

Organization of This Book

Section A: The Basics

Includes Chapters 1, 2, 3, and 4. This section covers the basics of DDC, DDC controllers, and the control theory as a whole. It also covers LEED and commissioning as it relates to building automation.

Section B: DDC Networking

Includes Chapters 5, 6, 7, and 8. This section covers DDC networking web services and open system solutions such as BACnet, LonWorks, and Tridium.

Section C: Hybrid DDC Systems

Includes Chapters 9 and 10. This section covers the pneumatic and electric control portions of various DDC systems.

Section D: Control Components

Includes Chapters 11, 12, and 13. This section covers control valves and dampers, as well as sensors. Chapter 13 provides outstanding quick references in dealing with temperature, humidity, pressure sensors, and flow meters.

Section E: Practical Scenarios

Includes Chapters 14, 15, 16, and 17. This section provides practical examples for subjects reviewed in the book. This section is an outstanding reference when designing HVAC DDC systems.

Section F: Specifying DDC

Includes Chapters 18 and 19. This section reviews the construction documents and specifications as a whole and provides a useful do-it-yourself sample of HVAC DDC specifications.

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