

Proposal

A1-Heating & Air Conditioning, Inc.

1449 North Brown
Minden, NE. 68959
Phone: (308-832-0251) Fax: (308-832-0406)
Kearney (308-237-4780)
Email: www.a1heating@hotmail.com



Turn to the Experts



To: Ravenna School
PO Box 8400
Ravenna, NE. 68869

Notes:
Drain pans with switch
All High & Low voltage Elect
Condensate drains

Phone: 308-452-3249

Date: 3/28/2016

We here by submit specifications and estimates for:

- 11 ea. Carrier 59TN6A120V24-22, 120,000 BTU Two-Stage Variable Speed 96% AFUE Gas Furnaces.
- 3 ea. Carrier 59TN6A100V21-22, 100,000 BTU Two-Stage Variable Speed 96% AFUE Gas Furnaces.
- 2 ea. Carrier 59TN6A080V17-14, 80,000 BTU Two-Stage Variable Speed 96% AFUE Gas Furnaces.
- 11 ea. Carrier 24ABB360A005, 5-Ton, 208/230/3ph. 13 SEER. Single-Stage PURON Air Conditioner.
- 3 ea. Carrier 24ANB748A005, 4-Ton, 208/230/1ph. 17 SEER. Two-Stage PURON Air Conditioner.
- 2 ea. Carrier 24ANB736A005, 3-Ton, 208/230/1ph. 17 SEER. Two-Stage PURON Air Conditioner.
- 11 ea. Carrier CNPHP6024ALA 5-Ton PURON Horiz. Cased N-Coil w/TXV'S
- 3 ea. Carrier CNPHP6048ALA 4-Ton PURON Horiz. Cased N-Coil w/TXV'S
- 2 ea. Carrier CNPHP6036ALA 3-Ton PURON Horiz. Cased N-Coil w/TXV'S
- 16 ea. Carrier 4" E-Z Flex filters
- 16 ea. Carrier SYSTXCCITC01-A Infinity Touch Wi-Fi Control
- 9 ea. Carrier SYSTXCC4ZC01 Infinity Damper Control Module
- 10 ea. Carrier SYSTXCCRRS01 Infinity Remote Room Sensor

Zone Damper List

- 1 ea. 12x18.
- 5 ea. 10x18.
- 6 ea. 12x16.
- 1 ea. 12x12
- 4 ea. 12" RD.
- 2 ea. 10" RD.

Total Installed: \$126,476.00

Source Gas Rebate: \$9,000.00

Deduct \$5,709.00 to Change 3 ea. 4 ton & 2 ea. 3 ton to 24ABC6, 16 SEER Single-Stage 1ph Units.

Payment to be made as follows: Accepted bid may be involved progressively on work completed every 30 days and payment must be received 15 days from invoice date. All unpaid balances will be subject to finance charges.

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specification involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.

Authorized Signature:

Note: This proposal may be withdrawn by us if not accepted within 30 days.

If proposal is accepted, please sign and return one copy to the office.

Acceptance of Proposal—The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____ **Signature:** _____ **Signature** _____



Comfort™ Series Air Conditioners



Proven, reliable comfort, up to 16.5 SEER rating



Qualifying
Models Only

24AAA6, 24ABC6, 24AAA5, 24ACC4, 24ABB3, 24ABB3**C

What You Can Expect From Carrier

Innovation, efficiency, quality: Carrier® Comfort™ Series air conditioners represent years of research and design with one goal in mind – making your family comfortable. With standard models and units designed specifically for the rigors of coastal area installations, Comfort Series air conditioners represent the Carrier quality, environmental stewardship and lasting durability that have endured for more than a century. And, to ensure maximum year-round performance, your dealer can include a new Carrier gas furnace or fan coil and thermostat, all backed by the indoor comfort experts.



Efficiency

SEER (Seasonal Energy Efficiency Ratio) ratings are like your car's MPG – the higher the number, the greater the potential for savings. Comfort™ Series air conditioners offer a range of efficiencies that start at your region's minimum SEER and reach as high as 16.5 SEER.



Durability

A galvanized steel cabinet, heavy-duty wire coil guard and baked-on powder paint provide superior protection against dings, dents and other outdoor threats. For home comfort in a coastal environment, ask about Comfort™ Series models with WeatherShield™ protection for extra-tough, longer lasting corrosion resistance to withstand the harsh sea coast air.



Environment

Carrier was the first to offer systems with Puron® refrigerant, which does not contribute to ozone depletion. Our century-plus commitment to delivering energy-saving comfort continues with our insistence on earning ENERGY STAR® designation on most of our Comfort™ Series air conditioners.



Sound

Carrier® Comfort™ Series air conditioners cool your home quietly. All models include components that help keep sound levels low, including an aerodynamic top and quiet motor mounts.

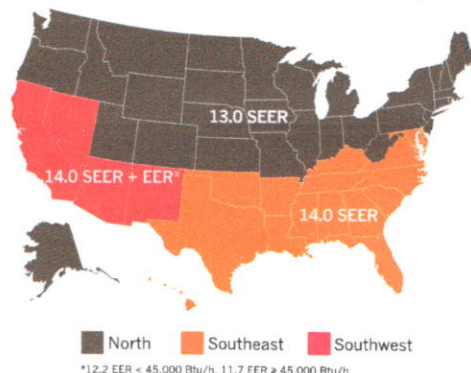


Limited Warranty

To the original owner, Carrier® Comfort™ Series air conditioners are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at carrier.com for complete details and restrictions.

Regional Efficiency Standards

On January 1, 2015, a new set of minimum efficiency standards took effect. Under the new standards, there are different efficiency minimums for air conditioners in each of three regions – North, Southeast and Southwest. Your Carrier® dealer will have a Comfort™ Series air conditioner to meet your region's minimum requirement.

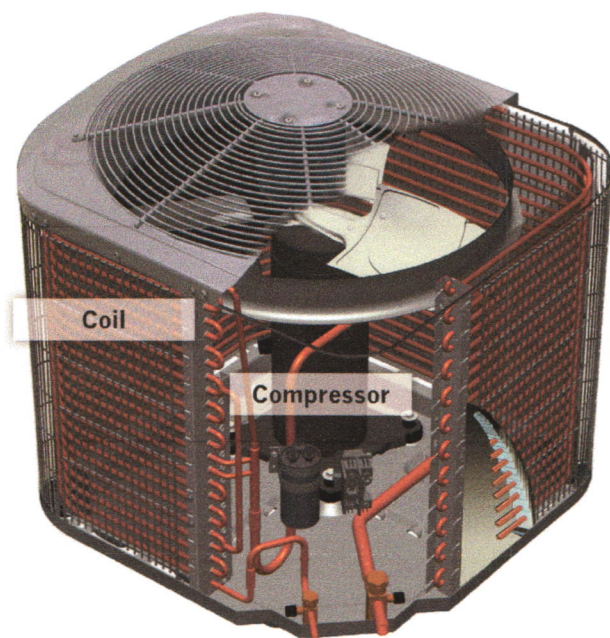


A Range of Comfort

Carrier delivers cooling systems in a range of shapes and sizes. Check out this side-by-side comparison to see how our efficient Comfort™ Series air conditioners measure up against our Infinity® and Performance™ models.

	Infinity® Series	Performance™ Series	Comfort™ Series
Performance	Variable-speed rotary, two-stage and single-stage scroll compressors available	Two-stage and single-stage scroll compressors available	Single-stage scroll compressor
Efficiency	Up to 21.0 SEER rating	Up to 17.5 SEER rating	Up to 16.5 SEER rating
Durability	WeatherArmor™ Ultra cabinet protection	WeatherArmor™ Ultra cabinet protection	WeatherArmor™ cabinet protection
Controls	Infinity® Touch Control	Côr™ Wi-Fi® Thermostat	Carrier® Wi-Fi® Thermostat
Sound	Silencer System II™, dBA as low as 56	Silencer System II™, dBA as low as 72	dBA as low as 72
Limited Warranty	10-year parts*	10-year parts*	10-year parts*

* Upon timely registration. The warranty period is five years if not registered within 90 days of installation. Wi-Fi® is a registered trademark of the Wi-Fi Alliance Corporation.



Comfort™ 16 Air Conditioner Shown

The Carrier® Difference

If you could look under the hood of a Carrier Comfort™ Series air conditioner, you'd see what drives the performance: a serious commitment to quality. Our microtube coil technology saves space and provides lasting comfort with its corrosion-resistant construction. And, our smooth-running compressor represents the solid, reliable performance you expect.

Comfort Series air conditioners are built to look their best while enduring exposure to hail, errant soccer balls, lawn equipment and more. The cabinet plays an important role in sound as well, using an aerodynamic top to facilitate airflow and keep operating sound to a minimum.

Visit carrier.com for model comparisons and product specifications.

Explore the full line of Carrier® air conditioners and other system components to find the ideal fit for your home.

24AAA6, 24ABC6, 24AAA5, 24ACC4, 24ABB3, 24ABB3**C

The Total Indoor Comfort System

Your Carrier® dealer will recommend a system that is best suited to meet your home-comfort needs and local weather environment:

1. **Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.
2. **Gas Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings.
3. **Wi-Fi® Thermostat** offers precise, programmable comfort from your web-connected device.
4. **Zoning** sets different temperatures for up to three different areas of your home for truly customized comfort and enhanced utility savings.
5. **Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants from your home.
6. **Humidifier** replenishes moisture to dry air.
7. **UV Lamp** inhibits the growth of contaminants on the evaporator coil, leaving your home with cleaner, fresher indoor air.
8. **Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality – great for today's tightly constructed home.
9. **Evaporator Coil** is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service.



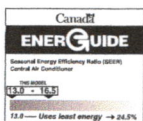
More Than a Century of Cool

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

Carrier continues to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, our nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier® dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.



As an ENERGY STAR® partner, Carrier Corporation has determined that qualifying models meet ENERGY STAR guidelines for energy efficiency. Ask your dealer for details or visit www.energystar.gov.



**Comfort
SERIES**



turn to the experts™



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carrier.com 1-800-CARRIER

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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

Infinity® 17

Air Conditioner



turn to the experts™



WeatherShield™

INFINITY® SERIES

Two-Stage Extra-Efficient Air Conditioner
Designed for Harsh Coastal Climates
with up to 17.0 SEER



LEARN MORE AT
www.gyrfan.com

Innovation and the Environment

Over 100 years ago, a humble but determined engineer solved one of mankind's most elusive challenges by controlling the indoor environment. A leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

Carrier's foresight changed the world forever and paved the way for over a century of once-impossible innovations. Yet in addition to being an accomplished inventor, he was also an avid outdoorsman. Carrier recognized the power and beauty of the natural environment. This appreciation of our world and its resources continues to guide Carrier Corporation today. We will never rest on our accomplishments, but instead consistently look for ways to improve our products, our environment and our world.

The Infinity® 17 air conditioner substantiates our commitment to your comfort, delivering environmentally sound, energy-efficient cooling in coastal areas.

Leaders in Technology

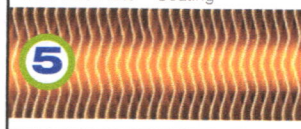


Product Life

Standard Air Conditioner Coil



Infinity® 17 Air Conditioner Coil with ArmorPlate™ Coating



Testing by Carrier® engineers has shown the Infinity 17 air conditioner's coil to last longer than a standard coil in harsh coastal conditions.



As an ENERGY STAR® partner, Carrier Corporation has determined that the Infinity® 17 air conditioner meets ENERGY STAR guidelines for energy efficiency.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your dealer for details or visit www.energystar.gov.

1 Extra-Consistent Comfort

Standard systems can mindlessly blast cooled air at one speed before shutting off, which can lead to widely fluctuating temperatures. The Infinity® 17 air conditioner with two-stage scroll compressor, when properly matched with a Carrier® compatible indoor unit, runs on low-stage up to 80% of the time to maintain consistent comfort. Two-stage operation also contributes to reduced energy usage, helping achieve up to 17.0 SEER cooling efficiency.

2 Environmentally Sound Refrigerant

Carrier led the industry by incorporating non-ozone-depleting Puron® refrigerant into air conditioners back in 1996. Millions of Puron refrigerant units in operation today are a testament to the reliability, durability and enduring quality of these products.

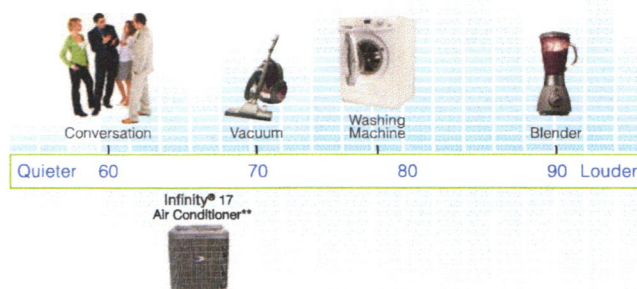
3 Enhanced Comfort and Peace of Mind

By combining the intuitive Infinity® control with the Infinity control board in the air conditioner itself, Carrier puts enhanced comfort at your fingertips. When installed as part of a complete Infinity system, you control temperature schedules, heating, cooling, humidification, dehumidification, fan speeds and more, all from one easy-to-use control on the wall in your home. This system monitors air conditioner functions, makes adjustments to maximize performance and provides maintenance reminders on the Infinity control.

4 Quiet Operation

The Infinity® 17 air conditioner quietly cools your home with sound levels as low as 66 dBA. Our exclusive Silencer System II™ technology features a silencer top, integrated fan motor, forward-swept fan blades, compressor vibration isolator plate, sound hood and split-post compressor grommets to help deliver quiet operation by maximizing airflow and minimizing vibration.

Comparison Sound Ratings (decibels)



5 Uncompromising Quality

ArmorPlate™ coil coating protects the outdoor coil fin from harsh salt air. A specially formulated epoxy is permanently bonded to the coil surfaces preventing the destructive galvanic corrosion that is common in coastal areas.

** Per standard testing as described by ARI 270-95 in cooling mode.
Other sound levels, mentioned for comparison, as published at
http://www.noisyplanet.nidcd.nih.gov/SiteCollectionDocuments/Bookmark_2up.pdf.



It's About Your Comfort

The Carrier® Infinity® 17 air conditioner represents years of design, development and testing with one goal in mind – making you more comfortable. We have taken the lead in creating new technologies that deliver the comfort and efficiency you deserve while staying ahead of industry trends and global initiatives.

All year long, humidity affects the temperature at which you feel most comfortable. That's why Carrier® Ideal Humidity System® technology plays such an important role in your comfort. When you add the Infinity® control, Carrier humidifier and Infinity furnace or fan coil to the Infinity 17 air



conditioner, Ideal Humidity System technology gives you enhanced control over humidity levels for greater comfort even when your system isn't calling for heating or cooling.[†] You'll feel cooler at higher temperatures in the summer and warmer at lower temperatures in the winter.

Carrier gives you ultimate command of comfort, performance and energy savings when you include an Infinity® control and Infinity variable-speed furnace or fan coil to create an Infinity system. A complete Infinity system provides unprecedented control of not only

INFINITY SYSTEM

temperature, but also humidity, dehumidification, fan speed, weekly comfort schedules and more. This smart system can even monitor operation and maintenance items and provide service reminders such as when it's time to change the filter.

Puron® refrigerant is environmentally sound and won't deplete the ozone layer. Carrier® systems with Puron refrigerant set the standard for environmentally sound air conditioner and heat pump



performance well ahead of industry competitors. Today, Carrier air conditioners and heat pumps using Puron refrigerant show exceptional reliability and are a testament to our industry leadership.

[†] Ideal Humidity System technology continually monitors indoor humidity, indoor temperature and outdoor temperature, and has the ability to turn on your comfort system just for dehumidification in the cooling season or humidification in the heating season.

Uncompromising Quality

You don't lead an industry for more than 100 years by accident. Carrier has maintained its position and reputation through diligent, uncompromising quality control at every stage of a product's life – from concept to completion. Proven to last longer than standard air conditioner coils, Infinity® 17 air conditioner coils with ArmorPlate™ coating are the perfect choice for homeowners living in coastal areas. Once our product is installed at your home, you can be confident that durable construction and built-in reliability features ensure your comfort for years to come.

- Dual paint coverage: Coverage on all exposed sheet metal delivers additional protection against harsh coastal conditions. The Carrier® dual paint system applies a special protective coating on both the front and back of the metal cabinet to shield it from rust, both inside and out.
- Built-in reliability: Forward-swept fan blades enhance performance and maximize sound reduction. Smart electronics that monitor system operation and a compressor-protecting filter drier help keep critical components operating at their best.
- Durability: WeatherArmor Ultra™ protection shields the outdoor unit from hail, errant soccer balls, lawn equipment and other hazards. Our combination of a galvanized steel cabinet, louvered coil guard and baked-on powder paint provides superior rust protection.

WeatherShield™

Limited Warranty

To the original owner, the Carrier® Infinity® 17 air conditioner is covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Carrier is so confident in the reliability of this unit that we are also offering a five year parts limited warranty on seacoast corrosion. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at carrier.com for complete details and restrictions. Be sure to ask your Carrier dealer about optional labor warranties.



What Efficiency Means to You

Air conditioners are powered by electricity. You can compare efficiencies of different air conditioner models by checking the SEER (Seasonal Energy Efficiency Ratio) ratings, available through your Carrier dealer or manufacturer web sites. The published ratings provide a standardized method for comparing how much cooling performance you get for the electricity you use.

Using these ratings is a lot like miles per gallon for your car – the higher the number, the more efficient the product and the greater potential for savings. Actual air conditioner performance will vary based on the age and condition of your home, personal comfort preferences, weather patterns in your area and much more.

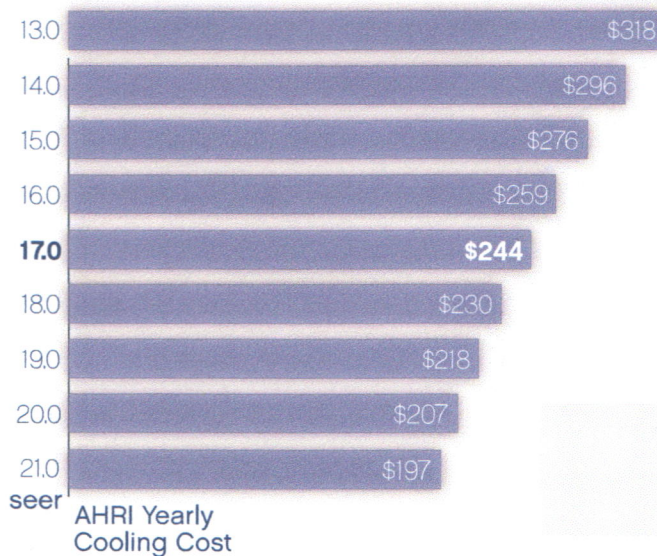
So when you are comparing air conditioners, be sure to look at the SEER ratings before you make your decision.



Energy-Efficient Air Conditioner Designed with Your Comfort in Mind



Greater Operational Efficiency



The Infinity® 17 air conditioner offers plenty of potential for annual savings while providing extra-comfortable cooling. When compared to a standard efficiency air conditioner (13.0 SEER), you can save up to \$74 a year in cooling costs.†† And, if you are replacing an older, less efficient model, the savings can be even more significant.

††Values based on AHRI method for estimated operating cost using U.S. average cooling hours in 2011.



The Infinity® 17 air conditioner offers energy efficiency of up to 17.0 SEER to provide reduced energy usage and environmental impact.

Carrier® Systems for Unmatched Performance in Every Season

Willis Carrier's meticulous attention to quality and detail led to a major culture shift in the way we live indoors. More than a century later, Carrier Corporation operates with a unique willingness to develop new technology, the confidence to revise proven designs and the ability to deliver results with every new installation.

Part of that equation is our nationwide network of experts you can turn to for all of your indoor comfort needs. Your local Carrier dealer is well equipped to evaluate your home – everything from size, window placement, ductwork, venting and other structural specifics – and create a customized system designed around your lifestyle. So when it's time to make a choice for your family's comfort, make the best decision you'll ever make – Carrier – and let the experts do the rest.



- A. Air Conditioner
- B. Gas Furnace
- C. Evaporator Coil
- D. Air Purifier
- E. Ventilator
- F. Humidifier
- G. Zoning
- H. UV Lamp
- I. Infinity Control

The Total Indoor Comfort System

Infinity® Air Conditioner provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.

Infinity Gas Furnace provides reliable, high-efficiency heating for long-lasting comfort and energy savings.

Evaporator Coil is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service.

Infinity Air Purifier improves air quality by capturing and killing airborne bacteria and viruses and other irritating airborne pollutants in your home.

Ventilator combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

Humidifier replenishes moisture to dry air.

Zoning sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

UV Lamp inhibits the growth of contaminants on the indoor coil, leaving your home with cleaner, fresher indoor air.

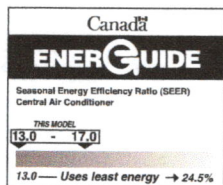
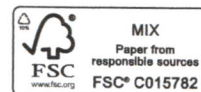
Infinity Control is more than just a thermostat. It's your interface to the Infinity System that allows you to control temperature, humidity, air quality, fan speed and ventilation.

A-1 Heating & Air
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Model 24ANB7**C

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01-824-061-25



Always look for these symbols, the air conditioner industry seals of certified performance, efficiency and capacity.

Always Ask For
**FACTORY
AUTHORIZED
PARTS**

www.carrier.com

1-800-CARRIER

A member of the United Technologies Corporation family. Stock Symbol UTX.

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.



turn to the experts™

