

Climasure™ Series Air Conditioners

13 SEER TCGD Model *with MicroChannel Technology*



R-410A Refrigerant and MicroChannel Coil

The Climasure™ TCGD model uses R-410A refrigerant with an advanced, all-aluminum MicroChannel coil for outstanding reliability, even in corrosive coastal applications.

■ Energy Savings.

The 13 SEER¹ Climasure™ MicroChannel air conditioner can make a dramatic difference in your energy bill—cutting energy use up to 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 Design, Compact Size.

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. A 7,000 hour salt-spray test proves outstanding corrosion resistance—a feature especially important in coastal applications. Advanced design also makes it possible to fit maximum performance in minimum space. The result is an outdoor unit with a trimmer appearance for a neater installation.

■ Enjoy the Quiet.

No wonder our Climasure™ system has such low sound ratings. All moving parts were selected for quiet operation and specially mounted 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.

■ Quality.

Quality materials and manufacturing ensure that the entire system is built to last. The coils are constructed from aluminum 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. And the heavy-duty cabinet is made of pre-painted steel with an appliance-quality finish that is attractive and resists corrosion and fading.

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

Setting The Performance Standard.

LUXAIRE[®]
HEATING • AIR CONDITIONING

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

All-aluminum fins look great and provide outstanding resistance to salt spray, which is especially important in coastal applications

■ A System That's Built to Last.

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 MicroChannel system with a 10-year limited warranty on compressors and a 10-year limited warranty on parts for R-410A models (must be installed after May 1, 2009, and registered online within 90 days of installation – otherwise the parts and compressor warranties revert to 5-year limited warranties)†.



Extended Warranty

Ask your dealer about our extended protection plan. You can have complete peace of mind – with additional parts-and-labor coverage on your system.



Complete Buyer Protection

Ask your dealer about easy financing from Luxaire. Applying takes just minutes and, upon approval, you'll enjoy affordable monthly payments and special financing offers.

■ Supporting Make-A-Wish Foundation®

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



■ Visit Our Website.

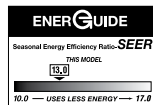


Learn how Luxaire® products can improve your home comfort at www.luxaire.com. Our website is the perfect place to get acquainted with our wide range of products.

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

Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
TCGD18S41H1	1.5	13.0	28	23-1/2	23-1/2
TCGD24S41H1	2.0	13.0	28	23-1/2	23-1/2
TCGD30S41H1	2.5	13.0	28	23-1/2	23-1/2
TCGD36S41H1	3.0	13.0	28	29	29
TCGD42S41H1	3.5	13.0	30	29	29
TCGD48S41H1	4.0	13.0	30	29	29

† Three-phase models do not qualify for the 10-year limited parts warranty.
 † Three-phase models have a 1-year parts and a 5-year compressor warranty.



Setting The Performance Standard™

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