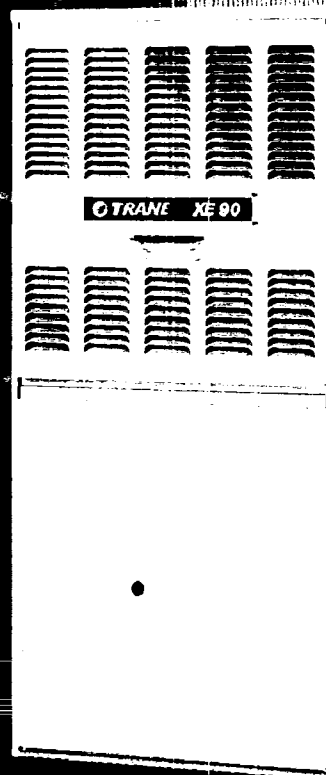


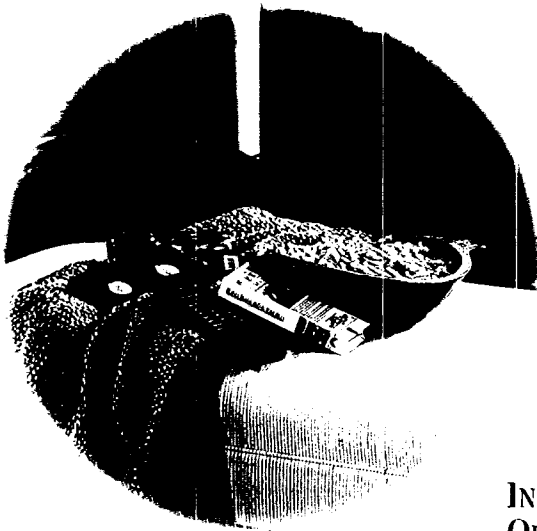
90+  
AFUE

TRANE®

You Can Hear The Difference.

XE 90 Single Stage Gas Furnace





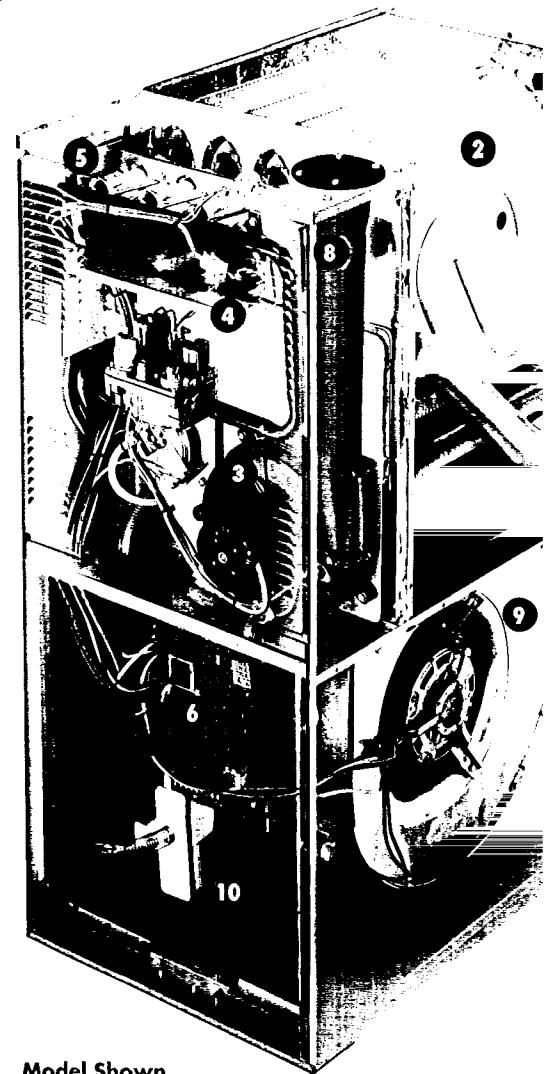
\* Annual Fuel Utilization Efficiency (AFUE) rating reflects the efficiency of a gas furnace in converting fuel to energy.

## WINTER COMFORT. PURE AND SIMPLE.

Imagine being so warm and comfortable inside your home that you're not even aware of those wind-chilled winter evenings. That's life with a Trane XE 90 gas furnace. The XE 90 is one of the most efficient heating systems on the market today. In fact, it's over 90% efficient, which means that 90% of the fuel you pay for is turned into heat.

### INDOOR COMFORT STARTS OUTDOORS WITH THE XE 90.

In areas of the country where direct venting is preferred, or is required by local code, or where the furnace may be exposed to corrosive materials which could lead to component damage, the Trane XE 90 TUX/TDX also has a direct vent option that is just what you need. The XE 90 direct vent avoids exposure to these elements by using 100% outdoor air for combustion. A direct vent furnace simply means that the air used for furnace combustion comes from outside your home. Because of this, the XE 90 direct vent can be placed in a small space without concern for adequate combustion air supply.



**Model Shown**  
**TUC080C Upflow**  
**(non-direct vent)**



**A 90% AFUE furnace replacing an existing 55% AFUE furnace may reduce your annual gas consumption by as much as 35%, depending on system size and match-up of indoor/outdoor components, equipment upkeep, weather conditions and personal living style.**

### ONE SMART FURNACE.

Key furnace control functions are integrated into one microelectronic system. In fact, this smart controller monitors all the system components. It listens to the thermostat for precise temperature control and monitors the gas valve to ensure combustion and proper gas flow.

With its self-diagnostic capability, the controller searches for system problems and works to resolve them. And, in the event of a power or fuel interruption, the controller resets and restarts the system.

## XE 90 FEATURES:

**1 INSULATED CABINET**  
Minimizes heat loss and reduces noise.

**2 PRIMARY HEAT EXCHANGER**  
Made of heavy duty aluminized steel for long life. Backed by a lifetime limited warranty.

**3 POWER VENT FAN**  
Pulls hot combustion gases through the secondary heat exchanger, so less heat escapes up the flue.

**4 ADAPTIVE HOT SURFACE SILICON CARBIDE IGNITER (TUC/TDC MODELS ONLY)**  
Starts burners electrically, eliminating a wasteful pilot light. A real energy saver. Backed by a 3-year limited warranty.



### VENT PIPE (NOT SHOWN)

Power vented exhaust is so cool, it can be piped through a side wall using PVC venting.

**5 MULTI-PORT IN-SHOT BURNERS**  
Orifice design perfectly shapes the flame cone for the maximum heat possible, while using less fuel.

**6 SELF-DIAGNOSTIC CONTROLS**  
The solid state brain controls every function of the XE 90 with digital accuracy, complete with safety features and a built-in troubleshooting system. Backed by a 3-year limited warranty.

**7 AL29-4C™ STAINLESS STEEL SECONDARY HEAT EXCHANGER**  
Captures more of the heat you pay for. Also, backed by a lifetime limited warranty.

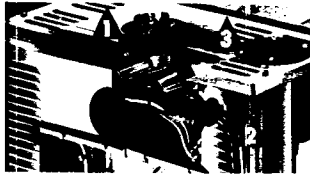
**8 INTERNAL VENT PIPE**  
Made of long-lasting Noryl material.

**9 MULTI-SPEED BLOWER MOTOR**  
Operates quietly and efficiently, gently warming and maintaining comfort. Handles all central air conditioning needs for year 'round comfort.

**10 CLEANABLE FILTER**  
Lets you rinse or vacuum instead of buying replacements each time.

**11 HEAVY STEEL CABINET**  
Assures quieter operation, greater strength and durability. Electro-deposition dip finish resists rust and corrosion and creates a strong, uniform surface.

## UNIQUE FEATURES FOR TUX/TDX MODELS:

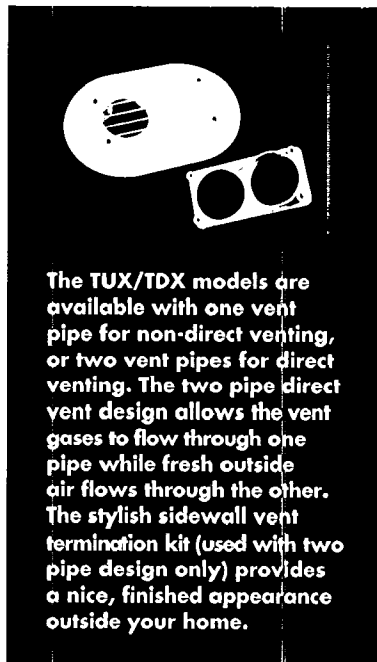


**▲ OUTSIDE AIR INLET**  
Uses 100% outdoor air for combustion.

**▲ ADAPTIVE HOT SURFACE SILICON NITRIDE IGNITER**  
Starts burners electrically, eliminating a wasteful pilot light. Backed by a 3-year limited warranty.



**▲ ONE OR TWO PIPE VENT OPTION**  
Allows direct or non-direct venting



The TUX/TDX models are available with one vent pipe for non-direct venting, or two vent pipes for direct venting. The two pipe direct vent design allows the vent gases to flow through one pipe while fresh outside air flows through the other. The stylish sidewall vent termination kit (used with two pipe design only) provides a nice, finished appearance outside your home.

## XE 90 BENEFITS.

### Lowers Utility Bills

- 90+ AFUE Efficiency

### Fits Almost Anywhere

- 40" High Cabinet
- Depth Only 28"
- Convertible to Horizontal

### Runs Day After Day

- Microelectronic Controller
- Heavy Steel Cabinet

### Built To Last

- Multi-Port In-Shot Burners
- One Piece Heat Exchanger. No Welds. No Stress Cracks.
- AL29-4C™ Stainless Steel Secondary Heat Exchanger
- Electro-Deposition Paint
- Cleanable Filter

### Quiet Comfort

- Insulated Cabinet
- Multi-Speed Blower Motor

### Backed By Trane

- Lifetime Limited Warranty On Primary & Secondary Heat Exchangers
- 3-year Limited Warranty On Integrated Ignition Control And Adaptive Hot Surface Igniter
- Optional Extended Warranties Available

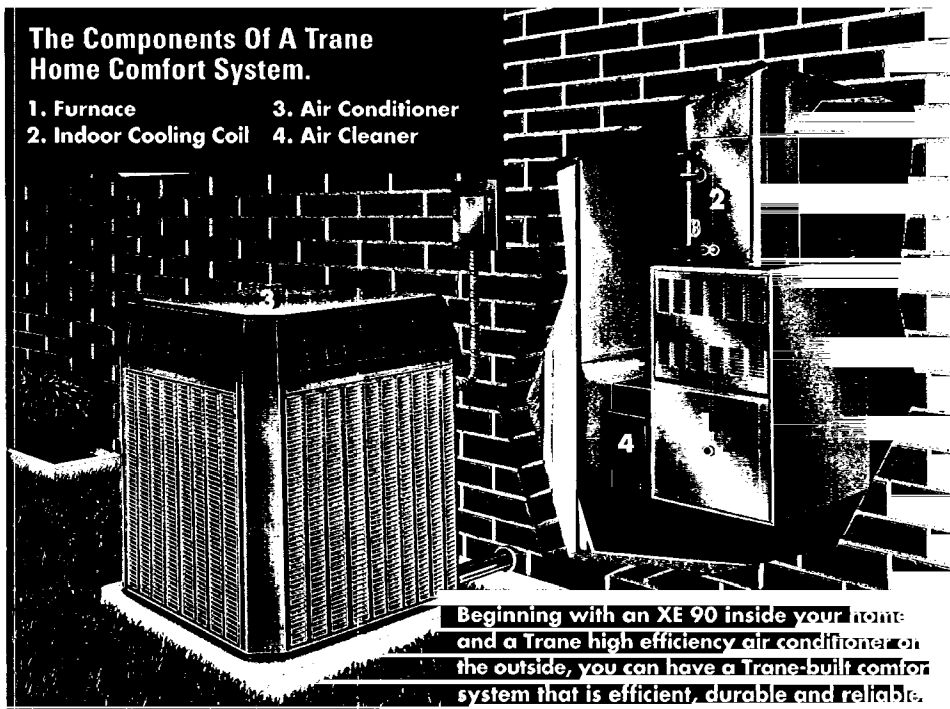


## WHY A MATCHED SYSTEM IS IMPORTANT.

A heating and cooling system is made up of individual parts. And, even though each component is separate, they're all designed and engineered to work together as a system. A perfectly balanced system is the best way to get the highest comfort and efficiency. When you match the XE 90 gas furnace with a Trane high efficiency air conditioner, you've installed a system with one of the highest efficiencies available.

### The Components Of A Trane Home Comfort System.

1. Furnace
2. Indoor Cooling Coil
3. Air Conditioner
4. Air Cleaner



Beginning with an XE 90 inside your home and a Trane high efficiency air conditioner on the outside, you can have a Trane-built comfort system that is efficient, durable and reliable.

### Optional Accessory

A programmable thermostat with accurate temperature control from Trane is reliable and simple to set. (Purchased separately.)

#### XE 90 NON-DIRECT VENT GAS FURNACE

| MODEL               | AIRFLOW IN TONS | HEIGHT (IN.) | WIDTH (IN.) | DEPTH (IN.) | CAPACITY OUTPUT - BTU/H | ICS* AFUE |
|---------------------|-----------------|--------------|-------------|-------------|-------------------------|-----------|
| UPFLOW/HORIZONTAL   |                 |              |             |             |                         |           |
| TUC040C924B         | 2               | 40           | 17.5        | 28          | 37,000                  | 92.0      |
| TUC060C936B         | 3               | 40           | 17.5        | 28          | 56,000                  | 92.0      |
| TUC080C942B         | 3.5             | 40           | 17.5        | 28          | 74,000                  | 92.0      |
| TUC100C948B         | 4               | 40           | 21.0        | 28          | 92,000                  | 92.0      |
| TUC100C960B         | 5               | 40           | 21.5        | 28          | 93,000                  | 92.0      |
| TUC120C960B         | 5               | 40           | 21.5        | 28          | 113,000                 | 92.0      |
| DOWNFLOW/HORIZONTAL |                 |              |             |             |                         |           |
| TDC040C924B         | 2               | 40           | 17.5        | 28          | 38,000                  | 91.0      |
| TDC060C936B         | 3               | 40           | 17.5        | 28          | 56,000                  | 91.0      |
| TDC080C942B         | 3.5             | 40           | 17.5        | 28          | 74,000                  | 91.0      |
| TDC100C948B         | 4               | 40           | 21.0        | 28          | 93,000                  | 91.0      |
| TDC120C960B         | 5               | 40           | 21.5        | 28          | 110,000                 | 91.0      |

#### XE 90 DIRECT OR NON-DIRECT VENT GAS FURNACE

| MODEL               | AIRFLOW IN TONS | HEIGHT (IN.) | WIDTH (IN.) | DEPTH (IN.) | CAPACITY OUTPUT - BTU/H | ICS* AFUE |
|---------------------|-----------------|--------------|-------------|-------------|-------------------------|-----------|
| UPFLOW/HORIZONTAL   |                 |              |             |             |                         |           |
| TUX040C924C         | 2               | 40           | 17.5        | 28          | 38,000                  | 92.0      |
| TUX060C936C         | 3               | 40           | 17.5        | 28          | 56,000                  | 92.0      |
| TUX080C942C         | 3.5             | 40           | 17.5        | 28          | 74,000                  | 92.0      |
| TUX100C948C         | 4               | 40           | 21.0        | 28          | 93,000                  | 92.0      |
| TUX100C960C         | 5               | 40           | 21.5        | 28          | 93,000                  | 92.0      |
| TUX120C960C         | 5               | 40           | 21.5        | 28          | 112,000                 | 92.0      |
| DOWNFLOW/HORIZONTAL |                 |              |             |             |                         |           |
| TDX040C924C         | 2               | 40           | 17.5        | 28          | 38,000                  | 91.0      |
| TDX060C936C         | 3               | 40           | 17.5        | 28          | 56,000                  | 91.0      |
| TDX080C942C         | 3.5             | 40           | 17.5        | 28          | 74,000                  | 91.0      |
| TDX100C948C         | 4               | 40           | 21.0        | 28          | 94,000                  | 91.0      |
| TDX120C960C         | 5               | 40           | 21.5        | 28          | 110,000                 | 91.0      |

\* Isolated Combustion System



All model designs are certified by the American Gas Association Laboratories to comply with national standards for safety, performance and durability.



As an Energy Star Partner, Trane has determined that some models meet the Energy Star guidelines for energy efficiency.



# TRANE®

*It's Hard To Stop A Trane.®*

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Unitary Products Group  
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Tyler, TX 75707

www.trane.com

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