



**Doug Martin**  
**WH Demmons, Inc.**  
**President**

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## **EXPERTISE**

Engineering and Design of HVAC and Plumbing Systems used in commercial, industrial, municipal and institutional buildings. Comfort heating & cooling applications, indoor air quality, laboratory design, 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.

## **EXPERIENCE**

Over 34 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 running the Maine Air Conditioning division.

## **SPECIAL PROJECTS**

**Designed and installed over 500,000 sq. ft. of GeoThermal HVAC projects in the last 15 years including:**

- MCI Math & Science Building
- Harbor View Block
- The Black Point Inn
- Catholic Charities Building
- Maine Audubon
- W.H. Demmons Building
- Merriconeag Waldorf School
- Maine Municipal Association
- U.S Custom House
- USM Abromson CEC Building
- Colby College Alumni Center
- York County Court House
- Saco & Biddeford Savings Institute
- Franklin Savings Bank
- Maine State Credit Union
- Norway Savings Bank

**Designed and installed laboratories, clean rooms, and dry rooms for:**

- Casco Standards
- Sermatech
- Envirologix
- Binax
- Harvard University
- Cornell
- University of Vermont

## **Designed and installed Comfort Heating and Cooling Systems for:**

- DeLorme Mapping World Headquarters
- Skowhegan National Guard
- Sappi World Headquarters
- Waldo County YMCA
- Goodall Hospital Medical Office Building
- St. Josephs College, Carmel Hall (93 Bed Dormitory and Health & Wellness Center)
- Thomas College Athletic Center
- Thomas College Townhouses (84 Beds)

and many other projects.

## **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 - HVACControls, University of Wisconsin
- Numerous CEUs in all areas of HVAC Design

## **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
  - Eastern Maine Technical College with Bangor Hydro
  - 1996 - Univ. Southern Maine - Gorham Campus with the Maine Energy and Technology Expo
  - 2002 - Colby College - Geology Department
  - 2004 - Univ. Southern Maine - Portland Campus with NNECERAPPA
  - 2005 - Univ. Southern Maine - Spring Energy Conference