

Apartment Savings

The Superior Choice for Multi-family Structures

*Lower Electric Bills
No Seasonal Maintenance*

INFRARED RADIANT HEAT IS GREEN



• Green Builder Advantageous • Planet Friendly
• No Emissions • Works With Wind, Solar & Hydro

OLD CONVECTIVE HEATING				
RESIDENCES	UNITS PER RESIDENCE	KWH/YEAR	KWH UNIT AVERAGE	TOTALS
Tobin Towers Quincy Housing Authority 85 Clay St., Quincy, MA	200	3,399,500	16,998	Convective Heating 517 Residences 7,445,600 KWH 14,401 KWH Average per Residence
Marlboro Housing Authority Main & Newton Streets Marlboro, MA	125	1,674,300	13,395	
Northampton Housing Authority Gonz St., Northampton, MA	192	2,371,800	12,353	

NEW CERAMICIRCUIT HEATING				
RESIDENCES	UNITS PER RESIDENCE	KWH/YEAR	KWH UNIT AVERAGE	TOTALS
Ocean View Quincy Housing Authority 73 Bicknell St., Quincy, MA	275	3,062,250	11,135	Ceramicircuit™ Heaters 590 Residences 6,429,750 KWH 10,898 KWH Average per Residence
Pagnano Tower Quincy Housing Authority 109 Curtis Ave., Quincy, MA	165	1,725,000	10,455	
Sawyer Tower Quincy Housing Authority 95 Martensen St., Quincy, MA	150	1,642,500	10,950	

*One bedroom units average size of 480 sq. ft. Savings based on current Con Edison rate of \$0.1673 per KWH as of 10/2009

*3,503 KWH saved per unit
in one heating season*

*\$586.00 average single unit
savings in one heating season*

*\$345,740 TOTAL savings on
590 units in one heating season*

Key Benefits of Radiant Electric Heating

- Save up to 73% in energy costs over other traditional heating methods.
- Simple low cost installation.
- Comfortable at lower thermostat settings; heats people first then the air.
- Room by room zone control provides economical comfort only where you need it.
- Works great with setback thermostats; rapid recovery times raise temperatures into your comfort zone in minutes not hours.
- Reduce carbon emissions; most of all when replacing direct-fired gas heating units in industrial, warehouse and garage applications.
- No future maintenance expense, no service requirements, no filters to replace and no inspections.
- Reliable – Many of our panels are still providing comfort after 62 years of service.
- Extremely clean with zero emissions; no danger of asphyxiation and perfect for those with allergies and/or chemical sensitivities.
- Low operating temperature eliminates the risk of fires.
- Perfect for new construction, remodeling, additions, basement recreation rooms, garages and workshops.
- Suitable for residential, commercial, medical and industrial applications.
- Radiant Electric Heat produces its infrared radiant panels in a state of the art, low-impact, environmentally clean manufacturing facility.

Riveredge Country Club - Marshfield, WI

Riveredge Country Club is a 6,400 Sq.Ft restaurant, bar and banquet facility that was heated with a propane fired*, ducted, forced air heating system and converted to CeramiCircuit™ Radiant Electric Heat Model 945 and 1445 Cove Panels.



Installation Details and Customer Savings

- (40) 945C 1,000 Watt Units
- (7) 1445C 1,500 Watt Units
- Installed at 7.89 Watts per square foot
- \$96.77 Average Energy Cost Per Day With Old Forced Air System
- \$25.81 Average Energy Cost Per Day With New CeramiCircuit Radiant Electric Heating System
- \$10,644 SAVINGS Per Heating Season

**NOTE: If the original heating system was a natural gas fired furnace, the seasonal savings with the REH cove heaters would have been \$7,294.*



CeramiCircuit™ and Hot Yoga

When you are in a traditional Hot Yoga studio or Sauna, you are in a room with very hot, circulating air. When in a studio heated by a CeramiCircuit infrared heating system, the infrared heat penetrates and warms your body, eliminating the scorching, drying effect of moving air which is inherent in all convective heating systems. This warming effect on your body stimulates your cardiovascular system. It is no surprise that Yoga studios all over the country are turning to Radiant Electric Heat CeramiCircuit Infrared Heating Systems to safely, efficiently and cost effectively heat up their sessions.

Benefits of Hot Yoga using CeramicCircuit Infrared Heat

- Achieve and maintain high temperatures at a fraction of the cost of other HVAC systems.
- Burns hundreds of calories.
- Strengthens the cardiovascular system.
- Eases joint pain and stiffness while relaxing muscles and increasing flexibility.¹

¹SM Fortney, and NB Vroman, "Exercise, performance and temperature control: temperature regulation during exercise and implications for sports performance and training." (1985), <http://www.ncbi.nlm.nih.gov/pubmed/3883461> (Mar 30 2012).



Installation Examples

Arlington Housing Authority; Arlington, MA
Ashtabula Housing Authority; Ashtabula, OH
Bridgewater Housing Authority; Bridgewater, MA
Burlington Housing Authority; Burlington, MA
Center for Disability Services; Albany, NY
Cuyahoga Metropolitan Housing Authority; Cleveland, OH
Cytonet; Durham, NC
Department of Corrections; Trenton, NJ
First Evangelical Lutheran Church; Grand Rapids, MN
Flowers Essence Services; Nevada City, CA
Hampton Hotels; Horseheads, NY
Harbor Athletics; Madison, WI
Harvard University
Hot Yoga Helena; Helena, MT
Housing Authority of Elizabethtown; Elizabethtown, KY
Jersey Shore University Medical Center
King Country Housing Authority; Seattle, WA
Lighthouse Baptist Church; Holbrook, MA
Love Tabernacle; Milwaukee, WI
Mad Mex; Pittsburgh, PA
Main Street Houses; South Fallsburg, NY
Montana State University
National Park Service
New London Housing Authority; New London, CT
Nordstrom; Irvine, CA
Osthoff House; Elkhart Lake, WI
Pennsylvania Trolley Museum; Washington, PA
Pizzas by Marchelloni; Fairbury, IL
Plum Healthcare Group; San Marcos, CA
Red Root Hot Yoga; Davenport, IA
Riveredge Country Club; Marshfield, WI
San Francisco Airport Commission; San Francisco, CA
St Joseph Church; Providence, RI
Stanford University
State University of New York
Studio Bikram Walnut Creek; Piedmont, CA
Sunoco Refining Supply; Philadelphia, PA
Taylor Design Healthy Homes; Townshend, VT
The Athletic Club; Guelph, ON
TJC and Associates, Inc; Oakland, CA
University of Alaska – Fairbanks
University of California – San Diego, - Riverside, - Berkeley
University of Ohio – Miami
University of Rhode Island
US Geological Survey
Valley View Nursing Home; Frenchtown, NJ
Vernon Housing Authority; Vernon, CT
Waterfront Restaurant; San Francisco, CA
Westerly Housing Authority; Westerly, RI
Weston Community Housing; Weston, MA
Wisconsin Stamping; Germantown, WI
YMCA; Metuchen, NJ



Cove Installation
TJC and Associates, Inc; Oakland, CA



Wisconsin Stamping, Germantown, WI