soggetti	Cold storage Frozen foods Refrigeration and refrigerating machinery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Refrigeration Systems and Applications; Contents; About the Authors; Preface; Acknowledgements; 1 General Aspects of Thermodynamics, Fluid Flow and Heat Transfer; 2 Refrigerants; 3 Refrigeration System Components; 4 Refrigeration Cycles and Systems; 5 Advanced Refrigeration Cycles and Systems; 6 Heat Pumps; 7 Heat Pipes; Appendix A - Conversion Factors; Appendix B - Thermophysical Properties; Appendix C - Food Refrigeration Data; Subject Index
Sommario/riassunto	Refrigeration Systems and Applications, 2nd edition offers a comprehensive treatise that addresses real-life technical and operational problems, enabling the reader to gain an understanding of the fundamental principles and the practical applications of refrigeration technology. New and unique analysis techniques (including exergy as a potential tool), models, correlations, procedures and applications are covered, and recent developments in the field are included - many of which are taken from the author's own research activities in this area. The book also includes so

