

## CONTENTS

	Page
<b>1. Basic Electricity</b>	<b>1</b>
<b>2. Electric Circuits and Electric Meters</b>	<b>19</b>
<b>3. Components, Symbols, and Circuitry of Air - Conditioning Wiring Diagrams</b>	<b>45</b>
<b>4. Alternating Current, Power Distribution, and Voltage Systems</b>	<b>82</b>
<b>5. Installation of Heating, Cooling, and Refrigeration Systems</b>	<b>99</b>
<b>6. Basic Electric Motors</b>	<b>121</b>
<b>7. Components for Electric Motors</b>	<b>154</b>
<b>8. Contactors, Relays, and Overloads</b>	<b>175</b>
<b>9. Thermostats, Pressure Switches, and Other Electric Control Devices</b>	<b>195</b>
<b>10. Troubleshooting Electric Control Devices</b>	<b>231</b>
<b>11. Air – Conditioning Control Systems</b>	<b>246</b>
<b>12. Control Systems : Circuitry and Troubleshooting</b>	<b>271</b>
<b>13. Solid - State Controls and Systems</b>	<b>300</b>
<b>Index</b>	<b>337</b>