# **READ ONLY**



### **Trane Packaged Systems**

Everything comes together perfectly.







### Efficiency, comfort and reliability. Trane delivers

## Trane has a tradition of quality lasting more than a century.



Trane Storefront La Crosse, Wisconsin 1891 Courtesy of the La Crosse (Wisconsin)

Over a hundred years ago, Reuben and James Trane made the decision to stand out from the crowd. To build a comfort system like no other, using uncompromising quality, innovation and reliability. Today, their legacy is found in everything Trane makes, from our premium materials to our industryleading technology to our extensive product testing under the harshest

conditions. When you buy a Trane, you're buying a commitment from us, to you. A commitment to your total comfort, and your total peace of mind. Because that's what Reuben and James would have done.

When it comes to heating and cooling America's homes, people see Trane as the industry experts more than any other brand.\* People expect more from a leader, and Trane delivers.

- Winner of the Dealer Design Award presented by Air Conditioning, Heating & Refrigeration NEWS, the industry's leading trade publication, for the fourth year in a row.
- Winner of Building Products magazine's 2009 Green Product Award, the only HVAC manufacturer to win the award that year.
- Winner of the David Weekley Homes' prestigious Partners of Choice Award for Service and Product Performance.

People trust Trane to deliver more. So we do. Every Trane packaged system is built with only premium materials, according to time-tested designs that deliver serious reliability and performance using less energy. To Trane, nothing is more important than your comfort and peace of mind.



### the whole package.

### Flexible enough to install where you need it. Tough enough to be a Trane.

Trane packaged heating and cooling systems give you everything in one. High performance comfort all year long, with the reliability, efficiency and performance that only a leader can deliver. All with the architectural flexibility to accommodate rooftop or ground placement.

Trane packaged systems are built with our own Climatuff® compressors, tested in brutal conditions and known throughout the industry for their reliability. We insist on only premium materials, and design every component for durability, from our patented Vortica™ blower to the all-aluminum construction of our Spine Fin™ coils. Your comfort is riding on everything we build, and we don't take that lightly.

#### Quietly dedicated to your comfort.

We're as concerned with your peace and quiet as we are your comfort. So we build our packaged systems to be some of the quietest ever made, with sound-reducing features like a swept-blade fan, an insulated area for the Climatuff® compressor and a specially-shaped Vortica™ blower in its own compartment, for quiet operation year after year.



## The precise comfort of variable speed and Trane's exclusive Comfort-R.™

Trane packaged systems are full of innovations designed to fine-tune your comfort. For example, every XL16c and XL14c packaged system includes a variable-speed motor with Comfort-R.™ Variable-speed means quieter operation and fewer hot and cold spots throughout your home. Comfort-R provides precise humidity control by drawing more moisture out during startup. Together, they can do amazing things to your air, making you feel more comfortable.

### **READ ONLY**

### Take a look inside Trane packaged air conditioners.



Features and components may vary by model and are shown for illustration purposes only.

- 1 State-Of-The-Art Fan System A highly-efficient motor and sophisticated aerodynamic blade move air across the coil quietly and efficiently.
- Variable-Speed Blower Motor With Comfort-R™

Provides quieter startups and shutdowns, and distributes air evenly to eliminate hot and cold spots. Exclusive Comfort-R provides precise humidity control for increased comfort.

Composite Vortica<sup>™</sup> Blower An advanced airflow system that moves air quickly and quietly while using less energy.

Climatuff® Compressor

Known throughout the industry for its legendary reliability and efficient, quiet operation.

- 5 All-Aluminum Spine Fin™ Coil Extremely resistant to corrosion and leaks for greater reliability. Enhanced airflow helps increase comfort and efficiency.
- **Attractive, Contrasting Louvers** and Corner Guards

Automotive-grade, UV-resistant plastic components provide attractive, long-lasting protection.

**Durable Weather-Beater Top** Specially contoured and

reinforced to deflect the elements year after year.

8 Appliance-Grade Finish

All-steel construction and UV resistant paint means your packaged system stays attractive for years.

#### **Air Conditioners**

XL14c: Ultra quiet performance with a SEER of up to 14.25 and ENERGY STAR® qualified.

XL13c: Stay efficient and comfortable all summer with a SEER of up to 13.

XB13c: Reliable comfort on even the hottest days, with

a SEER of 13.



|   | XL14c | XL13c | XB13c |
|---|-------|-------|-------|
| STATE-OF-THE-ART FAN SYSTEM                                     | •     | •     |       |
| VARIABLE-SPEED BLOWER MOTOR WITH COMFORT-R $^{\text{\tiny TM}}$ | •     |       |       |
| COMPOSITE VORTICA™ BLOWER                                       | •     | •     | •     |
| CLIMATUFF® COMPRESSOR   | •     | •     | •     |
| ALL-ALUMINUM SPINE FIN™ COIL                                    | •     | •     | •     |
| ATTRACTIVE, CONTRASTING LOUVERS                                 | •     | •     |       |
| ROUNDED CORNER GUARDS   | •     | •     |       |
| DURABLE WEATHER-BEATER TOP                                      | •     | •     | •     |
| APPLIANCE-GRADE FINISH  | •     | •     | •     |
| OPTIONAL ELECTRIC HEATER KIT                                    | •     | •     | •     |

# Trane packaged heat pumps, quality inside and out.



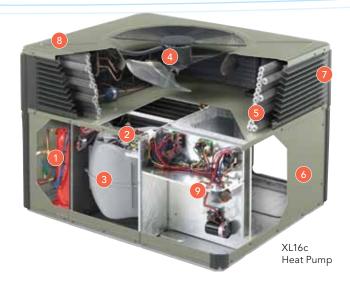
#### 1 Climatuff® Two-Stage Compressor

Legendary reliability, with two stages of cooling for efficiency and quiet operation. Operates at lower speeds most of the time, using the higher speed only when needed.

2 Variable-Speed Blower Motor with Comfort-R™

Distributes air more evenly to eliminate hot and cold spots, while operating at reduced noise levels. Exclusive Comfort-R provides precise humidity control to enhance your comfort.

- 3 Composite Vortica™ Blower
  An advanced design increases
  airflow with minimal sound.
- 4 State-Of-The-Art Fan System
  A highly-efficient motor and
  specially-shaped aerodynamic
  blade move air across the coil
  quietly and efficiently.
- 5 All-Aluminum Spine Fin™ Coil
  Extremely resistant to corrosion
  and leaks for greater reliability.
  Designed for more efficient,
  effective airflow.



Electronic Demand Defrost

Advanced solid-state control eliminates unnecessary defrost cycles, saving energy and prolonging compressor life.

6 Appliance-Grade Finish
Heavy rolled steel with
UV resistant paint means
your packaged system stays
attractive for years.

Contrasting Louvers And Corner Guards

Made of UV-resistant, automotive-grade plastic for attractive, durable protection.

8 Durable Weather-Beater Top
Tough and durable, specially
shaped and reinforced to shrug
off the elements.

### **READ ONLY**

Features and components may vary by model and are shown for illustration purposes only.

#### **Heat Pumps**

**XL16c:** ENERGY STAR® qualified with a SEER of up to 16.4 and a HSPF of up to 9.

**XL14c:** Year-round comfort with the efficiency of up to 14.25 SEER and a HSPF of up to 8.2 and ENERGY STAR® qualified.

**XL13c:** Up to 13 SEER and 8 HSPF keep you comfortable through any weather.

**XB13c:** Reliabile, quiet and comfortable, with up to 13 SEER and 7.7 HSPF.

**XR13h:** Up to 14 SEER and up to 8 HSPF in an over/under design.



|                                 | XL16c     | XL14c | XL13c | XB13c | XR13h |
|---------------------------------|-----------|-------|-------|-------|-------|
| CLIMATUFF® COMPRESSOR           | Two-stage | •     | •     | •     | •     |
| VARIABLE-SPEED INDOOR BLOWER    | •         | •     |       |       | •     |
| COMPOSITE VORTICA™ BLOWER       | •         | •     | •     | •     |       |
| STATE-OF-THE-ART FAN SYSTEM     | •         | •     | •     |       |       |
| ALL-ALUMINUM SPINE FIN™ COIL    | •         | •     | •     | •     |       |
| APPLIANCE-GRADE FINISH          | •         | •     | •     | •     | •     |
| ATTRACTIVE, CONTRASTING LOUVERS | •         | •     | •     |       |       |
| ROUNDED CORNER GUARDS           | •         | •     | •     |       |       |
| DURABLE WEATHER-BEATER TOP      | •         | •     | •     | •     |       |
| ELECTRONIC DEMAND DEFROST       | •         | •     | •     | •     |       |
| OPTIONAL ELECTRIC HEATER KIT    | •         | •     | •     | •     | •     |
|                                 |           |       |       |       |       |

# Trane gas/electric packaged systems, a difference you can feel every day.

Climatuff® Two-Stage
 Compressor

Legendary reliability, with two stages of cooling for efficiency and quiet operation. Operates at lower speeds most of the time, using the higher speed only when needed.

2 Variable-Speed Blower Motor with Comfort-R™

Distributes air evenly to eliminate hot and cold spots. Allows quieter startups and shutdowns, while carefully controlling humidity levels.

- 3 State-Of-The-Art Fan System
  Uses a specially-shaped
  aerodynamic blade for efficiency,
  performance and the quietest
  operation on the market of any
  packaged system.
- 4 Two-Stage Heating Capacity
  Provides even, efficient comfort
  with two stages of heating,
  eliminating hot and cold spots.
- 5 Composite Vortica™ Blower
  Uses less energy to move more
  air, quickly and quietly.



Features and components may vary by model and are shown for illustration purposes only.

Stainless Steel Heat Exchanger and Burners

Ultra-safe tubular design offers efficient combustion and extreme durability.

- 7 All-Aluminum Spine Fin™ Coil
  Provides enhanced airflow and
  higher efficiency, while resisting
  corrosion and leaks better than
  copper and aluminum coils.
- 8 Attractive, Contrasting Louvers And Corner Guards

Attractive automotive-grade, UV-resistant plastic provides lasting protection. Durable Weather-Beater Top
 Contoured and reinforced to

shrug off the elements year after year.

Appliance-Grade Finish All-steel cabinet with UV resistant paint means your packaged system stays attractive for years.

### **READ ONLY**

#### **Gas / Electric Systems**

**XL16c:** One of Trane's top performers. ENERGY STAR® qualified with up to 16.6 SEER and 80% AFUE.

**XL14c:** ENERGY STAR<sup>®</sup> qualified with the efficiency of up to 14.25 SEER and 80% AFUE.

**XL13c:** Comfortable, reliable and efficient, offering up to 13 SEER and 80% AFUE.

**XB13c:** Smart comfort with up to 13 SEER and 80% AFUE.



|   | XL16c     | XL14c | XL13c | XB13c |
|---|-----------|-------|-------|-------|
| CLIMATUFF® COMPRESSOR                                     | TWO-STAGE | •     | •     | •     |
| VARIABLE-SPEED BLOWER MOTOR WITH COMFORT- $R^{\text{TM}}$ | •         | •     |       |       |
| TWO-STAGE GAS VALVE                                       | •         | •     |       |       |
| STATE-OF-THE-ART FAN SYSTEM                               | •         | •     | •     |       |
| COMPOSITE VORTICA™ BLOWER                                 | •         | •     | •     | •     |
| STAINLESS STEEL HEAT EXCHANGER AND BURNERS                | •         | •     | •     | •     |
| ALL-ALUMINUM SPINE FIN <sup>™</sup> COIL                  | •         | •     | •     | •     |
| ATTRACTIVE, CONTRASTING LOUVERS                           | •         | •     | •     |       |
| ROUNDED CORNER GUARDS                                     | •         | •     | •     |       |
| DURABLE WEATHER-BEATER TOP                                | •         | •     | •     | •     |
| APPLIANCE-GRADE FINISH                                    | •         | •     | •     | •     |

# Trane packaged EarthWise™hybrid systems, reliability you can appreciate.



Climatuff® Two-Stage Compressor

Legendary reliability, with two stages of cooling for efficiency and quiet operation.

- 2 Trane Thermostat (required)
  Lets you switch between electric
  and gas heat, so you're always
  using the most efficient method
  to stay comfortable.
- Four-Stage Heating Capacity A two-stage electric heat pump and two-stage gas furnace work together for incredible flexibility, comfort and efficiency (not shown).
- 4 State-Of-The-Art Fan System
  Uses a specially-shaped blade
  for efficient airflow and the
  quietest operation on the market
  of any packaged system.
- 5 Variable-Speed Blower Motor with Comfort-R™

Distributes air quietly and evenly to eliminate hot and cold spots, while offering precise humidity control.

6 Composite Vortica™ Blower Uses less energy to produce more airflow and minimal sound.



7 All-Aluminum Spine Fin™ Coil Resists corrosion and leaks for incredible reliability. The patented design maximizes airflow and heat transfer.

**8** Stainless Steel Heat Exchanger and Burner

Safe, reliable and dependable, winter after winter.

Attractive, Contrasting Louvers and Corner Guards

Attractive automotive-grade, UV-resistant plastic provides lasting protection.

**Durable Weather-Beater Top**Contoured and reinforced to shrug off the elements.

Appliance-Grade Finish

All-steel cabinet with UV resistant paint stays attractive and tough while reducing operating noise.

Features and components may vary by model and are shown for illustration purposes only.

### EarthWise™ Hybrid Dual Fuel Systems: comfortable for you and the entire planet.

A Trane dual fuel packaged system warms your home with either an electric heat pump or a gas furnace, based on the weather outside. So you're always using the most efficient method to stay warm, and potentially lowering your heating costs.

#### EarthWise<sup>™</sup> Hybrid Dual Fuel Systems

**XL16c:** Multiple-stage comfort with ENERGY STAR® efficiency, offering up to 16 SEER and 80% AFUE.

**XL14c:** ENERGY STAR<sup>®</sup> qualified for year round comfort and smart energy use, with three-stage heating capacity, up to 14.25 SEER and 80% AFUE.



XL16c



|  | XL16c     | XL14c |
|--|-----------|-------|
| CLIMATUFF® COMPRESSOR                              | TWO-STAGE | •     |
| VARIABLE-SPEED BLOWER MOTOR WITH COMFORT- $R^{TM}$ | •         | •     |
| TWO-STAGE GAS VALVE                                | •         | •     |
| STATE-OF-THE-ART FAN SYSTEM                        | •         | •     |
| COMPOSITE VORTICA™ BLOWER                          | •         | •     |
| STAINLESS STEEL HEAT EXCHANGER AND BURNERS         | •         | •     |
| ALL-ALUMINUM SPINE FIN™ COIL                       | •         | •     |
| ATTRACTIVE, CONTRASTING LOUVERS                    | •         | •     |
| ROUNDED CORNER GUARDS                              | •         | •     |
| DURABLE WEATHER-BEATER TOP                         | •         | •     |
| APPLIANCE-GRADE FINISH                             | •         | •     |

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#### Take comfort in our warranties.

Trane believes in your peace of mind as much as we believe in your comfort. So every Trane package system is backed by a robust, straightforward warranty. Please consult your dealer for additional details on all coverage options.

|  | XL16c          | XL14c | XL13c | XB13c | XR13h |
|--|----------------|-------|-------|-------|-------|
| 20 YEAR LIMITED WARRANTY ON HEAT EXCHANGER <sup>†</sup> WITH REGISTRATION*         | •              | •     | •     |       |       |
| 10 YEAR LIMITED WARRANTY ON HEAT EXCHANGER <sup>†</sup> WITH REGISTRATION*         |                |       |       | •     |       |
| 12 YEAR LIMITED WARRANTY ON COMPRESSOR<br>WITH REGISTRATION*                       | •              |       |       |       |       |
| 10 YEAR LIMITED WARRANTY ON COMPRESSOR WITH REGISTRATION*                          |                | •     | •     | •     |       |
| 5 YEAR LIMITED WARRANTY ON COMPRESSOR<br>WITH REGISTRATION*                        |                |       |       |       | •     |
| 10 YEAR LIMITED WARRANTY ON OUTDOOR COIL<br>WITH REGISTRATION*                     | •              | •     | •     | •     |       |
| 5 YEAR LIMITED WARRANTY ON OUTDOOR COIL<br>WITH REGISTRATION*                      |                |       |       |       | •     |
| 10 YEAR LIMITED WARRANTY ON FUNCTIONAL PARTS WITH REGISTRATION*                    | •              | •     | •     | •     |       |
| 5 YEAR LIMITED WARRANTY ON FUNCTIONAL PARTS<br>WITH REGISTRATION*                  |                |       |       |       | •     |
| <sup>†</sup> Heat exchanger warranty applies to dual fuel and gas/electric package | ned systems or | ılv   |       |       |       |

<sup>\*</sup> Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at Trane.com or by phone at 800-554-6413, otherwise Trane's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on Trane.com.

#### Independent Trane dealers value reliability as much as you do.



Your independent Trane dealer knows his or her reputation is made at every sale, and with every installation. Therefore, they are as personally invested in your comfort as you are, and take great pride in creating your perfect indoor environment.

Trane dealers are some of the most highly-trained in the business, with advanced technical skills to optimize every installation and solve any issue. They have an extensive understanding of the movement and conditioning of air, and the expertise to create a perfectly balanced, ultra-efficient system for every home.

Trane dealers believe in doing the job right, every time. Otherwise, they wouldn't be Trane dealers.













trane.com

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