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HEAT & COOL





Ductless, Mini-Split Heat Pumps

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Ductless, mini-split-system heat pumps (mini splits) make good retrofit add-ons to houses with "non-ducted" heating systems, such as hydronic (hot water heat), radiant panels, and space heaters (wood, kerosene, propane). They can also be a good choice for room additions where extending or installing distribution ductwork is not feasible, and very efficient new homes that require only a small space conditioning system. Be sure to choose an ENERGY STAR® compliant unit and hire an installer familiar with the product and its installation.

Like standard air-source heat pumps, mini splits have two main components -- an outdoor compressor/condenser and an indoor air-handling unit. A conduit, which houses the power cable, refrigerant tubing, suction tubing, and a condensate drain, links the outdoor and indoor units.

Advantages

The main advantages of mini splits are their small size and flexibility for zoning or heating and cooling individual rooms. Many models can have as many as four indoor air-handling units (for four zones or rooms) connected to one outdoor unit. The number depends on how much heating or cooling is required for the building or each zone (which in turn is affected by how well the building is insulated and air sealed). Each of the zones has its own thermostat, so you only need to condition occupied spaces. This will save energy and money.

Ductless mini-split systems are easier to install than some other types of space conditioning systems. For example, the hook-up between the outdoor and indoor units generally requires only a three-inch hole through a wall for the conduit. Most manufacturers of this type of system can provide a variety of lengths of connecting conduits, and, if necessary, you can locate the outdoor unit as far away as 50 feet from the indoor evaporator. This makes it possible to cool rooms on the front side of a house, but locate the compressor in a more advantageous or inconspicuous place on the outside of the building.

Mini splits have no ducts, so they avoid the energy losses associated with the ductwork of central forced air systems. Duct losses can account for more than 30% of energy consumption for space conditioning, especially if the ducts are in an unconditioned space such as an attic.

In comparison to other add-on systems, mini splits offer more interior design flexibility. The indoor air handlers can be suspended from a ceiling, mounted flush into a drop ceiling, or hung on a wall. Floor-standing models are also available. Most indoor units are about seven inches deep and have sleek, high tech-looking jackets. Many also offer a remote control to make it easier to turn the system on and off when it's positioned high on a wall or suspended from a ceiling.

Split systems can help keep your home safer, because there is only a small hole in the wall. Through-the-wall and window-mounted room air conditioners can provide easy access for intruders.

Disadvantages

The cost of installing mini splits can be higher than some systems, although lower operating costs and rebates or other financial incentives -- offered in some areas -- can help offset the initial expense.

The installer must correctly size each indoor unit and determine the best location for its installation. Oversized or incorrectly located air handlers can result in short cycling, which wastes energy and does not provide proper temperature or humidity control. Too large a system is more expensive to buy and operate.

Some people may not like the appearance of the indoor part of the system. While less obtrusive than a window room air conditioner, these units don't have the built-in look of a central system. There must also be a place to drain condensate water near the outdoor unit.

Qualified installers and service people for mini splits may not be easy to find. Check with local heating and cooling contractors to find out how common these systems are in your area and who has experience installing and servicing them.

DUCTLESS, MINI-SPLIT HEAT PUMPS **Heat Pump Systems** Learn More Air-Source Heat Pumps Learn More **Geothermal Heat Pumps** Learn More

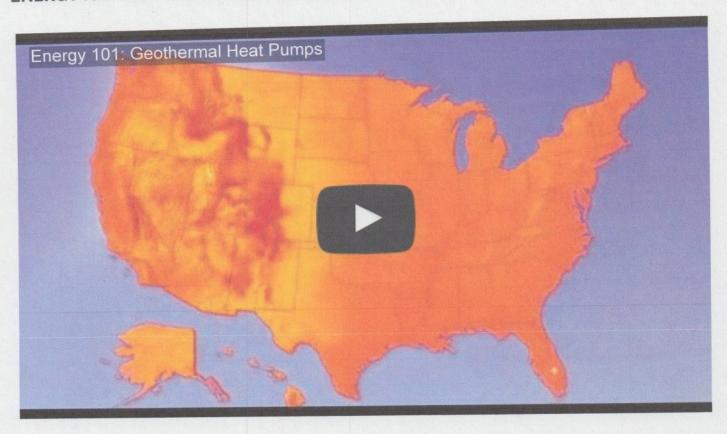
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ENERGY 101: GEOTHERMAL HEAT PUMPS



HOME HEATING 101



Energy Saver 101:

EVERYTHING YOU NEED TO KNOW ABOUT



HOME HEATING



Space heating is the largest energy expense in the average U.S. home, accounting for about 45 percent of energy bills. DID YOU NOM

57%

The most common home heating fuel is natural gas, and it's used in about 57 percent of American homes.

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Accessibility





Whether you're living in a climate that is warm year-round or enduring a summer heat wave, Carrier helps ensure that your home offers a consistently cool escape from outdoor extremes.

An Ideal Degree of Comfort

From scorching heat to stifling humidity, summer weather extremes can make the outside world rather uncomfortable. However, in your home, Carrier® cooling solutions ensure that you're never at the mercy of the weather forecast.

Indoor comfort is a product of technologies that control temperature, humidity, and air quality. Through innovations like our Infinity® system, Carrier places complete control at your fingertips, helping you maintain precise conditions – even when it's blistering outdoors.

And to create comfort that's right for everyone, Carrier technology even allows you to manage conditions independently in up to 8 zones of your home. This ensures ideal comfort for varying environments such as the kitchen, living room and bedrooms, and for the individual preferences of you and your family





At Carrier, we take a healthy approach to home comfort. That means temperature and humidity management go hand-in-hand with our Infinity system controls. And indoor air quality goes beyond filtration to killing germs. We offer air purification solutions that can kill or inactivate up to 99 percent of everything they capture – including mold, allergens, and tiny pathogens that cause the flu and common cold.

We're also committed to helping customers maintain a healthy bottom line when it comes to energy bills. Our Infinity® heat pump with Greenspeed® intelligence is one of the most efficient of its kind in heating mode with cooling that rivals our highest efficiency air conditioner. And the Infinity® Touch Control can give you energy tracking insights while it actively manages the system to ensure your ultimate comfort in the most efficient, cost-effective way possible.



And, because comfort should be felt, not heard, Carrier innovations have led to some of the quietest home comfort products available. Our outdoor units with variable-speed or 2-stage technology are designed to minimize sound.

Just as cultures and climates vary, no two homes around the world are exactly alike. That's why Carrier offers different types of air-conditioning systems to meet your needs. So whether it's an air conditioner, packaged heat pump or ductless system, you can count on the installation and service expertise of independent Carrier contractors to help you select and maintain the right solution for your ideal comfort.





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Consistent Comfort

From the coldest extremes to the warmest temperatures on earth, homes around the world are built with the outdoor climate in mind. And while your house, flat, apartment or bungalow can be designed to withstand the unpredictability of various geographic areas, the outdoor weather remains beyond your control.

However, when you are in your home, you should not have to worry about the indoor weather. That forecast should be entirely up to you.

Carrier® home heating and cooling solutions place control of temperature, humidity and air quality at your fingertips, providing the ideal level of comfort to make your living space always feel like home - regardless of season or climate.





We do not just keep you warm or cool - we keep you comfortable. Our energyefficient products can work together to maintain consistent temperature and humidity and keep air circulating from hour to hour, minute to minute, and room to room.

Engineering and innovation drive both our world-renowned heating and cooling products. Carrier's top gas furnace, the Infinity® 98 with Greenspeed® intelligence, is the quietest and most energy-efficient furnace in Carrier's history, with an Annual Fuel Utilization Efficiency of up to 98.5 percent. Carrier delivers precise comfort with reduced energy use - keeping your home comfortable and quiet while decreasing your energy costs.



And that's one of the many economical heating options that Carrier delivers to consumers. Carrier's commitment to innovation led to the development of a Hybrid Heat® dual-fuel system, which includes a heat pump and gas furnace, managed by a compatible control or thermostat. As the temperature drops outside, the system automatically switches to your second heating source, helping to keep your home comfortable in the most efficient, cost-effective way possible.

When coupled with the installation and service expertise of independent Carrier contractors, innovations like these keep customers around the world turning to the experts at Carrier.

No matter what the conditions are outside of your home, comfort is something you should not have to think about when you are indoors. That is why Carrier is trusted around the world.





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Residential Systems Commercial Systems Transport Refrigeration

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Featuring Bryant's highest efficiency performance and comfort options, the Evolution™ Extreme system heat pump can keep your home comfortable year-round.

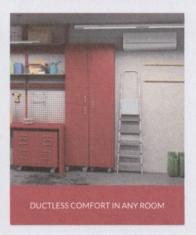














The Evolution Air Purifier features Captures & Kills™ technology designed to kill or inactivate up to 99% of pathogens or irritants in the air in your home.

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Global Heating and Cooling - HVAC Contractors Chicago

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We are proud to be an HVAC contracting and repair company that Chicago property owners can count on for high quality service for your every heating, ventilation, and air conditioning installation solutions. We carry a wide variety of high quality HVAC systems that we offer at highly affordable rates. Contact us whenever you need HVAC installation, air conditioning repair, or service for your furnace, air conditioner, or other HVAC system. Each member of our team is skilled in each service so that we can provide you with quality heating and cooling systems when you need it the most. Contact us today at our offices throughout Chicago with questions or to get a quote!



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Global Heating and Cooling is one of the top HVAC companies in Chicago. Whether you need installation or repair, we have your back. We're well versed in every aspect of heating, ventilation, and cooling. Keep your home or business well-regulated with our help! Contact us today to find out more!



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Things happen. And sometimes that is an inconvenient breaking of your furnace, air conditioner, or other HVAC device. This is often a great expense, but when you turn follobal Heating and Cooling, you will find HVAC repair Chicago can afford. If you sense something wrong, give us a



HVAC Installation Chicago

Every home should have access to quality heating and cooling. That is why we provide the highest quality, most affordable HVAC installation in Chicago. When you need an air conditioner, furnace, radiator, humidifier, dehumidifier, or any other number of devices—contact usl Global Heating and Cooling is ready to assist.

Learn more about HVAC installation, HVAC repair and other HVAC contractors services



Radiator Installation

Stay warm this Chicago winter with our radiator installation! This HVAC Chicago need is extremely common and we are able to provide it easily and at affordable rates to homeowners.



Radiator Repair Service

Radiators need repairs every so often, and we are happy to be of assistance. Allow us to fulfill this HVAC Chicago need so that you can be warm this winter.



Snow Melt System Repairs

With the heavy Chicago snows, snow melt systems can be crucial. We are skilled at providing repairs for snow melt systems, keeping the snow on your property to a



Heat Pump Sales

Heat pumps are an energy efficient alternative to your furnace. It uses electricity to operate. Ask us about the benefits of considering the alternative HVAC Chicago system for your home.

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If you are not 100% satisfied with your hvac repair or our other hvac service, we will work with you until you are.

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Local HVAC Contractor for Trusted Service

We serve all of Chicago and the greater Chicagoland area. We look forward to building a trusting business relationship with you so you can count on us for all of your future heating and cooling nearls.

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Global Heating & Cooling has been providing Chicago with high quality HVAC services for many years. And over those years, we have built credibility and trust among our clients. That is why we urge you to view our many reviews on Google+ and Yelp, with countless positive reviews from people just like you. We perform repairs on boilers, furnaces, radiators, snow melt systems, heat pumps, dehumidifiers, thermostats, air conditioners,



We can also provide installations of these systems, as well as many others! When looking for HVAC contractors in Chicago, you will find the very best at Global Heating & Cooling. Our contractors have years of experience and love to serve our customers to the best of their abilities, which is why our clients love our work so much. For HVAC installation Chicago homeowners can trust, give us a call. We'd be happy to add you to our roster of satisfied clients. Call us today with questions! We can often provide same day service, and we have a 24/7 emergency service available! Don't walt when it comes to temperature control. Join us at Global Heating & Cooling!

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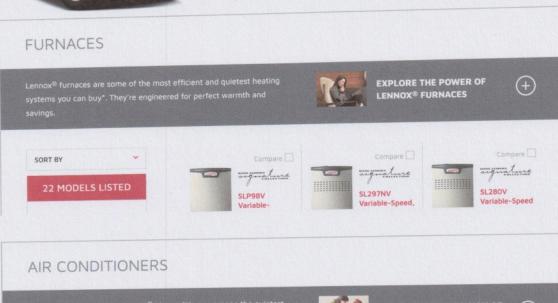


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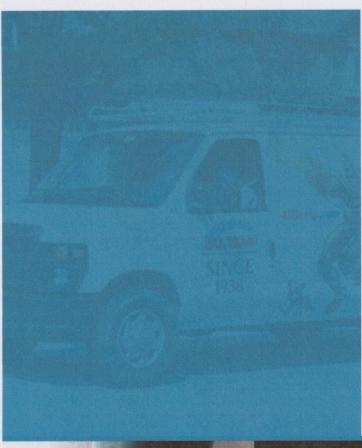
COOLING



WELCOME TO ALL TEMP HEATING & AIR CONDITIONING

Through the highest quality service and products, All Temp Heating & Air Conditioning keeps your home comfortable, no matter how extreme the Chicago area weather. Our licensed technicians specialize in the installation, maintenance, and repair of heating and cooling systems, servicing all makes and models, offering free in-home estimates, and 24-hour emergency service.





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Since 1938, All Temp Heating & Air Conditioning has continued a reputation for ethical business practices, fair pricing, and the highest level of expertise. As a Bryant Factory Authorized Dealer, we utilize Factory Authorized Parts whenever possible, promoting system efficiency and longevity. Our technicians continue factory training specific to heating and cooling technology, keeping up-to-date in the latest advancements, equipment, and features.

Our team of technicians are NATE-certified, having demonstrated core and specialty knowledge through exams recognized by the entire industry. North American Technician Excellence (NATE) is the nation's largest, non-profit certification for technicians, and provides that extra peace of mind, assuring you skilled contractors who can get the job done right.



JUST A FEW REASONS TO TRUST ALLTEMP









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TERRY G.

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Heating & Cooling Repair, Installation and Cleaning Services

Often, finding a trustworthy HVAC company can be a difficult task. Years ago, the inability to confidently name one trustworthy heating and cooling business in the Chicagoland area led to the start of our honest, reliable and professional company: Lakeview Heating and Cooling.

At Lakeview Heating and Cooling, we take pride in being a locally owned and operated HVAC company. Founded in 1998, Lakeview Heating and Cooling has provided excellent service and high quality technicians with over 25 years experience backed with elite service award from homeadvisor.com and the Better Business Bureau.

Our mission is to provide every customer with high-quality services that exceed expectations, making us the local heating and cooling company that Chicago city residents can refer to their friends and neighbors with

confidence—and without hesitation. That's why, whether you're in need of a heating repair in lakeview, an air conditioning replacement in Wrigleyville, or just regular seasonal maintenance in Bucktown, our company will work tirelessly to provide you with industry-leading HVAC services for complete home comfort through every season and at anytime.





Furnaces

We service and repair all major brands. We proudly install new Rheem furnaces.



UI VIUUU

Air Conditioning

For more than two decades Chicagoland has trusted us for service and repair on all brands. Further, we install new state-of-the-art Rheem equipment.



Boilers

Whether you have a steam or hot water system, you can be sure we have the expertise for any maintenance or repair need you have.

Emergency Repair

Have an have an emergency repair? Whether it is boiler, air conditioner, or furnace we can fix it. Lakeview Heating and Cooling offers a 24 hour emergency repair. We have experienced technicians around the clock waiting to help you.



About

Proudly serving the Chicago land area since 1998, our comfort specialists are experts in the heating and air conditioning industry—earning 100 percent customer satisfaction in Lakeview and the surrounding communities. We provide the very best services at affordable prices because our trained and certified technicians are committed to delivering innovative heating and cooling solutions tailored to fit your home—and your budget.

From servicing an AC repair in Roscoe Village, to a heating service in Uptown, Lakeview Heating and Cooling has worked our way to being the company of choice for local homeowners. If you live in Lakeview or any of the surrounding areas, you can trust our team to help you choose the proper air conditioning or heating solution for your home, and provide you with high-quality HVAC services to meet your every need—all year long.



Honeywell









The difference

The difference between Lakeview Heating and Cooling and other home comfort companies is that we believe in our work. Our team is dedicated to providing unrivaled support to each of our clients—leaving you with a level of comfort you can rely on from a company you trust. Our high-quality services, products and workmanship enable us to bring a consistent home comfort to your family and friends.

Your comfort should never be compromised. So, when you're in need of air conditioning, heating or indoor air quality, turn to the team that is not satisfied until you are. Lakeview Heating and Cooling makes your home comfort our priority, always.



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Okrainian Village (60612) Uptown (60613)

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