



Modern Hydronic Heating: For Residential and Light Commercial Buildings (Go Green with Renewable Energy Resources)

By John Siegenthaler

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From simple applications to multi-load / multi-temperature systems, learn how to use the newest and most appropriate hydronic heating methods and hardware to create systems that deliver the ultimate in heating comfort, reliability, and energy efficiency. Heavily illustrated with product and installation photos, and hundreds of detailed full-color schematics, MODERN HYDRONIC HEATING, 3rd EDITION is a one-of-a-kind comprehensive reference on hydronic heating for the present and future. It transforms engineering-level design information into practical tools that can be used by technical students and heating professionals alike. This revised edition features the latest design and installation techniques for residential and light commercial hydronic systems including use of renewable energy heat sources, hydraulic separation, smart circulators, distribution efficiency, thermal accumulators, mixing methods, heat metering, and web-enabled control methods. Everyone involved in the heating trade will benefit from this preeminent resource of the North American heating industry. It is well-suited for use in a formal education course, self-study, or as an on-the-job reference.

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Editorial Review

About the Author

John Siegenthaler, P.E., is a mechanical engineering graduate of Rensselaer Polytechnic Institute, a licensed professional engineer, and Professor Emeritus of Engineering Technology at Mohawk Valley Community College. "Siggy", as he is known in the industry, has over 32 of experience in designing modern hydronic heating systems, including those using renewable energy subsystems. He is a hall-of-fame member of the Radiant Panel Association, and a presenter at national and international conferences on heating and building technology. John is principal of Appropriate Designs, a consulting engineering firm in Holland Patent, NY.

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