

Climasure™ Series Air Conditioners

TCGD Model—13 SEER



Helping grant wishes one home at a time!

Brayton, 3

I wish to go to the Florida theme parks

life-threatening blood disease



Proud sponsor of Make-A-Wish®

Comfort You've Been Wishing For™

LUXAIRE®

HEATING ■ AIR CONDITIONING

We have the comfort you've been



Energy savings you can count on

The 13 SEER¹ Climasure™ MicroChannel air conditioner can make a dramatic difference in your energy bill—cutting energy use over 50% when compared to most central air conditioning systems over 10 years old. When matched with a variable speed air handler or gas furnace, efficiencies above 14 SEER can be achieved, further reducing operating expenses. And now it's available with R-410A refrigerant, which reduces impact on the atmosphere.

Dependable comfort without the high cost

Count on the engineers at Luxaire to ensure long-life reliability by using an advanced MicroChannel Coil. This technology uses all-aluminum construction developed in the automotive industry. The aluminum MicroChannel Coil creates a superior heat exchange surface for improved performance. Advanced design also makes it possible to fit maximum performance in minimum space. The result is an outdoor unit with a more stylish, trimmer appearance for a neater installation.

1. The Federal Government has established SEER (Seasonal Energy Efficiency Ratio) ratings to allow you to compare energy efficiencies of heating and air conditioning equipment. The higher the SEER number, the more efficient the product.

Enjoy the quiet

No wonder our Climasure™ system has such low sound ratings. All moving parts were selected for quiet operation with added sound insulation and special mounting to reduce noise. Even the fan blades are designed to move air quietly. What's more, the upward airflow carries these soft, normal operating noises away from your home.



**For every 3 dB quieter, sound power is reduced 50%!*

Quality first always lasts

Quality materials and manufacturing ensure that the entire system is built to last. The coils are constructed with aluminum fins for outstanding corrosion resistance. Plus, they're protected from impact by a tough, decorative grille. The permanently-lubricated fan motor needs no servicing. The compressor is the most efficient, reliable, and long lasting in its class and is internally protected from abnormal operating conditions. The heavy-duty cabinet is made of pre-painted steel with an appliance-quality finish that is attractive and resists corrosion and fading.

Performance inside and out



Unique MicroChannel Coil construction creates a superior heat exchange surface that allows a smaller unit to provide higher performance in less space

High-pressure relief valve and solid core filter-drier extend life of compressor

Permanently lubricated fan motor reduces maintenance costs

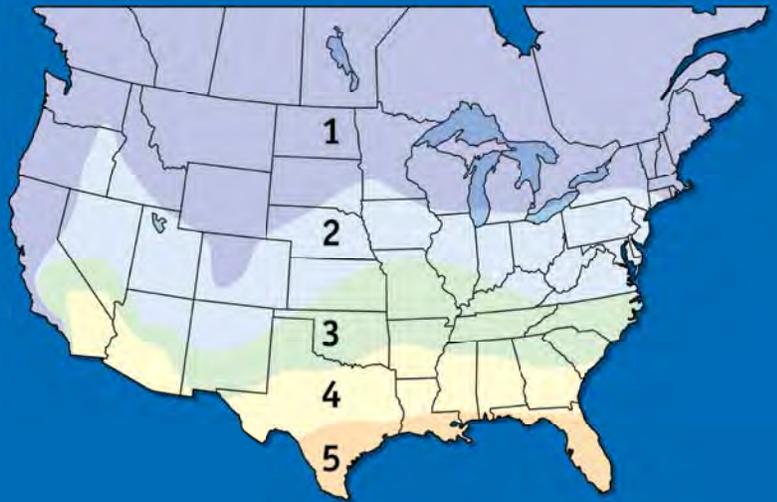
Compressor is protected from high pressure and temperature for durability

Heavy-duty cabinet is made of pre-painted steel with an appliance-quality finish

ElectroFin® coated coils help protect your unit from environmental deterioration (available on select models)

Savings you can see

Advanced Climasure™ TCGD air conditioners nearly double the energy efficiency compared to many older units. Then factor in higher reliability and reduced service costs, and a Climasure™ TCGD model purchase pays for itself fast.



| Cooling Efficiencies SEER | Approximate Annual Cooling Operating Costs | | | | |
|---------------------------|--|--------|--------|--------|---------|
| | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 |
| 6 | \$479 | \$614 | \$833 | \$866 | \$1,359 |
| 8 | \$359 | \$455 | \$625 | \$649 | \$1,020 |
| 10 | \$288 | \$368 | \$500 | \$519 | \$ 815 |
| 12 | \$239 | \$307 | \$417 | \$432 | \$ 680 |
| 13 | \$222 | \$285 | \$386 | \$402 | \$ 631 |
| 14 | \$207 | \$265 | \$360 | \$375 | \$ 589 |
| 16 | \$190 | \$239 | \$325 | \$345 | \$ 574 |

• Seasonal Energy Efficiency Ratio (SEER) is a measure of air-cooling efficiency. The government's minimum rating for new air conditioning systems is 13 SEER. (Based on 2005 DOE national average price for electricity (0.0945/kwh). Assuming the use of 36,000 BTU nominal capacity. Cooling based on Bin data. Operating cost based on 2,100 sq. ft. and occupancy of 4 people. Actual savings may vary.)

To use the map and chart:

Using the map, locate the zone you live in. Determine the SEER of your current system. Cross-reference your zone and current SEER in the table to determine your approximate annual cooling costs. The difference between your current cost and that of a higher SEER unit is your estimated annual savings.

Example:

\$1,359 - \$631 = \$728
(Your estimated annual savings)

That's a 54% savings!

Example is based on the difference between a 6 SEER three-ton unit and a 13 SEER unit in zone 5.

Climasure™: part of a total Luxaire® comfort system

Extend your quiet, efficient comfort with a Luxaire® furnace or air handling unit—which are designed for the same level of money-saving efficiency, quiet operation and durability. Our efficient air handlers and furnaces feature reliable



blower motors, providing years of trouble-free performance with very low air leakage for better energy efficiency. Also count on Luxaire to provide the fans, filters and advanced controls to complete your system!

Your purchase helps support Make-A-Wish®

As part of our commitment to the communities we serve, a portion of your Luxaire® purchase goes to your local Make-A-Wish® chapter. Together we're helping to make wishes come true for kids with life-threatening medical conditions in your community.



Ella, 4

I wish to go to the Florida theme parks

acute lymphoblastic leukemia

High performance, year in and year out



This unit's design has proven reliability and performance. And when we build a product this good, we're happy to stand behind it. So we

back each Climasure™ 13 SEER air conditioner with a 10-year limited warranty on parts and a 10-year limited warranty on the compressor for R-410A models. (Extended 10-year limited parts and compressor warranties require online registration within 90 days of installation. Otherwise, the warranties revert to 5-year limited parts and 5-year limited compressor warranties. The 10-year limited parts warranty does not apply to R-22 models, three-phase models or internet sales. Please see Limited Warranty certificate in User's Manual for details.)

Our optional Luxaire® Performance Promise™ Extended Protection Plan offers additional total parts and labor coverage. And, Luxaire makes buying a Climasure™ system easy and affordable with financing plans to meet your needs and budget.

Visit our website



Learn how Luxaire® products can improve your home comfort at www.luxaire.com. Our website is the perfect place to get acquainted with our wide range of products.

Choose the Climasure™ system that performs best for your home

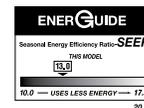
Climasure™ TCGD Model Air Conditioners w/R-410A

| Model | Nominal Capacity (tons) | Nominal Cooling SEER | Dimensions (inches) | | |
|-------------------|-------------------------|----------------------|---------------------|--------|--------|
| | | | Height | Width | Depth |
| TCGD18S41S3(H)(E) | 1.5 | 13.0 | 28-1/4 | 24 | 24 |
| TCGD24S41S3(H)(E) | 2.0 | 13.0 | 28-1/4 | 24 | 24 |
| TCGD30S41S3(H)(E) | 2.5 | 13.0 | 28-1/4 | 24 | 24 |
| TCGD36S41S3(H)(E) | 3.0 | 13.0 | 28-1/4 | 29-1/2 | 29-1/2 |
| TCGD42S41S4(H)(E) | 3.5 | 13.0 | 30-1/4 | 29-1/2 | 29-1/2 |
| TCGD48S41S3(H)(E) | 4.0 | 13.0 | 30-1/4 | 29-1/2 | 29-1/2 |
| TCGD60S41S3(E) | 5.0 | 13.0 | 32-1/4 | 34 | 34 |

Models with (H) in the nomenclature have factory-installed start kits.
Models with (E) in the nomenclature have an ElectroFin® coating on the outdoor coil.



Ask your Luxaire® Contractor about easy financing options.



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