

# Climasure™ Series Heat Pumps

## 13 SEER THGD Model



### Performs with R-410A Refrigerant

*The Climasure™ THGD model uses environmentally-friendly R-410A refrigerant to meet the performance demands of providing year-round comfort.*

#### ■ Energy Savings.

With a Seasonal Energy Efficiency Ratio (SEER)<sup>1</sup> of 13, and a Heating Season Performance Factor (HSPF) as high as 9.5, a Climasure™ heat pump can make a dramatic difference in your energy bill. In fact, it could cut your 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.

#### ■ Dependable Comfort Without the High Cost.

The compact and energy-efficient Climasure 13 SEER heat pump will keep your home comfortable all year long, effectively lowering humidity levels while maintaining the desired temperature. Talk to your Luxaire® dealer about matching your new Climasure 13 SEER heat pump with a compatible Luxaire air handler, variable-speed or two-stage furnace which will give you a home comfort system that maximizes both cooling and heating efficiencies—not to mention your family's comfort.

#### ■ 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) and HSPF (Heating Season Performance Factor) ratings to allow you to compare energy efficiencies of heating and air conditioning equipment. The higher the SEER or HSPF number, the more efficient the product.

*Setting The Performance Standard.*

**LUXAIRE®**  
HEATING • AIR CONDITIONING

Durable appliance-like finish  
resists rust and corrosion

Raised fan coil guard  
reduces sound levels

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



Permanently lubricated fan  
motor reduces maintenance costs

Coils constructed of copper tubing  
with aluminum fins ensure durability  
and long-lasting, efficient operation

Demand defrost system reduces  
energy costs by cycling unit into  
defrost mode only when needed

R-410A refrigerant provides  
advanced performance for your  
home and the environment

### ■ 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 heat pump 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.

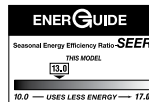


Learn how Luxaire® products can improve your home comfort at [www.luxaire.com](http://www.luxaire.com). Our website is the perfect place to get acquainted with our wide range of products.

### Climasure™ THGD Model Heat Pumps w/R-410A

Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
THGD18S41S1	1.5	13.0	28	34	34
THGD24S41S1	2.0	13.0	32	34	34
THGD30S41S1	2.5	13.0	36	34	34
THGD36S41S1	3.0	13.0	40	34	34
THGD42S41S1	3.5	13.0	40	34	34
THGD48S41S1	4.0	13.0	40	34	34
THGD60S41S1	5.0	13.0	40	34	34

† 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™

**LUXAIRE**  
HEATING ■ AIR CONDITIONING

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