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Douglas W. Martin, PE

President

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EXPERTISE

Engineering and design of HVAC and plumbing systems used in commercial, industrial, manufacturing, municipal, and institutional buildings. Comfort heating and cooling applications, indoor air quality, laboratory design, process cooling, dry rooms, and humidity control.

Known for energy efficient, state of the art HVAC systems, including geothermal, air to air energy recovery, radiant floor heating, air rotation, high efficient condensing boilers, compensating hoods, and DDC controls.

EDUCATION

- // 1976 - B.S. Civil Engineering, with a minor in Mechanical Engineering, University of New Hampshire
- // 1977 - Carrier Air Conditioning School of HVAC Design
- // 1978 - Engineering Graduate Studies, Syracuse University
- // 1980 - HVAC Controls, University of Wisconsin
- // Numerous CEUs in all areas of HVAC Design

EXPERIENCE

Over 40 years in the HVAC industry, starting in 1976 with the Carrier Corporation, then in 1980 designing with Galson & Galson Consulting Engineers. In 1983, heading Munters Cargocaire application engineering and service departments, and finally in 1986 working at W.H. Demmons, Inc.

PROFESSIONAL AFFILIATIONS

- // ASHRAE member since 1978
Maine Chapter president, from 1993 - 1994 and 2007 - 2008
- // NFPA
- // Association of Energy Engineers
- // Registered Professional Engineer - New York State & Maine
- // Maine Lecturer on Geothermal and Energy Efficient Designs, since 1996



SPECIAL PROJECTS

Design and installed over 500,000 square feet of GeoThermal HVAC projects in the last 24 years.

Designed and installed WHD Geothermal Systems for:

- // Coastal Enterprise, Inc.
- // Thomas College Academic Center
- // Trinity College Student Housing
- // Norway Savings Bank
- // Goodall Library
- // Delta Ambulance
- // U.S. Custom House (Redesign)
- // Colby College Alumni Center (Redesign)

Designed and installed dry rooms and archived storage for:

- // Envirologix
- // Praxair Surface Technologies
- // L.L. Bean
- // Maine Maritime Museum
- // The Historical New Orleans Collection
- // Numerous Private Libraries

Manufacturing designs and installation for:

- // New Balance Shoes
- // L.L. Bean
- // Albany Engineered Composites
- // Florida Power & Light
- // Irwin Tools
- // Jarvis Cutting Tools

Designed and installed comfort heating and cooling systems for:

- // Lewiston District Courthouse
- // Thomas College Student Center
- // Thomas College Hinman Residence Hall
- // Trinity College Student Housing
- // Androscoggin County Courthouse
- // Bath Area YMCA
- // Coastal Enterprise
- // Animal Emergency Clinic
- // University of Southern Maine Abromson Center

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