



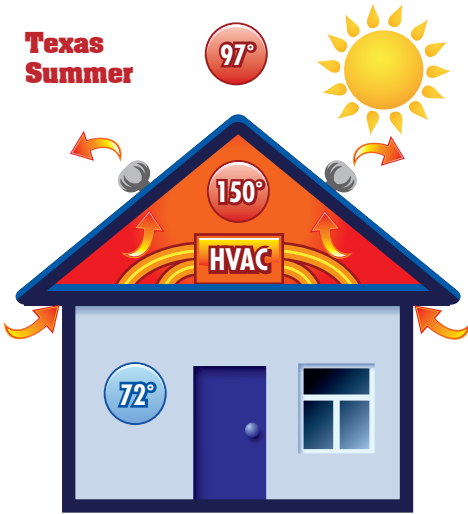
# HIGH PERFORMANCE HOME

By Sitterle Homes



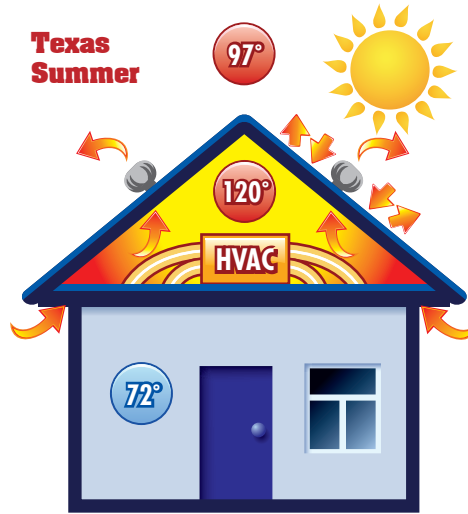
## Thermal Envelope Evolution

### Standard Insulation Home



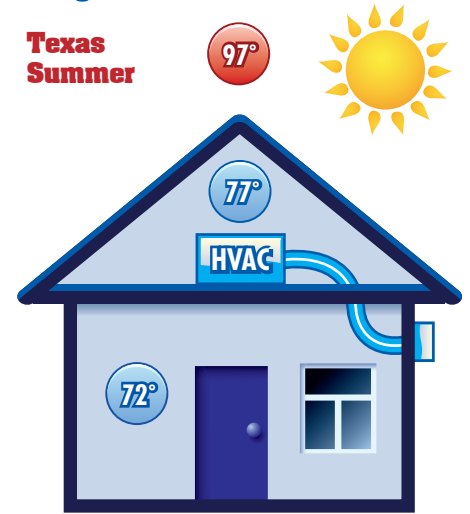
150° Attic Temp - 72° Temp = 78° Difference

### Radiant Barrier Home



120° Attic Temp - 72° Temp = 48° Difference

### High Performance Home



77° Attic Temp - 72° Temp = 5° Difference

Sitterle's High Performance Home is 63% MORE efficient than a Typical Existing Home and 33% MORE efficient than a Typical Code Home.

Figures, illustrations, and claims are subject to differentiation based on climate and usage. Temperature differences may vary. Illustrations represent artist's rendering.

## HPH Features



### Bayseal™ Spray Foam Insulation:

Blown-in insulation sprayed in walls, attic space, flooring  
Benefits: Allows moisture to escape. Non-toxic and flame resistant. Stops air leakage, reduces HVAC requirements, maximizes efficiency of homes, and increases indoor air quality



### TRANE 15 SEER:

A heating, venting, and cooling system designed to minimize energy usage  
Benefit: Lowers energy bill



### Tyvek:

A house wrap that provides a protective moisture barrier to seal the home  
Benefits: Keeps moisture from entering the home, reduces drafts, controls air leakage, optimizes heating, and air conditioning systems



### QuietBrace:

Structural fiberboard wall sheathing  
Benefits: Proven to reduce noise pollution and protect from moisture infiltration



### Low E3 Windows:

Vinyl double pane windows that prevent UV rays and the transfer of heat into/from the home  
Benefits: Promotes healthy living and climate control within the home. Prevents aging of furnishings



### Base Plate Seal:

A flexible polyethylene foam strip used underneath the first floor walls  
Benefits: Reduces air infiltration; lowers energy bill



### Aprilaire Ventilation Control System:

A mechanical addition to the Trane 15 SEER system that monitors indoor relative humidity  
Benefits: Increases the amount of fresh air circulated throughout the home, reducing dust, allergens, and stale air.



### TRANE XT90 Gas Furnace:

An addition to the Trane 15 SEER HVAC unit; converts over 90% of your fuel into heat  
Benefit: Warms your home with less energy usage; lowers energy bills



### AdvanTech:

Subflooring used on the second floor of homes  
Benefit: Moisture resistant, maintains even floors, minimizes issues with floor squeaks and bounce



### TRANE Touchscreen Programmable Thermostats:

An easy way to control your home temperature for use and non-use times  
Benefit: Lowers energy bills



### Media Filter:

A specialized filter used within the heating/air conditioning unit  
Benefit: Helps prevent allergens from entering the home

