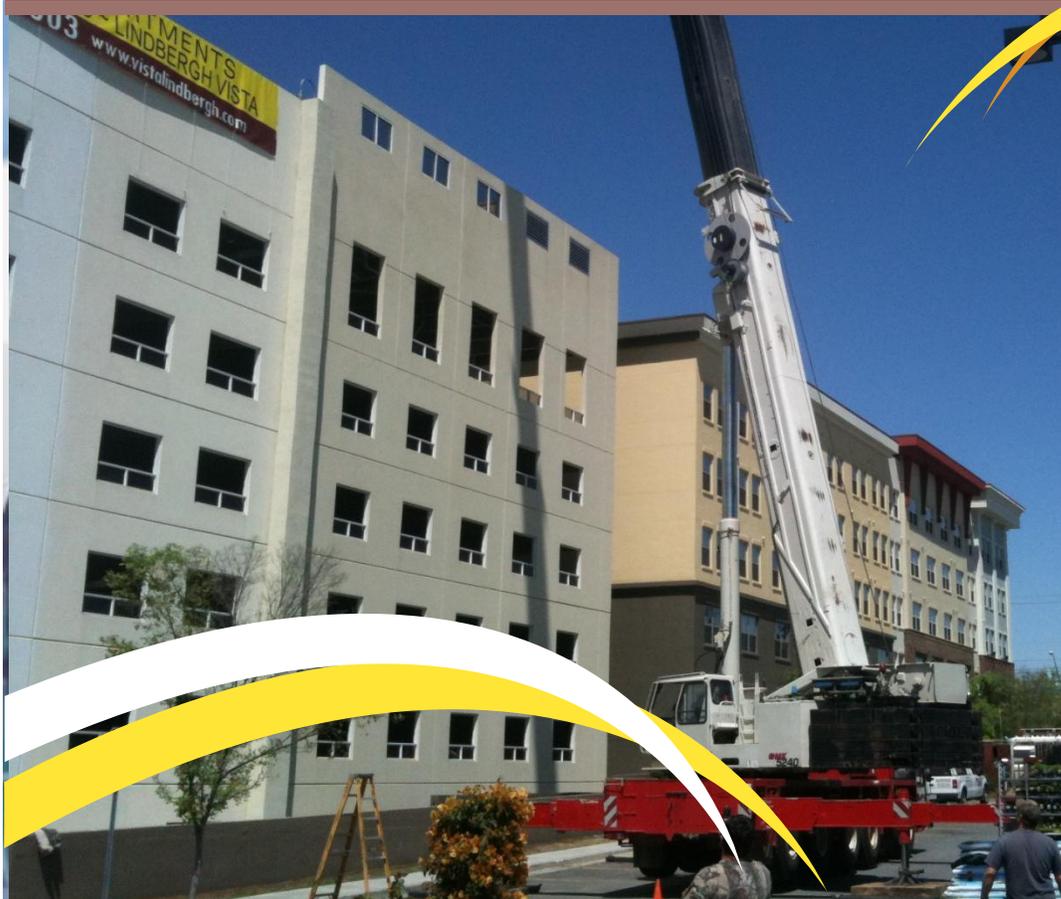


# All Systems Inc

Summer 2010

Commercial Newsletter



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## Energy Efficient Products for Commercial Use

### Chillers - High Efficiency

- Electric water-cooled chillers, used to provide air conditioning for larger commercial buildings, have made very impressive efficiency gains over the last 25 years. Even with the phase out of CFC refrigerants, manufacturers have been able to produce machines that are more efficient than units built a few years ago. In the September 1997 issue of the ASHRAE Journal, a table showed the dramatic gains in efficiency at peak loading conditions:
- Another way to look at the table is to look at the Coefficient of Performance (COP) values. For the 1998 vintage chiller, the average peak load COP is 6.06, and the best peak load COP is 7.32, as compared to gas-fired systems having peak load COP's in the 0.7 to 1.1 range. New machines use HCFC or HFC refrigerants, which reduce potential damage to the ozone layer by 98–100 percent.

### About Us:

All Systems, Inc. is a family owned and operated business that was established in 1976 and incorporated in 1980 by the owners of our company, Tom Crawford and Tommy Johnson. Both hold unrestricted HVAC licenses, and continue to run the company with the same devotion and loyalty to their customers as the day they opened the doors.

### Why Choose Us?

All Systems' pledge to our customers continues to be that of unparalleled customer service, while providing premium services at fair prices. Our philosophy and goal has always been to establish a long term, trusting relationship with our customers, by giving them continued quality work at prices they can afford AND that are not overinflated. Our Service Technicians are not paid commission which eliminates the replacement and repairs so many HVAC companies charge and that are not necessary. With All Systems, you can feel safe and protected, as we are bonded and fully insured.

# Summer Air Conditioning Tips for your Office

Commercial air conditioners are expensive assets. The knowledge to ensure that your commercial air conditioner lasts longer is valuable. This will help make it so that you don't need to buy as many a/c units over the course of your lifetime. This info can save you money in more ways than that, because if an air conditioner is not properly taken care, it will lose efficiency, which will cost you money. There are many minor things one can do to get more life out of large appliances. Most of them don't take very time. When considering whether or not it's worth the extra effort needed to follow these steps, remember how much money large appliances cost, and remember how your employees probably don't enjoy working in 100 degree weather.

A few steps one can take to add a longer to life a commercial air conditioner:

1. **Keep the filter clean.** Most commercial air conditioners have filters with a plastic frame. (If your filter does not have a hard frame it is a disposable filter that can be replaced at a low cost. Do not try to clean a disposable filter.) You can only clean a commercial filter once: simply by taking it out, scrubbing all the dust off of it, and inserting it back to position. \* note: it is wise to turn the filter around when you place it back into position so that you're using the opposite side.

2. **Change your thermostat in small increments.** If it is 100 degrees outside do not put the thermostat on 50. That's forcing the unit to work as hard as it possibly can. Simply by making sure the unit doesn't over work itself you can save yourself a great deal of money.
3. **The best way to make your unit last longer is avoidance.** Only use your air condition on hot days. Try to avoid setting the temperature lower than 78. If it is a reasonable day simply try opening a window or two. Don't let yourself sink into the mindset of always relying on your appliances. If you really want your air condition to last longer, simply respect it and try not to over use it.



## Commercial Heating & Air

PREVENTIVE MAINTENANCE

EMERGENCY REPAIR 24/7

TENANT FINISH

COMPUTER ROOM

ENVIRONMENTAL CONTROL

CLEAN ROOMS & SPOT COOLERS

GEO THERMAL UNITS

COMMERCIAL KITCHEN HOODS

COMMERCIAL AND INDUSTRIAL  
INSTALLATION

ROOF TOP PACKAGED UNITS

WATER SOURCE HEAT PUMPS

AIR COOLED CHILLERS

SPLIT SYSTEMS

WALL HUNG UNITS

PTACS - VAV'S - PIU'S

WELDED DUCT & SPIRAL DUCT



## GeoExchange Systems

- GeoExchange heating and cooling systems (also known as "ground source heat pumps" or "geothermal heat pumps") use the constant temperature of the earth to provide heating comfort in the winter and cooling in the summer time. Along with their higher level of comfort, they provide the highest levels of efficiency for heating and cooling. In fact, the U.S. Environmental Protection Agency performed a study and concluded that GeoExchange systems provided the lowest operating costs and best environmental performance, even when compared to advanced fossil fuel systems.
- Studies have shown that GeoExchange systems can save commercial facilities from 30–70 percent on their heating bills, and from 20–50 percent on their cooling bills, compared to standard heating and cooling systems.
- There are now a large number of commercial facilities, such as schools, hotels, college campuses, and office buildings that have experience with the use of these systems, along with builders that are experienced with the installation of such systems.
- Some sample Web sites for products are shown below.
  - [GeoExchange Information Center Information for Businesses](#)
  - [Climate Master Product Information](#)
  - [WaterFurnace International Information on Geothermal Technology](#)

## All Systems Inc

North Georgia's premier heating and air conditioning company. From repairs to service, All Systems Inc. is here for all your HVAC needs!

## Resource Links:

[Carrier](#)

[Lennox](#)

[Captive Aire](#)

[York](#)

[Water Furnace](#)

[Trane](#)

[Liebert](#)

## All Systems Inc

### We service the following counties:

Banks, Barrow, Bartow, Chattahoochee, Chattooga, Cherokee, Clarke, Cobb, Coweta, Dawson, DeKalb, Douglas, Fayette, Floyd, Forsyth, Franklin, Fulton, Greene, Gwinnett, Habersham, Hall, Hancock, Jackson, Jasper, Lincoln, Lumpkin, McDuffie, Monroe, Morgan, Newton, Oconee, Pickens, Polk, Putnam, Rockdale, Spalding

**Use this coupon for  
\$20 off your service call.**

**Limit one per customer per year**



## Valuable Coupons

See our website for more valuable coupons or call today: 770.886.9903

[www.asihvac.net](http://www.asihvac.net)

## Valuable Savings for your Business!

**\$20.00 off your service call with a preventative maintenance contract!!!**

Our preventative maintenance contract ensures your business will be protected year round! Also, Air Conditioning Systems and Heating Units need periodic inspection and service (annually) to keep them operating efficiently and safely. It will cost a few dollars to have your unit checked by a qualified HVAC technician, however proper servicing is essential to good service, as well as safe operation, and it may even save the lives of you and your business. Feel free to call us today if we can be of any service at this time! **770.886.9903**

**All Systems Inc.**

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