

# Study Guide Refrigeration And Air Conditioning

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in four sections for engineers servicemen shop men and users a practical treatise covering the basic principles servicing operation and repair of household refrigeration units special refrigeration machines commercial industrial plants and air conditioning systems

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in recent years the sustainability and safety of perishable foods has become a major consumer concern and refrigeration systems play an important role in the processing distribution and storage of such foods to improve the efficiency of food preservation technologies it is necessary to explore new technological and scientific advances both in materials and processes the handbook of research on advances and applications in refrigeration systems and technologies gathers state of the art research related to thermal performance and energy efficiency covering a diverse array of subjects from the challenges of surface area frost formation on evaporators to the carbon footprint of refrigerant chemicals this publication provides a broad insight into the optimization of cold supply chains and serves as an essential reference text for undergraduate students practicing engineers researchers educators and policymakers

this clear practical guide to refrigeration and air conditioning has been updated throughout it now covers the topical and important subject of alternative refrigerants and a new chapter is dedicated to the principles of air conditioning

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