

# THGD Series

## 13 SEER Split System Heat Pumps



### Performs with R-410A Refrigerant

*The 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 Fraser-Johnston® 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 Fraser-Johnston 13 SEER heat pump will keep your home comfortable all year long, effectively lowering humidity levels while maintaining the desired temperature. Talk to your Fraser-Johnston dealer about matching your new 13 SEER heat pump with a compatible Fraser-Johnston 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 Fraser-Johnston 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 cap and base pan are made of pre-painted steel with a matte finish that resists corrosion and fading.

**FRASER-JOHNSTON®**  
Heating ■ Air Conditioning

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.

Durable matte finish resists rust and corrosion

Raised fan coil guard reduces sound levels

High and low pressure switches and a solid core filter-drier extend life of the compressor

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

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



### ■ 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 13 SEER system with a 10-year limited warranty on compressors and a 10-year limited warranty on parts for R410-A 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.

| THGD 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.

