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Nota di contenuto	Acknowledgments; About the Author; Introduction; Chapter 1: Fundamentals of Refrigeration; Chapter 2: Refrigerants; Chapter 3: Compressors; Chapter 4: Domestic Refrigeration; Chapter 5: Absorption System for Domestic; Chapter 6: Thermoelectric Cooling; Chapter 7: Refrigeration Service Equipment and Tools; Chapter 8: Domestic Refrigeration Operation and Service; Chapter 9: Household-Cabinet Defrosting Systems; Chapter 10: Cabinet Maintenance and Repairs; Chapter 11: Household Freezers; Chapter 12: Styles of Domestic Refrigerators and Food Arrangement; Chapter 13: Installation Methods Chapter 14: Compressor Lubrication SystemChapter 15: Refrigeration Control Devices; Chapter 16: The Electrical System; Chapter 17: Commercial Refrigeration Principles; Chapter 18: Brine Systems; Chapter 19: Ice-Making Systems; Chapter 20: Supermarket and Grocery Refrigeration; Chapter 21: Locker Plants; Chapter 22: Special Refrigeration Applications; Chapter 23: Cold-Storage Practice; Chapter

24: Fans and Blowers; Chapter 25: Refrigeration Piping; Chapter 26: Commercial Absorption Systems; Chapter 27: Circulating Pumps; Chapter 28: Installation and Operation
Chapter 29: Heat Leakage through WallsChapter 30: Refrigeration Load Calculations; Appendix A: Reference Materials; Glossary; Index

Sommario/riassunto

Know how to put a chill in the airHere at last is a reference manual devoted exclusively to refrigeration, both home and commercial. Beginning with the essential physics and math, it provides a complete course in maintaining, troubleshooting, and repairing both new and vintage refrigeration systems for home and light industry. You'll find the answers you need, whether you're a student, apprentice, cost-conscious homeowner, or skilled technician.* Know how different types of refrigerants are used and how to handle them safely* Perform routine maintenance on various types of comp
