

Electricity, Electronics, and wiring diagrams for HVAC/R

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Abstrak

Electricity, Electronics and Wiring Diagrams for HVACR is a complete, simple, and up-to-date guide to the essentials of electricity and electronics for technicians working in today's HVACR field. Part I gives students a firm foundation in the electrical and electronics concepts utilized in HVACR. Then, using these concepts, Part II presents a wide variety of practical circuits and systems, addressing the challenges HVACR technicians are likely to encounter most often. Building on the diagrams and solutions provided here, students will be able to address even the most complex circuits and problems they will encounter in the field. New topics in this edition include Kirchoff's Law, Vector Analysis of AC Circuits, high-efficiency ECM motors, and remote control thermostats. Designed for simplicity, this text presents clear objectives, easy-to-understand explanations, and well-focused review questions