



## ABOUT

Controlled Air, was founded in 1980, as a family-owned and operated heating, ventilation, air conditioning and temperature controls company with 108 employees. We continue to be at the forefront of technology, bringing sophisticated and energy efficient solutions to the challenges of today's complex applications. On October 3, 2022, Yanmar America acquired Controlled Air, Inc. to create a North American center for engineering excellence and service solutions becoming part of their Energy Systems Company.

In partnership with Yanmar, Controlled Air will continue as a leader in creating environmentally sound, energy-efficient HVAC designs that save money for our customers and promotes the conservation of energy. Controlled Air maintains all the same products and solutions with the addition of Yanmar Energy System product line. Our team remains comprised of skilled professionals each highly trained in specific areas of technology, such as HVAC, engineering, cogeneration, electric, ground water heat sources and energy efficient lighting with Vin and Mike Chiochio as part of our top management team. We hold Connecticut State License's # CT S1 302788, MEC 0001131, SM1 0003954, E1 0121932 as well as Rhode Island Refrigeration/Master 1 & Piping/Master1 00007776.

We are sponsoring members of the Connecticut Green Building Council; the local chapter of the U.S. Green Building Council, a non-profit 501(c)3 organization that seeks to improve the quality of life in Connecticut through the promotion of intelligently designed and constructed high performance energy efficient buildings. We also provide all the needed support to obtain accreditation for a building by the Leadership in Energy and Environmental Design (LEED) Green Building Rating System. LEED is a voluntary consensus-based national rating system for developing high-performance, sustainable buildings. We are part of the EPA CHP Partnership. Controlled Air, Inc. is now a member of the Connecticut Commercial & Industrial Property Assessed Clean Energy (CPACE) program, which is an innovative model of financing energy efficient upgrades to a commercial building.



# VIN CHIOCCHIO

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Vin Chiocchio, has been in the heating and air conditioning business for over 45 years and is LEED AP accredited. He is one of the original founders of the company and he currently holds the title of Controlled Air/Yanmar, President of Energy Systems, North America.

Vin regularly performs energy audits and energy modeling for Controlled Air, Inc.'s customers. He begins with a thorough walk through, which allows for an initial audit and feasibility study.

His personal involvement and "hands on" approach in the design and installation of any project, large or small, has been an integral part in the success of Controlled Air, Inc and our continued advancement in environmental technologies.

Vin designed and installed one of the first "Ice Storage" systems in Connecticut and has been involved in installation and design of multiple geothermal heat pump

and cogeneration systems. He is a strong believer in energy efficiency and looks for the most environmental and cost effective HVAC systems for all of his customers.

Vin is also an expert with the International Mechanical Code Book and is often asked to consult with building officials. He has designed and installed multi-million dollar projects, some of which were in excess of 1000-ton cooling capacity and 28,000 MBH heating capacity.

*Controlled Air Inc. educates their customers about newest technologies in geothermal, photovoltaic, wind, fuel cells, thermal storage, and cogeneration.*



## ENERGY MANAGEMENT

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We can help you maximize energy dollars through an advanced energy management system, which can automatically control and monitor heating, ventilation and lighting needs of a building or group of buildings. The computerized tools are programmed to your specifications to achieve better energy efficiency and optimize the performance of your system. Energy Management Systems can also read electric, gas and water meters. What makes EMS even better is the ability to have remote diagnostic capabilities. We can pinpoint system irregularities remotely and allow for adjustments through computer access and automatic notification systems. We can often correct the issue before you are aware of a problem. Superior engineering combined with the most advanced technology and products allows us to find solutions to your unique building system.

# ENERGY EFFICIENCY

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To maximize incentives for HVAC, controls, and lighting, we review buildings for all potential upgrades. We then conduct a full energy study and find the best possible rebates and incentives to help pay for them.

Controlled Air, Inc. uses Carrier's Hourly Analysis Program (HAP); a DOE tested and approved whole building energy simulation software recognized by ASRHAE, the utility companies, and the state and federal authorities as an accepted method for comparing energy saving measures. The HAP program helps create a building baseline that is used for evaluation against energy saving measures.

We can create multiple simulations for comparison to give you the most energy efficient equipment and potential savings. This allows for a determination of ROI and can be submitted for tax, rebate, and incentive purposes.

*Our team is comprised of skilled professionals, highly trained in specific areas of technology, such as HVAC, engineering, CHP, electrical, plumbing, sheet metal & ground water heat sources.*

## TYPES OF BUSINESS

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- 797/800 Pharmacies
- Cell Tower Upgrades
- Chemical Laboratories
- Cleanrooms
- Environmental Chambers
- Health Clubs
- Hospitals
- Manufacturing or Industrial
- Medical Laboratories
- Municipal Buildings
- Museums
- Office Buildings
- Pharmaceutical Companies
- Public Schools
- Restaurants
- Surgical Centers
- Universities or Colleges



## OUR SPECIALTIES

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Controlled Air, Inc. has experience in a wide range of technologies and systems. Below is just a partial list of our capabilities.

- Boilers
- Building Controls
- Chillers
- Cleanrooms
- Cogeneration
- Compressors
- Design Build HVAC Systems
- Environmental Chambers
- Geothermal Systems
- Lighting
- Microgrid
- Microturbine
- Natural Gas Conversion
- Plan & Spec HVAC
- Process Heating, Cooling and Humidity Control
- Roof Top Unit Change Outs
- Thermal Storage
- VRF: Variable Refrigerant Flow
- VFD: Variable Frequency Drive



# CULTURE OF SAFETY

The Controlled Air Team takes safety seriously and we integrate it into everything we do. All of our technicians participate in regular and thorough safety training. We are a leader for workplace safety performance. This means that you do not have to worry about our technicians and installers when we are working on your building.

## SERVICE & MAINTENANCE

We are available 24 hours a day, 7 days a week for service and emergencies. Our fleet of more than 50 GPS equipped service vans are ready to roll any time of day or night through our computerized dispatch system. When our GPS-dispatched technicians are on-site they enter all service documentation via laptop. Our computerized system can help pinpoint system irregularities.

We offer three types of service contracts: Planned Maintenance, Labor Maintenance and Full Maintenance. Each contract is customized to your building and equipment.

During your scheduled maintenance a thorough inspection and appropriate equipment is maintained. The regular maintenance not only extends the life of your equipment, but also allows us to find problems before they occur. If any problems are found that are not on your maintenance list we will talk to you about those issues and make suggestions on repairs. Our service philosophy insures extended life and maximum efficiency of your equipment. Our “Best in Class” service ensures the continued high performance and energy efficiency of these systems for years to come.



## EXAMPLE PROJECTS

**Elm City Bioscience Center, New Haven CT**– Major renovation to the 113,620 sq ft bioscience building including Yanmar GHP.

**Naugatuck High School, Naugatuck, CT** – Controlled Air Inc. worked with Advanced Energy Efficiencies to develop a cogeneration installation that will provide 140 kW of electrical power and 820,000 Btus of hot water supply.

**Bridgeport Microgrid, Bridgeport, CT** - The Microgrid is a combination of CHP system and electrical power network designed to provide continuous power even in times of natural disasters or when the main electrical grid fails. It was built with 100% redundancy and with the potential for reducing environmental impact and long term energy costs.

See more at: <https://www.controlledair.com/showcase>

## OUR GUARANTEE

We guarantee all of our work including installation, design and service. If the job is not done to your satisfaction or if a problem is discovered that is due to our error, we will make the necessary corrections and/or repairs at no cost to you. Should you ever have a question about an installation, service or invoice, we are always available. Our goal is to ensure that your experience with Controlled Air, Inc. meets to your complete satisfaction on every level.

*To find out more about Controlled Air, Inc.  
visit our website [controlledair.com](http://controlledair.com) or call 203-481-3531*